

# Title 204 WAC

## STATE PATROL

### (COMMISSION ON EQUIPMENT)

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02), filed 8/21/81. Statutory Authority: RCW 46.37-005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380.

Purpose. [Regulation 6402 (part), filed 12/16/63.] Repealed by 81-18-008 (Order 81-08-02), filed 8/21/81. Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380.

Standards. [Order 7601, § 204-16-030, filed 2/24/76; Regulation 6402 (part), filed 12/16/63.] Repealed by 81-18-008 (Order 81-08-02), filed 8/21/81. Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380.

Installation. [Order 7601, § 204-16-040, filed 2/24/76; Regulation 6402 (part), filed 12/16/63.] Repealed by 81-18-008 (Order 81-08-02), filed 8/21/81. Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380.

Approval procedure. [Regulation 6402 (part), filed 12/16/63.] Repealed by 81-18-008 (Order 81-08-02), filed 8/21/81. Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380.

Effective date. [Regulation 6402 (part), filed 12/16/63.] Repealed by 81-18-008 (Order 81-08-02), filed 8/21/81. Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380.

**DISPOSITION OF CHAPTERS FORMERLY CODIFIED IN THIS TITLE**

**Chapter 204-12  
HYDRAULIC BRAKE FLUID**

204-12-001	Promulgation. [Regulation 6401 (part), filed 12/16/63.] Repealed by 81-18-008 (Order 81-08-02), filed 8/21/81. Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380.	204-20-010
204-12-010	Purpose. [Regulation 6401 (part), filed 12/16/63.] Repealed by 81-18-008 (Order 81-08-02), filed 8/21/81. Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380.	204-20-020
204-12-020	Standards. [Order 7304, § 204-12-020, filed 11/25/75; Regulation 6401 (part), filed 12/16/63.] Repealed by 81-18-008 (Order 81-08-02), filed 8/21/81. Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380.	204-20-030
204-12-030	Marking of containers. [Order 7304, § 204-12-030, filed 11/25/75; Regulation 6401 (part), filed 12/16/63.] Repealed by 81-18-008 (Order 81-08-02), filed 8/21/81. Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380.	204-20-040
204-12-040	Filling or reuse of containers. [Regulation 6401 (part), filed 12/16/63.] Repealed by 81-18-008 (Order 81-08-02), filed 8/21/81. Statutory Authority: RCW 46.37-005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380.	204-20-050
204-12-050	Approval procedure. [Order 7304, § 204-12-050, filed 11/25/75; Regulation 6401 (part), filed 12/16/63.] Repealed by 81-18-008 (Order 81-08-02), filed 8/21/81. Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380.	204-20-060
204-12-060	Effective date. [Regulation 6401 (part), filed 12/16/63.] Repealed by 81-18-008 (Order 81-08-02), filed 8/21/81. Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380.	204-20-070

**Chapter 204-16  
SEAT BELTS**

204-16-001	Promulgation. [Regulation 6402 (part), filed 12/16/63.] Repealed by 81-18-008 (Order 81-08-02), filed 8/21/81. Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380.	204-20-080
204-16-010	Previous regulation rescinded. [Regulation 6402 (part), filed 12/16/63.] Repealed by 81-18-008 (Order 81-08-	204-20-090

**Chapter 204-20  
MOTORCYCLE HELMETS**

Definitions. [Regulation 6701 (part), filed 5/31/67, effective 7/1/67.] Repealed by 81-18-008 (Order 81-08-02), filed 8/21/81. Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380.

Materials. [Regulation 6701 (part), filed 5/31/67, effective 7/1/67.] Repealed by 81-18-008 (Order 81-08-02), filed 8/21/81. Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380.

Required protection. [Regulation 6701 (part), filed 5/31/67, effective 7/1/67.] Repealed by 81-18-008 (Order 81-08-02), filed 8/21/81. Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380.

Test samples. [Regulation 6701 (part), filed 5/31/67, effective 7/1/67.] Repealed by 81-18-008 (Order 81-08-02), filed 8/21/81. Statutory Authority: RCW 46.37-005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380.

Test conditions. [Regulation 6701 (part), filed 5/31/67, effective 7/1/67.] Repealed by 81-18-008 (Order 81-08-02), filed 8/21/81. Statutory Authority: RCW 46.37-005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380.

Impact test. [Regulation 6701 (part), filed 5/31/67, effective 7/1/67.] Repealed by 81-18-008 (Order 81-08-02), filed 8/21/81. Statutory Authority: RCW 46.37-005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380.

Penetration test. [Regulation 6701 (part), filed 5/31/67, effective 7/1/67.] Repealed by 81-18-008 (Order 81-08-02), filed 8/21/81. Statutory Authority: RCW 46.37-005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380.

Retaining system test. [Regulation 6701 (part), filed 5/31/67, effective 7/1/67.] Repealed by 81-18-008 (Order 81-08-02), filed 8/21/81. Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380.

Test equipment. [Regulation 6701 (part), filed 5/31/67, effective 7/1/67.] Repealed by 81-18-008 (Order 81-08-

02), filed 8/21/81. Statutory Authority: RCW 46.37-005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380.

- 204-20-100 Calibration of test equipment. [Regulation 6701 (part), filed 5/31/67, effective 7/1/67.] Repealed by 81-18-008 (Order 81-08-02), filed 8/21/81. Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380.
- 204-20-110 Reflector requirements. [Regulation 6701 (part), filed 5/31/67, effective 7/1/67.] Repealed by 81-18-008 (Order 81-08-02), filed 8/21/81. Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380.
- 204-20-120 Identification requirements. [Regulation 6701 (part), filed 5/31/67, effective 7/1/67.] Repealed by 81-18-008 (Order 81-08-02), filed 8/21/81. Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380.
- 204-20-130 Approval procedure. [Regulation 6701 (part), filed 5/31/67, effective 7/1/67.] Repealed by 81-18-008 (Order 81-08-02), filed 8/21/81. Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380.
- 204-20-140 Alteration of helmets. [Regulation 6701 (part), filed 5/31/67, effective 7/1/67.] Repealed by 81-18-008 (Order 81-08-02), filed 8/21/81. Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380.
- 204-20-150 Effective date. [Regulation 6701 (part), filed 5/31/67, effective 7/1/67.] Repealed by 81-18-008 (Order 81-08-02), filed 8/21/81. Statutory Authority: RCW 46.37-005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380.

#### Chapter 204-22 STANDARDS FOR TIRE CHAINS

- 204-22-010 Promulgation. [Statutory Authority: RCW 46.37.420, 46.37.190, 46.37.194 and 46.37.280. 82-16-047 (Order 82-07-01), § 204-22-010, filed 7/29/82.] Repealed by 08-24-030, filed 11/24/08, effective 12/25/08. Statutory Authority: RCW 46.37.005 and 46.37.420.
- 204-22-020 Scope. [Statutory Authority: RCW 46.37.420, 46.37-190, 46.37.194 and 46.37.280. 82-16-047 (Order 82-07-01), § 204-22-020, filed 7/29/82.] Repealed by 08-24-030, filed 11/24/08, effective 12/25/08. Statutory Authority: RCW 46.37.005 and 46.37.420.
- 204-22-030 Link tire chains. [Statutory Authority: RCW 46.37.420, 46.37.190, 46.37.194 and 46.37.280. 82-16-047 (Order 82-07-01), § 204-22-030, filed 7/29/82.] Repealed by 08-24-030, filed 11/24/08, effective 12/25/08. Statutory Authority: RCW 46.37.005 and 46.37.420.
- 204-22-040 Cable tire chains. [Statutory Authority: RCW 46.37-420, 46.37.190, 46.37.194 and 46.37.280. 82-16-047 (Order 82-07-01), § 204-22-040, filed 7/29/82.] Repealed by 08-24-030, filed 11/24/08, effective 12/25/08. Statutory Authority: RCW 46.37.005 and 46.37.420.
- 204-22-050 Other tire chain devices. [Statutory Authority: RCW 46.37.420, 46.37.190, 46.37.194 and 46.37.280. 82-16-047 (Order 82-07-01), § 204-22-050, filed 7/29/82.] Repealed by 08-24-030, filed 11/24/08, effective 12/25/08. Statutory Authority: RCW 46.37.005 and 46.37.420.

#### Chapter 204-28 SLOW-MOVING VEHICLES EMBLEMS

- 204-28-020 Standards for emblems. [Order 6901, § 204-28-020, filed 2/17/70.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37-005 and 46.37.320.
- 204-28-030 Mounting standards. [Order 6901, § 204-28-030, filed 2/17/70.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.
- 204-28-040 Use of emblem on other classes of vehicles. [Order 6901, § 204-28-040, filed 2/17/70.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.
- 204-28-050 Approval of emblems. [Order 6901, § 204-28-050, filed 2/17/70.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.

#### Chapter 204-29 MARKING LICENSE PLATES

- 204-29-010 Marking license plate. [Statutory Authority: RCW 46.16.710. 89-10-016 (Order 89-02-RD), § 204-29-010, filed 4/24/89.] Repealed by 96-22-034, filed 10/31/96, effective 12/1/96. Statutory Authority: RCW 46.37.005.

#### Chapter 204-30 SUNSCREEN TINT FILM DECALS

- 204-30-010 Authority. [Statutory Authority: RCW 46.37.430. 90-13-060 (Order 90-06-ES), § 204-30-010, filed 6/18/90, effective 7/19/90.] Repealed by 94-05-024, filed 2/7/94, effective 3/10/94. Statutory Authority: RCW 46.37-005.
- 204-30-020 Purpose. [Statutory Authority: RCW 46.37.430. 90-13-060 (Order 90-06-ES), § 204-30-020, filed 6/18/90, effective 7/19/90.] Repealed by 94-05-024, filed 2/7/94, effective 3/10/94. Statutory Authority: RCW 46.37-005.
- 204-30-030 Scope. [Statutory Authority: RCW 46.37.430. 90-13-060 (Order 90-06-ES), § 204-30-030, filed 6/18/90, effective 7/19/90.] Repealed by 94-05-024, filed 2/7/94, effective 3/10/94. Statutory Authority: RCW 46.37-005.
- 204-30-040 Definitions. [Statutory Authority: RCW 46.37.430. 90-13-060 (Order 90-06-ES), § 204-30-040, filed 6/18/90, effective 7/19/90.] Repealed by 94-05-024, filed 2/7/94, effective 3/10/94. Statutory Authority: RCW 46.37-005.
- 204-30-050 Decal material, dimensions and characteristics. [Statutory Authority: RCW 46.37.430. 90-13-060 (Order 90-06-ES), § 204-30-050, filed 6/18/90, effective 7/19/90.] Repealed by 94-05-024, filed 2/7/94, effective 3/10/94. Statutory Authority: RCW 46.37.005.
- 204-30-060 Decal information requirements. [Statutory Authority: RCW 46.37.430. 90-13-060 (Order 90-06-ES), § 204-30-060, filed 6/18/90, effective 7/19/90.] Repealed by 94-05-024, filed 2/7/94, effective 3/10/94. Statutory Authority: RCW 46.37.005.
- 204-30-070 Decal mounting requirements. [Statutory Authority: RCW 46.37.430. 90-13-060 (Order 90-06-ES), § 204-30-070, filed 6/18/90, effective 7/19/90.] Repealed by 94-05-024, filed 2/7/94, effective 3/10/94. Statutory Authority: RCW 46.37.005.
- 204-30-080 Tint manufacturer requirements. [Statutory Authority: RCW 46.37.430. 90-13-060 (Order 90-06-ES), § 204-30-080, filed 6/18/90, effective 7/19/90.] Repealed by 94-05-024, filed 2/7/94, effective 3/10/94. Statutory Authority: RCW 46.37.005.

#### Chapter 204-38 FLASHING AMBER LAMPS

- 204-38-010 Promulgation. [Statutory Authority: RCW 46.37.320. 88-15-055 (Order 88-02-ESR), § 204-38-010, filed 7/18/88. Statutory Authority: RCW 46.37.280. 80-06-083 (Order 80-05-2), § 204-38-010, filed 5/28/80.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.
- 204-38-020 Purpose. [Statutory Authority: RCW 46.37.280. 80-06-083 (Order 80-05-2), § 204-38-020, filed 5/28/80.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.
- 204-38-030 Definitions. [Statutory Authority: RCW 46.61.688. 01-11-118, § 204-38-030, filed 5/22/01, effective 6/22/01. Statutory Authority: RCW 46.37.005, 46.37.280. 00-03-023, § 204-38-030, filed 1/10/00, effective 2/10/00. Statutory Authority: RCW 46.37.300. 94-17-167, § 204-38-030, filed 8/24/94, effective 9/24/94; 92-11-032, § 204-38-030, filed 5/15/92, effective 6/15/92. Statutory Authority: RCW 46.37.280. 81-10-038 (Order 81-04-01), § 204-38-030, filed 4/30/81; 80-06-083 (Order 80-05-2), § 204-38-030, filed 5/28/80.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.
- 204-38-040 Mounting of lamps. [Statutory Authority: RCW 46.61.688. 01-11-118, § 204-38-040, filed 5/22/01, effective 6/22/01. Statutory Authority: RCW 46.37-005, 46.37.280. 00-03-023, § 204-38-040, filed 1/10/00, effective 2/10/00. Statutory Authority: RCW 46.37-300. 92-11-032, § 204-38-040, filed 5/15/92, effective

6/15/92. Statutory Authority: RCW 46.37.280. 81-10-038 (Order 81-04-01), § 204-38-040, filed 4/30/81; 80-06-083 (Order 80-05-2), § 204-38-040, filed 5/28/80.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.

204-38-050

Use of lamps. [Statutory Authority: RCW 46.61.688. 01-11-118, § 204-38-050, filed 5/22/01, effective 6/22/01. Statutory Authority: RCW 46.37.005, 46.37-280. 00-03-023, § 204-38-050, filed 1/10/00, effective 2/10/00. Statutory Authority: RCW 46.37.320. 88-15-055 (Order 88-02-ESR), § 204-38-050, filed 7/18/88. Statutory Authority: RCW 46.37.280. 81-10-038 (Order 81-04-01), § 204-38-050, filed 4/30/81; 80-06-083 (Order 80-05-2), § 204-38-050, filed 5/28/80.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.

#### Chapter 204-39

##### TRAILER TONGUE LAMPS

204-39-010

Promulgation. [Statutory Authority: RCW 46.37.280 and 46.37.005. 81-18-007 (Order 81-08-01), § 204-39-010, filed 8/21/81.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.

204-39-020

Purpose. [Statutory Authority: RCW 46.37.280 and 46.37.005. 81-18-007 (Order 81-08-01), § 204-39-020, filed 8/21/81.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37-005 and 46.37.320.

204-39-030

Use of lamps required. [Statutory Authority: RCW 46.37.280. 83-21-080 (Order 83-10-01), § 204-39-030, filed 10/19/83; 81-18-007 (Order 81-08-01), § 204-39-030, filed 8/21/81.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.

204-39-040

Mounting of lamps. [Statutory Authority: RCW 46.37.280 and 46.37.005. 81-18-007 (Order 81-08-01), § 204-39-040, filed 8/21/81.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.

204-39-050

Effective date. [Statutory Authority: RCW 46.37.280 and 46.37.005. 81-18-007 (Order 81-08-01), § 204-39-050, filed 8/21/81.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.

#### Chapter 204-40

##### GREEN LIGHTS ON FIREMEN'S PRIVATE CARS

204-40-010

Promulgation. [Statutory Authority: RCW 46.37.185. 88-15-049 (Order 88-03-ESR), § 204-40-010, filed 7/18/88; Order 7302, § 204-40-010, filed 2/5/73.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.

204-40-020

Authorization. [Order 7302, § 204-40-020, filed 2/5/73.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.

204-40-030

Standard. [Statutory Authority: RCW 46.37.185. 88-15-049 (Order 88-03-ESR), § 204-40-030, filed 7/18/88; Order 7302, § 204-40-030, filed 2/5/73.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.

204-40-040

Limitations. [Order 7302, § 204-40-040, filed 2/5/73.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.

#### Chapter 204-46

##### BACKUP ALERT DEVICES AND REAR CROSSVIEW MIRRORS

204-46-010

Promulgation. [Statutory Authority: RCW 46.37.005 and 46.37.400. 98-23-002, § 204-46-010, filed 11/4/98, effective 12/5/98.] Repealed by 08-19-079, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37.005 and 46.37.320.

204-46-020

Backup alert devices. [Statutory Authority: RCW 46.37.005 and 46.37.400. 98-23-002, § 204-46-020, filed 11/4/98, effective 12/5/98.] Repealed by 08-19-079, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37.005 and 46.37.320.

204-46-030

Rear crossview mirrors. [Statutory Authority: RCW 46.37.005 and 46.37.400. 98-23-002, § 204-46-030, filed 11/4/98, effective 12/5/98.] Repealed by 08-19-079, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37.005 and 46.37.320.

#### Chapter 204-48

##### TIRES

204-48-010

Promulgation. [Order 7502, § 204-48-010, filed 2/24/76.] Repealed by 97-17-061, filed 8/18/97, effective 9/18/97. Statutory Authority: RCW 46.37.005.

204-48-020

Standards. [Statutory Authority: RCW 46.37.005 and 46.37.425. 90-11-021, § 204-48-020, filed 5/9/90, effective 6/9/90; Order 7502, § 204-48-020, filed 11/18/77, effective 12/21/77; Order 7502, § 204-48-020, filed 2/24/76.] Repealed by 97-17-061, filed 8/18/97, effective 9/18/97. Statutory Authority: RCW 46.37.005.

204-48-030

Inspection. [Order 7502, § 204-48-030, filed 11/18/77, effective 12/21/77; Order 7502, § 204-48-030, filed 2/24/76.] Repealed by 97-17-061, filed 8/18/97, effective 9/18/97. Statutory Authority: RCW 46.37.005.

204-48-040

Spare tires. [Order 7502, § 204-48-040, filed 11/18/77, effective 12/21/77.] Repealed by 97-17-061, filed 8/18/97, effective 9/18/97. Statutory Authority: RCW 46.37.005.

#### Chapter 204-52

##### MOTORCYCLISTS' EYE PROTECTION

204-52-010

Promulgation. [Statutory Authority: RCW 46.37.005 and 46.37.530. 79-02-084 (Order 7503A), § 204-52-010, filed 2/7/79.] Repealed by 08-19-079, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37.005 and 46.37.320.

204-52-020

Definitions. [Statutory Authority: RCW 46.37.005 and 46.37.530. 79-02-084 (Order 7503A), § 204-52-020, filed 2/7/79.] Repealed by 08-19-079, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37.005 and 46.37.320.

204-52-030

Eye protective devices. [Statutory Authority: RCW 46.37.005 and 46.37.530. 79-02-084 (Order 7503A), § 204-52-030, filed 2/7/79.] Repealed by 08-19-079, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37.005 and 46.37.320.

204-52-040

Materials. [Statutory Authority: RCW 46.37.005 and 46.37.530. 79-02-084 (Order 7503A), § 204-52-040, filed 2/7/79.] Repealed by 08-19-079, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37.005 and 46.37.320.

204-52-050

Lens strength—Testing procedures. [Statutory Authority: RCW 46.37.005 and 46.37.530. 79-02-084 (Order 7503A), § 204-52-050, filed 2/7/79.] Repealed by 08-19-079, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37.005 and 46.37.320.

204-52-060

Flammability test—Plastics only. [Statutory Authority: RCW 46.37.005 and 46.37.530. 79-02-084 (Order 7503A), § 204-52-060, filed 2/7/79.] Repealed by 08-19-079, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37.005 and 46.37.320.

204-52-070

Optical properties of eye protective devices. [Statutory Authority: RCW 46.37.005 and 46.37.530. 79-02-084 (Order 7503A), § 204-52-070, filed 2/7/79.] Repealed by 08-19-079, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37.005 and 46.37.320.

204-52-080

Light transmitting ability of eye protective devices. [Statutory Authority: RCW 46.37.005 and 46.37.530. 79-02-084 (Order 7503A), § 204-52-080, filed 2/7/79.] Repealed by 08-19-079, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37.005 and 46.37.320.

204-52-090

Cleansing. [Statutory Authority: RCW 46.37.005 and 46.37.530. 79-02-084 (Order 7503A), § 204-52-090, filed 2/7/79.] Repealed by 08-19-079, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37.005 and 46.37.320.

204-52-100

Identification and labeling. [Statutory Authority: RCW 46.37.005 and 46.37.530. 79-02-084 (Order 7503A), § 204-52-100, filed 2/7/79.] Repealed by 08-19-079, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37.005 and 46.37.320.

**Chapter 204-56****PROCEDURES FOR MEASURING MOTOR VEHICLE SOUND LEVELS**

204-56-010	Introduction. [Order 7604, § 204-56-010, filed 2/24/76.] Repealed by 82-11-040 (Order 82-05-02), filed 5/12/82. Statutory Authority: RCW 70.107.070 and 46.37.005.
204-56-015	Introduction. [Statutory Authority: RCW 70.107.070 and 46.37.005. 82-11-040 (Order 82-05-02), § 204-56-015, filed 5/12/82.] Repealed by 98-01-060, filed 12/11/97, effective 1/11/98.
204-56-020	On-highway sound level measurements. [Order 7604, § 204-56-020, filed 2/24/76.] Repealed by 82-11-040 (Order 82-05-02), filed 5/12/82. Statutory Authority: RCW 70.107.070 and 46.37.005.
204-56-025	Definitions. [Statutory Authority: RCW 70.107.070 and 46.37.005. 82-11-040 (Order 82-05-02), § 204-56-025, filed 5/12/82.] Repealed by 98-01-060, filed 12/11/97, effective 1/11/98.
204-56-030	Stationary vehicle sound level measurement. [Order 7604, § 204-56-030, filed 2/24/76.] Repealed by 82-11-040 (Order 82-05-02), filed 5/12/82. Statutory Authority: RCW 70.107.070 and 46.37.005.
204-56-035	Personnel and equipment. [Statutory Authority: RCW 70.107.070 and 46.37.005. 82-11-040 (Order 82-05-02), § 204-56-035, filed 5/12/82.] Repealed by 98-01-060, filed 12/11/97, effective 1/11/98.
204-56-040	Static test site for vehicle sound level measurement. [Order 7604, § 204-56-040, filed 2/24/76.] Repealed by 82-11-040 (Order 82-05-02), filed 5/12/82. Statutory Authority: RCW 70.107.070 and 46.37.005.
204-56-045	Ambient conditions and equipment preparation. [Statutory Authority: RCW 70.107.070 and 46.37.005. 82-11-040 (Order 82-05-02), § 204-56-045, filed 5/12/82.] Repealed by 98-01-060, filed 12/11/97, effective 1/11/98.
204-56-050	New motor vehicle noise limits procedure. [Order 7604, § 204-56-050, filed 2/24/76.] Repealed by 82-11-040 (Order 82-05-02), filed 5/12/82. Statutory Authority: RCW 70.107.070 and 46.37.005.
204-56-055	Procedure for measuring in-use, on highway motor vehicle sound levels. [Statutory Authority: RCW 70.107.070 and 46.37.005. 82-11-040 (Order 82-05-02), § 204-56-055, filed 5/12/82.] Repealed by 98-01-060, filed 12/11/97, effective 1/11/98.
204-56-065	Procedure for measuring stationary truck sound levels. [Statutory Authority: RCW 70.107.070 and 46.37.005. 82-11-040 (Order 82-05-02), § 204-56-065, filed 5/12/82.] Repealed by 98-01-060, filed 12/11/97, effective 1/11/98.
204-56-075	Procedure for measuring in-use motor vehicle exhaust system sound levels. [Statutory Authority: RCW 70.107.070 and 46.37.005. 82-11-040 (Order 82-05-02), § 204-56-075, filed 5/12/82.] Repealed by 98-01-060, filed 12/11/97, effective 1/11/98.
204-56-085	Procedures for measuring new motor vehicle sound levels. [Statutory Authority: RCW 46.37.005. 96-14-008, § 204-56-085, filed 6/20/96, effective 7/21/96. Statutory Authority: RCW 70.107.070 and 46.37.005. 82-11-040 (Order 82-05-02), § 204-56-085, filed 5/12/82.] Repealed by 98-01-060, filed 12/11/97, effective 1/11/98.
204-56-99001	Microphone height for measurement of in-use vehicles on the highway. [Statutory Authority: RCW 70.107.070 and 46.37.005. 82-11-040 (Order 82-05-02), § 204-56-99001, filed 5/12/82.] Repealed by 98-01-060, filed 12/11/97, effective 1/11/98.
204-56-99002	Patrol mounted microphone location. [Statutory Authority: RCW 70.107.070 and 46.37.005. 82-11-040 (Order 82-05-02), § 204-56-99002, filed 5/12/82.] Repealed by 98-01-060, filed 12/11/97, effective 1/11/98.
204-56-99003	In-use vehicle—Standard measuring site—Nonpatrol car mounted microphone. [Statutory Authority: RCW 70.107.070 and 46.37.005. 82-11-040 (Order 82-05-02), § 204-56-99003, filed 5/12/82.] Repealed by 98-01-060, filed 12/11/97, effective 1/11/98.
204-56-99004	In-use vehicle—Restricted measuring site. [Statutory Authority: RCW 70.107.070 and 46.37.005. 82-11-040 (Order 82-05-02), § 204-56-99004, filed 5/12/82.] Repealed by 98-01-060, filed 12/11/97, effective 1/11/98.
204-56-99005	Correction factors for measuring distance. [Statutory Authority: RCW 70.107.070 and 46.37.005. 82-11-040 (Order 82-05-02), § 204-56-99005, filed 5/12/82.]

204-56-99006	Repealed by 98-01-060, filed 12/11/97, effective 1/11/98.
204-56-99007	Narrow objects near the microphone. [Statutory Authority: RCW 70.107.070 and 46.37.005. 82-11-040 (Order 82-05-02), § 204-56-99006, filed 5/12/82.] Repealed by 98-01-060, filed 12/11/97, effective 1/11/98.
204-56-99008	Basically parallel surfaces with projections. [Statutory Authority: RCW 70.107.070 and 46.37.005. 82-11-040 (Order 82-05-02), § 204-56-99007, filed 5/12/82.] Repealed by 98-01-060, filed 12/11/97, effective 1/11/98.
204-56-99009	Basically parallel surfaces with perpendicular surfaces. [Statutory Authority: RCW 70.107.070 and 46.37.005. 82-11-040 (Order 82-05-02), § 204-56-99008, filed 5/12/82.] Repealed by 98-01-060, filed 12/11/97, effective 1/11/98.
204-56-99010	Measurement of distance to reflecting surface (embankment). [Statutory Authority: RCW 70.107.070 and 46.37.005. 82-11-040 (Order 82-05-02), § 204-56-99009, filed 5/12/82.] Repealed by 98-01-060, filed 12/11/97, effective 1/11/98.
204-56-99011	Distances "D" and "L." [Statutory Authority: RCW 70.107.070 and 46.37.005. 82-11-040 (Order 82-05-02), § 204-56-99010, filed 5/12/82.] Repealed by 98-01-060, filed 12/11/97, effective 1/11/98.
204-56-99012	Nomogram for reflecting surfaces. [Statutory Authority: RCW 70.107.070 and 46.37.005. 82-11-040 (Order 82-05-02), § 204-56-99011, filed 5/12/82.] Repealed by 98-01-060, filed 12/11/97, effective 1/11/98.
204-56-99013	Exhaust system measurement site. [Statutory Authority: RCW 70.107.070 and 46.37.005. 82-11-040 (Order 82-05-02), § 204-56-99012, filed 5/12/82.] Repealed by 98-01-060, filed 12/11/97, effective 1/11/98.
	Microphone locations for exhaust system measurements. [Statutory Authority: RCW 70.107.070 and 46.37.005. 82-11-040 (Order 82-05-02), § 204-56-99013, filed 5/12/82.] Repealed by 98-01-060, filed 12/11/97, effective 1/11/98.

**Chapter 204-60****STANDARDS AND SPECIFICATIONS FOR ADDITIONAL LAMPS AND FLAGS FOR USE ON SNOW REMOVAL, HIGHWAY MAINTENANCE EQUIPMENT, AND REFUSE HAULERS**

204-60-010	Promulgation. [Statutory Authority: RCW 46.37.005 and 46.37.300. 97-04-054, § 204-60-010, filed 2/3/97, effective 3/6/97; Order 7605, § 204-60-010, filed 2/24/76. Formerly Regulation 630 (part), Appendix to Title 204 WAC.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.-005 and 46.37.320.
204-60-020	Clearance lamps, side marker lamps and reflectors. [Order 7605, § 204-60-020, filed 2/24/76. Formerly Regulation 630 (part), Appendix to Title 204 WAC.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.
204-60-030	Standards for lights. [Statutory Authority: RCW 46.37.005 and 46.37.300. 97-04-054, § 204-60-030, filed 2/3/97, effective 3/6/97; Order 7605, § 204-60-030, filed 2/24/76. Formerly Regulation 630 (part), Appendix to Title 204 WAC.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.

**Chapter 204-62****DECELERATION WARNING LIGHT**

204-62-010	Promulgation. [Order 7609, § 204-62-010, filed 10/4/76.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.
204-62-020	Definition. [Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.-380. 81-18-008 (Order 81-08-02), § 204-62-020, filed 8/21/81; Order 7609, § 204-62-020, filed 10/4/76.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.
204-62-030	Installation requirements. [Order 7609, § 204-62-030, filed 10/4/76.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.-005 and 46.37.320.
204-62-040	Standards. [Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380. 81-18-008 (Order 81-08-02), § 204-62-040,

filed 8/21/81.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37-005 and 46.37.320.

204-62-050 Requirements and test methods for a deceleration alert system, Type I. [Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37-380. 81-18-008 (Order 81-08-02), § 204-62-050, filed 8/21/81.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.

204-62-060 Requirements and test methods for a deceleration alert system, Type II. [Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37-380. 81-18-008 (Order 81-08-02), § 204-62-060, filed 8/21/81.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.

#### Chapter 204-64 QUARTZ HALOGEN HEADLAMPS

204-64-010 Purpose. [Statutory Authority: RCW 46.37.005 and 46.37.320. 78-11-051 (Order 7740-C), § 204-64-010, filed 10/23/78.] Repealed by 97-17-060, filed 8/18/97, effective 9/18/97. Statutory Authority: RCW 46.37-005.

204-64-020 Definition. [Statutory Authority: RCW 46.37.005 and 46.37.320. 78-11-051 (Order 7740-C), § 204-64-020, filed 10/23/78.] Repealed by 97-17-060, filed 8/18/97, effective 9/18/97. Statutory Authority: RCW 46.37-005.

204-64-040 Approval procedure. [Statutory Authority: RCW 46.37.005 and 46.37.320. 78-11-051 (Order 7740-C), § 204-64-040, filed 10/23/78.] Repealed by 97-17-060, filed 8/18/97, effective 9/18/97. Statutory Authority: RCW 46.37.005.

204-64-060 Application for certificate of approval. [Statutory Authority: RCW 46.37.005 and 46.37.320. 78-11-051 (Order 7740-C), § 204-64-060, filed 10/23/78.] Repealed by 97-17-060, filed 8/18/97, effective 9/18/97. Statutory Authority: RCW 46.37.005.

204-64-080 Installation, aiming, and adjustment. [Statutory Authority: RCW 46.37.005 and 46.37.320. 81-01-009 (Order 80-12-01), § 204-64-080, filed 12/5/80. Statutory Authority: RCW 46.37.005 and 46.37.320. 78-11-051 (Order 7740-C), § 204-64-080, filed 10/23/78.] Repealed by 97-17-060, filed 8/18/97, effective 9/18/97. Statutory Authority: RCW 46.37.005.

204-64-100 Application of these regulations. [Statutory Authority: RCW 46.37.005 and 46.37.320. 78-11-051 (Order 7740-C), § 204-64-100, filed 10/23/78.] Repealed by 97-17-060, filed 8/18/97, effective 9/18/97. Statutory Authority: RCW 46.37.005.

#### Chapter 204-65 DISPLAY OF ELECTRONIC MESSAGES

204-65-010 Authority. [Statutory Authority: RCW 46.37.005. 89-12-018 (Order 89-02-ESR), § 204-65-010, filed 5/30/89; 87-04-065 (Order 86-2), § 204-65-010, filed 2/4/87.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.

204-65-020 Purpose. [Statutory Authority: RCW 46.37.005. 89-12-018 (Order 89-02-ESR), § 204-65-020, filed 5/30/89; 87-04-065 (Order 86-2), § 204-65-020, filed 2/4/87.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.

204-65-030 Electronic messages. [Statutory Authority: RCW 46.37.005. 89-12-018 (Order 89-02-ESR), § 204-65-030, filed 5/30/89; 87-04-065 (Order 86-2), § 204-65-030, filed 2/4/87.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.

204-65-040 Eye level brake light. [Statutory Authority: RCW 46.37.005. 89-12-018 (Order 89-02-ESR), § 204-65-040, filed 5/30/89; 87-04-065 (Order 86-2), § 204-65-040, filed 2/4/87.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.

204-65-050 Traffic control vehicles. [Statutory Authority: RCW 46.37.005. 89-12-018 (Order 89-02-ESR), § 204-65-050, filed 5/30/89; 87-04-065 (Order 86-2), § 204-65-050, filed 2/4/87.] Repealed by 08-19-104, filed

9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.

204-65-060 Taxicabs and public transportation vehicles. [Statutory Authority: RCW 46.37.005. 89-12-018 (Order 89-02-ESR), § 204-65-060, filed 5/30/89; 87-04-065 (Order 86-2), § 204-65-060, filed 2/4/87.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.

#### Chapter 204-66 TOWING BUSINESSES

204-66-010 Authority. [Order 7720, § 204-66-010, filed 10/14/77.] Repealed by 85-20-100 (Order 003-85), filed 10/1/85, effective 1/1/86. Statutory Authority: 1985 c 377 and RCW 46.37.005. Later promulgation, see WAC 204-91-010.

204-66-020 Purpose. [Order 7720, § 204-66-020, filed 10/14/77.] Repealed by 85-20-100 (Order 003-85), filed 10/1/85, effective 1/1/86. Statutory Authority: 1985 c 377 and RCW 46.37.005. Later promulgation, see WAC 204-91-020.

204-66-030 Definitions. [Order 7720, § 204-66-030, filed 10/14/77.] Repealed by 85-20-100 (Order 003-85), filed 10/1/85, effective 1/1/86. Statutory Authority: 1985 c 377 and RCW 46.37.005. Later promulgation, see WAC 204-91-030.

204-66-040 Application for letter of appointment. [Order 7720, § 204-66-040, filed 10/14/77.] Repealed by 85-20-100 (Order 003-85), filed 10/1/85, effective 1/1/86. Statutory Authority: 1985 c 377 and RCW 46.37.005. Later promulgation, see WAC 204-91-040.

204-66-050 Application form for letter of appointment. [Order 7720, § 204-66-050, filed 10/14/77.] Repealed by 85-20-100 (Order 003-85), filed 10/1/85, effective 1/1/86. Statutory Authority: 1985 c 377 and RCW 46.37.005.

204-66-060 Inspections. [Statutory Authority: RCW 46.61.567. 80-10-006 (Order 80-07-01), § 204-66-060, filed 7/25/80. Statutory Authority: RCW 46.37.005. 80-02-093 (Order 7720K), § 204-66-060, filed 1/23/80. Statutory Authority: 1977 ex.s. c 167. 78-08-079 (Order 7720B), § 204-66-060, filed 7/27/78; Order 7720, § 204-66-060, filed 10/14/77.] Repealed by 85-20-100 (Order 003-85), filed 10/1/85, effective 1/1/86. Statutory Authority: 1985 c 377 and RCW 46.37.005. Later promulgation, see WAC 204-91-070.

204-66-070 Certification. [Order 7720, § 204-66-070, filed 10/14/77.] Repealed by 85-20-100 (Order 003-85), filed 10/1/85, effective 1/1/86. Statutory Authority: 1985 c 377 and RCW 46.37.005. Later promulgation, see WAC 204-91-080.

204-66-080 Processing of application. [Statutory Authority: 1977 ex.s. c 167. 78-10-016 (Order 7720C), § 204-66-080, filed 9/12/78; Order 7720, § 204-66-080, filed 10/14/77.] Repealed by 85-20-100 (Order 003-85), filed 10/1/85, effective 1/1/86. Statutory Authority: 1985 c 377 and RCW 46.37.005.

204-66-090 Issuance of a letter of appointment. [Order 7720, § 204-66-090, filed 10/14/77.] Repealed by 85-20-100 (Order 003-85), filed 10/1/85, effective 1/1/86. Statutory Authority: 1985 c 377 and RCW 46.37.005. Later promulgation, see WAC 204-91-100.

204-66-100 Suspension or revocation of letter of appointment. [Order 7720, § 204-66-100, filed 10/14/77.] Repealed by 85-20-100 (Order 003-85), filed 10/1/85, effective 1/1/86. Statutory Authority: 1985 c 377 and RCW 46.37.005. Later promulgation, see WAC 204-91-110.

204-66-110 Letter does not grant vested right. [Order 7720, § 204-66-110, filed 10/14/77.] Repealed by 85-20-100 (Order 003-85), filed 10/1/85, effective 1/1/86. Statutory Authority: 1985 c 377 and RCW 46.37.005.

204-66-120 Procedure. [Statutory Authority: RCW 46.37.005. 79-09-093 (Order 7720H), § 204-66-120, filed 8/31/79; Order 7720, § 204-66-120, filed 10/14/77.] Repealed by 85-20-100 (Order 003-85), filed 10/1/85, effective 1/1/86. Statutory Authority: 1985 c 377 and RCW 46.37.005. Later promulgation, see WAC 204-91-120.

204-66-130 Appeal. [Order 7720, § 204-66-130, filed 10/14/77.] Repealed by 85-20-100 (Order 003-85), filed 10/1/85, effective 1/1/86. Statutory Authority: 1985 c 377 and RCW 46.37.005. Later promulgation, see WAC 204-91-130.

204-66-140 Towing procedure. [Statutory Authority: RCW 46.37-567 [46.61.567]. 83-11-028 (Order 83-05-01), § 204-66-140, filed 5/13/83. Statutory Authority: RCW

46.37.005. 79-11-107 (Order 7720J), § 204-66-140, filed 11/1/79; Order 7720, § 204-66-140, filed 10/14/77.] Repealed by 85-20-100 (Order 003-85), filed 10/1/85, effective 1/1/86. Statutory Authority: 1985 c 377 and RCW 46.37.005. Later promulgation, see WAC 204-91-160.

204-66-150 Tow zones. [Order 7720, § 204-66-150, filed 10/14/77.] Repealed by 85-20-100 (Order 003-85), filed 10/1/85, effective 1/1/86. Statutory Authority: 1985 c 377 and RCW 46.37.005. Later promulgation, see WAC 204-91-170.

204-66-160 Minimum standards for tow trucks. [Statutory Authority: RCW 46.61.567. 80-10-006 (Order 80-07-01), § 204-66-160, filed 7/25/80. Statutory Authority: 1977 ex.s. c 167. 79-05-109 (Order 7720E), § 204-66-160, filed 5/2/79; 78-08-079 (Order 7720B), § 204-66-160, filed 7/27/78; Order 7720, § 204-66-160, filed 10/14/77.] Repealed by 85-20-100 (Order 003-85), filed 10/1/85, effective 1/1/86. Statutory Authority: 1985 c 377 and RCW 46.37.005. Later promulgation, see WAC 204-91-180.

204-66-170 Tow truck classifications. [Statutory Authority: RCW 46.61.567. 80-10-006 (Order 80-07-01), § 204-66-170, filed 7/25/80. Statutory Authority: 1977 ex.s. c 167. 78-08-079 (Order 7720B), § 204-66-170, filed 7/27/78; Order 7720, § 204-66-170, filed 10/14/77.] Repealed by 85-20-100 (Order 003-85), filed 10/1/85, effective 1/1/86. Statutory Authority: 1985 c 377 and RCW 46.37.005.

204-66-180 Vehicle towing operator qualifications. [Statutory Authority: RCW 46.37.005 and 46.61.567. 81-10-038 (Order 81-04-01), § 204-66-180, filed 4/30/81. Statutory Authority: RCW 46.37.005. 79-09-093 (Order 7720H), § 204-66-180, filed 8/31/79. Statutory Authority: RCW 46.61.562 through 46.61.567. 79-01-077 (Order 7720D), § 204-66-180, filed 1/2/79; 78-08-079 (Order 7720B), § 204-66-180, filed 7/27/78; Order 7720A, § 204-66-180, filed 11/18/77, effective 12/21/77; Order 7720, § 204-66-180, filed 10/14/77.] Repealed by 85-20-100 (Order 003-85), filed 10/1/85, effective 1/1/86. Statutory Authority: 1985 c 377 and RCW 46.37.005. Later promulgation, see WAC 204-91-190.

204-66-190 Penalties. [Order 7720, § 204-66-190, filed 10/14/77.] Repealed by 85-20-100 (Order 003-85), filed 10/1/85, effective 1/1/86. Statutory Authority: 1985 c 377 and RCW 46.37.005.

204-66-200 Effective date. [Order 7720, § 204-66-200, filed 10/14/77.] Repealed by 85-20-100 (Order 003-85), filed 10/1/85, effective 1/1/86. Statutory Authority: 1985 c 377 and RCW 46.37.005. Later promulgation, see WAC 204-91-200.

**Chapter 204-68**

**COMMISSION ON EQUIPMENT PUBLIC RECORDS**

204-68-010 Purpose. [Statutory Authority: RCW 46.37.005. 79-09-092 (Order 7201A), § 204-68-010, filed 8/31/79.] Repealed by 90-18-045, filed 8/30/90, effective 9/30/90. Statutory Authority: RCW 34.05.220.

204-68-020 Definitions. [Statutory Authority: RCW 46.37.005. 79-09-092 (Order 7201A), § 204-68-020, filed 8/31/79.] Repealed by 90-18-045, filed 8/30/90, effective 9/30/90. Statutory Authority: RCW 34.05.220.

204-68-030 Description of the Washington state commission on equipment. [Statutory Authority: RCW 46.37.005. 79-09-092 (Order 7201A), § 204-68-030, filed 8/31/79.] Repealed by 90-18-045, filed 8/30/90, effective 9/30/90. Statutory Authority: RCW 34.05.220.

204-68-040 Operations and procedures. [Statutory Authority: RCW 46.37.005. 79-09-092 (Order 7201A), § 204-68-040, filed 8/31/79.] Repealed by 90-18-045, filed 8/30/90, effective 9/30/90. Statutory Authority: RCW 34.05.-220.

204-68-050 Public records available. [Statutory Authority: RCW 46.37.005. 79-09-092 (Order 7201A), § 204-68-050, filed 8/31/79.] Repealed by 90-18-045, filed 8/30/90, effective 9/30/90. Statutory Authority: RCW 34.05.-220.

204-68-060 Public records officer. [Statutory Authority: RCW 46.37.005. 79-09-092 (Order 7201A), § 204-68-060, filed 8/31/79.] Repealed by 90-18-045, filed 8/30/90, effective 9/30/90. Statutory Authority: RCW 34.05.-220.

204-68-070 Office hours. [Statutory Authority: RCW 46.37.005. 79-09-092 (Order 7201A), § 204-68-070, filed 8/31/79.] Repealed by 90-18-045, filed 8/30/90, effective 9/30/90. Statutory Authority: RCW 34.05.220.

204-68-080 Requests for public records. [Statutory Authority: RCW 46.37.005. 79-09-092 (Order 7201A), § 204-68-080, filed 8/31/79.] Repealed by 90-18-045, filed 8/30/90, effective 9/30/90. Statutory Authority: RCW 34.05.-220.

204-68-090 Copying. [Statutory Authority: RCW 46.37.005. 79-09-092 (Order 7201A), § 204-68-090, filed 8/31/79.] Repealed by 90-18-045, filed 8/30/90, effective 9/30/90. Statutory Authority: RCW 34.05.220.

204-68-100 Exemptions. [Statutory Authority: RCW 46.37.005. 79-09-092 (Order 7201A), § 204-68-100, filed 8/31/79.] Repealed by 90-18-045, filed 8/30/90, effective 9/30/90. Statutory Authority: RCW 34.05.220.

204-68-110 Review of denials of public records requests. [Statutory Authority: RCW 46.37.005. 79-09-092 (Order 7201A), § 204-68-110, filed 8/31/79.] Repealed by 90-18-045, filed 8/30/90, effective 9/30/90. Statutory Authority: RCW 34.05.220.

204-68-120 Protection of public records. [Statutory Authority: RCW 46.37.005. 79-09-092 (Order 7201A), § 204-68-120, filed 8/31/79.] Repealed by 90-18-045, filed 8/30/90, effective 9/30/90. Statutory Authority: RCW 34.05.220.

204-68-130 Request for information. [Statutory Authority: RCW 46.37.005. 79-09-092 (Order 7201A), § 204-68-130, filed 8/31/79.] Repealed by 90-18-045, filed 8/30/90, effective 9/30/90. Statutory Authority: RCW 34.05.-220.

204-68-140 Adoption of form. [Statutory Authority: RCW 46.37.-005. 79-09-092 (Order 7201A), § 204-68-140, filed 8/31/79.] Repealed by 90-18-045, filed 8/30/90, effective 9/30/90. Statutory Authority: RCW 34.05.220.

**Chapter 204-72**

**STANDARDS FOR MOUNTING, ADJUSTING, AND AIMING OF LAMPS**

204-72-010 Promulgation. [Statutory Authority: RCW 46.37.005 and 46.37.320. 81-01-009 (Order 80-12-01), § 204-72-010, filed 12/5/80.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.

204-72-020 Purpose. [Statutory Authority: RCW 46.37.005 and 46.37.320. 81-01-009 (Order 80-12-01), § 204-72-020, filed 12/5/80.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.

204-72-030 Mounting requirements, general. [Statutory Authority: RCW 46.37.005 and 46.37.320. 98-04-054, § 204-72-030, filed 1/30/98, effective 3/2/98; 81-01-009 (Order 80-12-01), § 204-72-030, filed 12/5/80.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.

204-72-040 Mounting requirements, specific. [Statutory Authority: RCW 46.37.005 and 46.37.320. 98-04-054, § 204-72-040, filed 1/30/98, effective 3/2/98. Statutory Authority: RCW 46.37.005 and 46.37.180. 97-12-061, § 204-72-040, filed 6/3/97, effective 7/4/97. Statutory Authority: RCW 46.37.005 and 46.37.320. 81-01-009 (Order 80-12-01), § 204-72-040, filed 12/5/80.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.

204-72-050 Adjusting and aiming requirements, general. [Statutory Authority: RCW 46.37.005 and 46.37.320. 81-01-009 (Order 80-12-01), § 204-72-050, filed 12/5/80.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.

204-72-060 Adjusting and aiming requirements, specific. [Statutory Authority: RCW 46.37.005 and 46.37.320. 81-01-009 (Order 80-12-01), § 204-72-060, filed 12/5/80.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.

**Chapter 204-74**

**STANDARDS FOR SCHOOL BUS WARNING LIGHTS**

204-74-010 Promulgation. [Statutory Authority: RCW 46.37.290. 88-15-051 (Order 88-05-ESR), § 204-74-010, filed 7/18/88; 80-10-006 (Order 80-07-01), § 204-74-010,

- filed 7/25/80.] Repealed by 90-18-046, filed 8/30/90, effective 9/30/90. Statutory Authority: RCW 46.37.005 and 46.37.290.
- 204-74-020 Purpose. [Statutory Authority: RCW 46.37.290. 80-10-006 (Order 80-07-01), § 204-74-020, filed 7/25/80.] Repealed by 90-18-046, filed 8/30/90, effective 9/30/90. Statutory Authority: RCW 46.37.005 and 46.37.290.
- 204-74-030 Scope. [Statutory Authority: RCW 46.37.290. 80-10-006 (Order 80-07-01), § 204-74-030, filed 7/25/80.] Repealed by 90-18-046, filed 8/30/90, effective 9/30/90. Statutory Authority: RCW 46.37.005 and 46.37.290.
- 204-74-040 Standards for warning lamps. [Statutory Authority: RCW 46.37.290. 88-15-051 (Order 88-05-ESR), § 204-74-040, filed 7/18/88; 80-10-006 (Order 80-07-01), § 204-74-040, filed 7/25/80.] Repealed by 90-18-046, filed 8/30/90, effective 9/30/90. Statutory Authority: RCW 46.37.005 and 46.37.290.
- 204-74-050 Mounting of lamps. [Statutory Authority: RCW 46.37-290. 80-10-006 (Order 80-07-01), § 204-74-050, filed 7/25/80.] Repealed by 90-18-046, filed 8/30/90, effective 9/30/90. Statutory Authority: RCW 46.37.005 and 46.37.290.
- 204-74-060 Aiming of lamps. [Statutory Authority: RCW 46.37-290. 80-10-006 (Order 80-07-01), § 204-74-060, filed 7/25/80.] Repealed by 90-18-046, filed 8/30/90, effective 9/30/90. Statutory Authority: RCW 46.37.005 and 46.37.290.
- 204-74-070 Operation of lamps. [Statutory Authority: RCW 46.37-290. 80-10-006 (Order 80-07-01), § 204-74-070, filed 7/25/80.] Repealed by 90-18-046, filed 8/30/90, effective 9/30/90. Statutory Authority: RCW 46.37.005 and 46.37.290.
- 204-74-080 Effective date. [Statutory Authority: RCW 46.37.290. 80-10-006 (Order 80-07-01), § 204-74-080, filed 7/25/80.] Repealed by 90-18-046, filed 8/30/90, effective 9/30/90. Statutory Authority: RCW 46.37.005 and 46.37.290.

**Chapter 204-74A****STANDARDS FOR SCHOOL BUS WARNING LAMPS**

- 204-74A-010 Authority. [Statutory Authority: RCW 46.37.290 and 46.37.005. 90-18-047, § 204-74A-010, filed 8/30/90, effective 9/30/90.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.
- 204-74A-020 Purpose. [Statutory Authority: RCW 46.37.290 and 46.37.005. 90-18-047, § 204-74A-020, filed 8/30/90, effective 9/30/90.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.
- 204-74A-030 Scope. [Statutory Authority: RCW 46.37.290 and 46.37.005. 90-18-047, § 204-74A-030, filed 8/30/90, effective 9/30/90.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.
- 204-74A-040 Eight lamp warning system. [Statutory Authority: RCW 46.37.290, 46.37.005. 05-02-020, § 204-74A-040, filed 12/27/04, effective 1/27/05; 90-18-047, § 204-74A-040, filed 8/30/90, effective 9/30/90.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.
- 204-74A-050 Operation of lamps. [Statutory Authority: RCW 46.37-290, 46.37.005. 05-02-020, § 204-74A-050, filed 12/27/04, effective 1/27/05. Statutory Authority: RCW 46.37.005. 94-01-179, § 204-74A-050, filed 12/22/93, effective 1/22/94. Statutory Authority: RCW 46.37.290 and 46.37.005. 90-18-047, § 204-74A-050, filed 8/30/90, effective 9/30/90.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.
- 204-74A-060 Additional hazard strobe lamp. [Statutory Authority: RCW 46.37.290, 46.37.005. 05-02-020, § 204-74A-060, filed 12/27/04, effective 1/27/05. Statutory Authority: RCW 46.37.290. 92-09-050, § 204-74A-060, filed 4/13/92, effective 5/14/92. Statutory Authority: RCW 46.37.290 and 46.37.005. 90-18-047, § 204-74A-060, filed 8/30/90, effective 9/30/90.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.

**Chapter 204-78****STANDARDS FOR MOTORCYCLE HEADLAMP MODULATOR**

- 204-78-010 Promulgation. [Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and

46.37.380. 81-18-008 (Order 81-08-02), § 204-78-010, filed 8/21/81.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.

- 204-78-020 Scope. [Statutory Authority: RCW 46.37.005, 46.37-194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380. 81-18-008 (Order 81-08-02), § 204-78-020, filed 8/21/81.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.
- 204-78-030 Definitions. [Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37-380. 81-18-008 (Order 81-08-02), § 204-78-030, filed 8/21/81.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.
- 204-78-040 Location of light modulator. [Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380. 81-18-008 (Order 81-08-02), § 204-78-040, filed 8/21/81.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.
- 204-78-050 Parameter specifications for light modulators. [Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380. 81-18-008 (Order 81-08-02), § 204-78-050, filed 8/21/81.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.

**Chapter 204-80****STANDARDS FOR HEADLAMP FLASHING SYSTEMS**

- 204-80-010 Promulgation. [Statutory Authority: RCW 46.37.320. 88-15-054 (Order 88-06-ESR), § 204-80-010, filed 7/18/88. Statutory Authority: RCW 46.37.005, 46.37-194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380. 81-18-008 (Order 81-08-02), § 204-80-010, filed 8/21/81.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.
- 204-80-020 Scope. [Statutory Authority: RCW 46.37.005, 46.37.280 and 46.37.310. 99-02-045, § 204-80-020, filed 1/4/99, effective 2/4/99. Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380. 81-18-008 (Order 81-08-02), § 204-80-020, filed 8/21/81.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.
- 204-80-030 Definitions. [Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37-380. 81-18-008 (Order 81-08-02), § 204-80-030, filed 8/21/81.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.
- 204-80-040 Operating unit. [Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37-380. 81-18-008 (Order 81-08-02), § 204-80-040, filed 8/21/81.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.
- 204-80-050 Indicator lamp. [Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37-380. 81-18-008 (Order 81-08-02), § 204-80-050, filed 8/21/81.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.
- 204-80-060 Approval. [Statutory Authority: RCW 46.37.320. 88-15-054 (Order 88-06-ESR), § 204-80-060, filed 7/18/88.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.

**Chapter 204-82****STANDARDS FOR MOTOR VEHICLE SUN SCREENING DEVICES**

- 204-82-010 Authority. [Statutory Authority: RCW 46.37.430 and 46.37.005. 85-20-089 (Order 001-85), § 204-82-010, filed 10/1/85.] Repealed by 89-24-023, filed 11/30/89, effective 12/31/89. Statutory Authority: RCW 47.37-005 [46.37.005]. Later promulgation, see WAC 204-82A-010.
- 204-82-020 Purpose. [Statutory Authority: RCW 46.37.430 and 46.37.005. 85-20-089 (Order 001-85), § 204-82-020, filed 10/1/85.] Repealed by 89-24-023, filed 11/30/89, effective 12/31/89. Statutory Authority: RCW 47.37-

- 005 [46.37.005]. Later promulgation, see WAC 204-82A-020.
- 204-82-030 Scope. [Statutory Authority: RCW 46.37.430 and 46.37.005. 85-20-089 (Order 001-85), § 204-82-030, filed 10/1/85.] Repealed by 89-24-023, filed 11/30/89, effective 12/31/89. Statutory Authority: RCW 47.37-005 [46.37.005]. Later promulgation, see WAC 204-82A-030.
- 204-82-040 Definitions. [Statutory Authority: RCW 46.37.430 and 46.37.005. 85-20-089 (Order 001-85), § 204-82-040, filed 10/1/85.] Repealed by 89-24-023, filed 11/30/89, effective 12/31/89. Statutory Authority: RCW 47.37-005 [46.37.005]. Later promulgation, see WAC 204-82A-040.
- 204-82-050 Glazing locations and restrictions. [Statutory Authority: RCW 46.37.430 and 46.37.005. 85-20-089 (Order 001-85), § 204-82-050, filed 10/1/85.] Repealed by 89-24-023, filed 11/30/89, effective 12/31/89. Statutory Authority: RCW 47.37.005 [46.37.005]. Later promulgation, chapter 204-82A WAC.
- 204-82-060 Certification by manufacturers. [Statutory Authority: RCW 46.37.430 and 46.37.005. 85-20-089 (Order 001-85), § 204-82-060, filed 10/1/85.] Repealed by 89-24-023, filed 11/30/89, effective 12/31/89. Statutory Authority: RCW 47.37.005 [46.37.005].

**Chapter 204-82A**

**MOTOR VEHICLE SUNSCREENING DEVICES**

- 204-82A-010 Authority. [Statutory Authority: RCW 47.37.005 [46.37.005]. 89-24-023, § 204-82A-010, filed 11/30/89, effective 12/31/89. Formerly WAC 204-82-010.] Repealed by 08-19-079, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37.005 and 46.37.320.
- 204-82A-020 Purpose. [Statutory Authority: RCW 46.37.005. 90-18-048, § 204-82A-020, filed 8/30/90, effective 9/30/90; 89-24-023, § 204-82A-020, filed 11/30/89, effective 12/31/89. Formerly WAC 204-82-020.] Repealed by 08-19-079, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37.005 and 46.37.320.
- 204-82A-030 Scope. [Statutory Authority: RCW 47.37.005 [46.37-005]. 89-24-023, § 204-82A-030, filed 11/30/89, effective 12/31/89. Formerly WAC 204-82-030.] Repealed by 08-19-079, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37.005 and 46.37.320.
- 204-82A-040 Definitions. [Statutory Authority: RCW 46.37.005. 90-18-048, § 204-82A-040, filed 8/30/90, effective 9/30/90; 89-24-023, § 204-82A-040, filed 11/30/89, effective 12/31/89. Formerly WAC 204-82-040.] Repealed by 08-19-079, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37.005 and 46.37.320.
- 204-82A-050 Maximum levels of suncreening and other restrictions. [Statutory Authority: RCW 46.37.005. 90-18-048, § 204-82A-050, filed 8/30/90, effective 9/30/90; 89-24-023, § 204-82A-050, filed 11/30/89, effective 12/31/89. Formerly chapter 284-82 WAC.] Repealed by 08-19-079, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37.005 and 46.37.320.
- 204-82A-060 Exceptions. [Statutory Authority: RCW 46.37.005. 03-12-013, § 204-82A-060, filed 5/27/03, effective 6/27/03. Statutory Authority: RCW 47.37.005 [46.37-005]. 89-24-023, § 204-82A-060, filed 11/30/89, effective 12/31/89.] Repealed by 08-19-079, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37-005 and 46.37.320.
- 204-82A-070 Physical alteration of motor vehicle glazing material prohibited. [Statutory Authority: RCW 46.37.005. 93-15-075, § 204-82A-070, filed 7/19/93, effective 8/19/93; 90-18-048, § 204-82A-070, filed 8/30/90, effective 9/30/90.] Repealed by 08-19-079, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37.005 and 46.37.320.

**Chapter 204-84**

**STANDARDS FOR SIRENS**

- 204-84-010 Promulgation. [Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37-380. 81-18-008 (Order 81-08-02), § 204-84-010, filed 8/21/81.] Repealed by 93-11-018, filed 5/6/93, effective 6/6/93. Statutory Authority: RCW 46.37.005.
- 204-84-020 Scope. [Statutory Authority: RCW 46.37.005, 46.37-194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380. 81-18-008 (Order 81-08-02), § 204-84-020, filed

- 8/21/81.] Repealed by 93-11-018, filed 5/6/93, effective 6/6/93. Statutory Authority: RCW 46.37.005.
- 204-84-030 Definitions. [Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380. 81-18-008 (Order 81-08-02), § 204-84-030, filed 8/21/81.] Repealed by 93-11-018, filed 5/6/93, effective 6/6/93. Statutory Authority: RCW 46.37.005.
- 204-84-040 Identification markings. [Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380. 81-18-008 (Order 81-08-02), § 204-84-040, filed 8/21/81.] Repealed by 93-11-018, filed 5/6/93, effective 6/6/93. Statutory Authority: RCW 46.37.005.
- 204-84-050 Instrumentation for testing. [Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380. 81-18-008 (Order 81-08-02), § 204-84-050, filed 8/21/81.] Repealed by 93-11-018, filed 5/6/93, effective 6/6/93. Statutory Authority: RCW 46.37.005.
- 204-84-060 Testing sites. [Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37-380. 81-18-008 (Order 81-08-02), § 204-84-060, filed 8/21/81.] Repealed by 93-11-018, filed 5/6/93, effective 6/6/93. Statutory Authority: RCW 46.37.005.
- 204-84-070 Microphone and personnel stations. [Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380. 81-18-008 (Order 81-08-02), § 204-84-070, filed 8/21/81.] Repealed by 93-11-018, filed 5/6/93, effective 6/6/93. Statutory Authority: RCW 46.37.005.
- 204-84-080 Siren test procedures. [Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380. 81-18-008 (Order 81-08-02), § 204-84-080, filed 8/21/81.] Repealed by 93-11-018, filed 5/6/93, effective 6/6/93. Statutory Authority: RCW 46.37.005.
- 204-84-090 Siren requirements. [Statutory Authority: RCW 46.37-005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380. 81-18-008 (Order 81-08-02), § 204-84-090, filed 8/21/81.] Repealed by 93-11-018, filed 5/6/93, effective 6/6/93. Statutory Authority: RCW 46.37.005.
- 204-84-100 Mounting requirements. [Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380. 81-18-008 (Order 81-08-02), § 204-84-100, filed 8/21/81.] Repealed by 93-11-018, filed 5/6/93, effective 6/6/93. Statutory Authority: RCW 46.37.005.

**Chapter 204-88**

**EMERGENCY VEHICLE LIGHTING**

- 204-88-010 Promulgation. [Statutory Authority: RCW 46.37.190. 88-15-053 (Order 88-07-ESR), § 204-88-010, filed 7/18/88. Statutory Authority: RCW 46.37.420, 46.37-190, 46.37.194 and 46.37.280. 82-16-047 (Order 82-07-01), § 204-88-010, filed 7/29/82.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.
- 204-88-020 Purpose. [Statutory Authority: RCW 46.37.420, 46.37.190, 46.37.194 and 46.37.280. 82-16-047 (Order 82-07-01), § 204-88-020, filed 7/29/82.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.
- 204-88-030 Definitions. [Statutory Authority: RCW 46.37.194, 91-14-003 (Order 91-002), § 204-88-030, filed 6/21/91, effective 7/22/91. Statutory Authority: RCW 46.37-005, 46.37.190, 46.37.194 and 46.37.280. 90-06-056, § 204-88-030, filed 3/5/90, effective 4/5/90. Statutory Authority: RCW 46.37.190. 88-15-053 (Order 88-07-ESR), § 204-88-030, filed 7/18/88. Statutory Authority: RCW 46.37.420, 46.37.190, 46.37.194 and 46.37.280. 82-16-047 (Order 82-07-01), § 204-88-030, filed 7/29/82.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.
- 204-88-040 Lighting for authorized emergency vehicles. [Statutory Authority: RCW 46.37.420, 46.37.190, 46.37.194 and 46.37.280. 82-16-047 (Order 82-07-01), § 204-88-040, filed 7/29/82.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37-005 and 46.37.320.
- 204-88-050 Lighting for law enforcement vehicles. [Statutory Authority: RCW 46.37.420, 46.37.190, 46.37.194 and 46.37.280. 82-16-047 (Order 82-07-01), § 204-88-050, filed 7/29/82.] Repealed by 08-19-104, filed 9/17/08,



	effective 10/18/08. Statutory Authority: RCW 46.37-005 and 46.37.320.	204-90-120	Suspension. [Statutory Authority: RCW 46.37.005 and 46.37.320. 05-20-091, § 204-90-120, filed 10/5/05, effective 11/5/05; 98-04-052, § 204-90-120, filed 1/30/98, effective 3/2/98. Statutory Authority: RCW 46.37.005. 83-11-028 (Order 83-05-01), § 204-90-120, filed 5/13/83.] Repealed by 08-19-079, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37-005 and 46.37.320.
204-88-060	Lighting prohibited. [Statutory Authority: RCW 46.37-420, 46.37.190, 46.37.194 and 46.37.280. 82-16-047 (Order 82-07-01), § 204-88-060, filed 7/29/82.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.		
204-88-070	Approved lighting devices required. [Statutory Authority: RCW 46.37.190. 88-15-053 (Order 88-07-ESR), § 204-88-070, filed 7/18/88. Statutory Authority: RCW 46.37.420, 46.37.190, 46.37.194 and 46.37.280. 82-16-047 (Order 82-07-01), § 204-88-070, filed 7/29/82.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.	204-90-130	Exhaust system. [Statutory Authority: RCW 46.37.005. 83-11-028 (Order 83-05-01), § 204-90-130, filed 5/13/83.] Repealed by 08-19-079, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37.005 and 46.37.320.
		204-90-140	Electrical system requirements. [Statutory Authority: RCW 46.37.005 and 46.37.320. 99-18-027, § 204-90-140, filed 8/24/99, effective 9/24/99; 98-04-052, § 204-90-140, filed 1/30/98, effective 3/2/98. Statutory Authority: RCW 46.37.005. 83-11-028 (Order 83-05-01), § 204-90-140, filed 5/13/83.] Repealed by 08-19-079, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37.005 and 46.37.320.
<b>Chapter 204-90</b>			
<b>MINIMUM REQUIREMENTS FOR CONSTRUCTION AND EQUIPMENT OF SPECIAL MOTOR VEHICLES</b>			
204-90-010	Purpose. [Statutory Authority: RCW 46.37.005. 83-11-028 (Order 83-05-01), § 204-90-010, filed 5/13/83.] Repealed by 08-19-079, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37.005 and 46.37.320.		
204-90-020	Scope. [Statutory Authority: RCW 46.37.005. 83-11-028 (Order 83-05-01), § 204-90-020, filed 5/13/83.] Repealed by 08-19-079, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37.005 and 46.37.320.	204-91-010	Authority. [Statutory Authority: 1985 c 377 and RCW 46.37.005. 85-20-100 (Order 003-85), § 204-91-010, filed 10/1/85, effective 1/1/86. Formerly WAC 204-66-010.] Repealed by 89-14-015 (Order 89-04-ESR), filed 6/23/89. Statutory Authority: RCW 46.35.005 [46.37-005].
204-90-030	Definitions. [Statutory Authority: RCW 46.37.005 and 46.37.320. 98-04-052, § 204-90-030, filed 1/30/98, effective 3/2/98. Statutory Authority: RCW 46.37.005. 88-01-017 (Order 87-03-ESR), § 204-90-030, filed 12/8/87; 83-11-028 (Order 83-05-01), § 204-90-030, filed 5/13/83.] Repealed by 08-19-079, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37-005 and 46.37.320.	204-91-020	Purpose. [Statutory Authority: 1985 c 377 and RCW 46.37.005. 85-20-100 (Order 003-85), § 204-91-020, filed 10/1/85, effective 1/1/86. Formerly WAC 204-66-020.] Repealed by 89-14-015 (Order 89-04-ESR), filed 6/23/89. Statutory Authority: RCW 46.35.005 [46.37-005].
204-90-040	Body requirements. [Statutory Authority: RCW 46.37-005 and 46.37.320. 98-04-052, § 204-90-040, filed 1/30/98, effective 3/2/98. Statutory Authority: RCW 46.37.005, 46.37.513 and 46.37.517. 97-04-055, § 204-90-040, filed 2/3/97, effective 3/6/97. Statutory Authority: RCW 46.37.005. 83-11-028 (Order 83-05-01), § 204-90-040, filed 5/13/83.] Repealed by 08-19-079, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37.005 and 46.37.320.	204-91-030	Definitions. [Statutory Authority: 1985 c 377 and RCW 46.37.005. 85-20-100 (Order 003-85), § 204-91-030, filed 10/1/85, effective 1/1/86. Formerly WAC 204-66-030.] Repealed by 89-14-015 (Order 89-04-ESR), filed 6/23/89. Statutory Authority: RCW 46.35.005 [46.37-005].
204-90-050	Glazing material/driver visibility. [Statutory Authority: RCW 46.37.005. 83-11-028 (Order 83-05-01), § 204-90-050, filed 5/13/83.] Repealed by 08-19-079, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37.005 and 46.37.320.	204-91-040	Application for letter of appointment. [Statutory Authority: 1985 c 377 and RCW 46.37.005. 85-20-100 (Order 003-85), § 204-91-040, filed 10/1/85, effective 1/1/86. Formerly WAC 204-66-040.] Repealed by 89-14-015 (Order 89-04-ESR), filed 6/23/89. Statutory Authority: RCW 46.35.005 [46.37.005].
204-90-060	Instrumentation. [Statutory Authority: RCW 46.37.005. 83-11-028 (Order 83-05-01), § 204-90-060, filed 5/13/83.] Repealed by 08-19-079, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37.005 and 46.37.320.	204-91-050	Application. [Statutory Authority: RCW 46.37.005. 87-16-033 (Order 87-02-ESR), § 204-91-050, filed 7/27/87. Statutory Authority: 1985 c 377 and RCW 46.37.005. 85-20-100 (Order 003-85), § 204-91-050, filed 10/1/85, effective 1/1/86.] Repealed by 89-14-015 (Order 89-04-ESR), filed 6/23/89. Statutory Authority: RCW 46.35.005 [46.37.005].
204-90-070	Rear view mirror. [Statutory Authority: RCW 46.37-005 and 46.37.320. 98-04-052, § 204-90-070, filed 1/30/98, effective 3/2/98. Statutory Authority: RCW 46.37.005. 83-11-028 (Order 83-05-01), § 204-90-070, filed 5/13/83.] Repealed by 08-19-079, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37-005 and 46.37.320.	204-91-060	Certificate of approval. [Statutory Authority: RCW 46.37.005. 87-16-033 (Order 87-02-ESR), § 204-91-060, filed 7/27/87. Statutory Authority: 1985 c 377 and RCW 46.37.005. 85-20-100 (Order 003-85), § 204-91-060, filed 10/1/85, effective 1/1/86.] Repealed by 89-14-015 (Order 89-04-ESR), filed 6/23/89. Statutory Authority: RCW 46.35.005 [46.37.005].
204-90-080	Accelerator control systems. [Statutory Authority: RCW 46.37.005. 83-11-028 (Order 83-05-01), § 204-90-080, filed 5/13/83.] Repealed by 08-19-079, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37-005 and 46.37.320.	204-91-070	Inspections. [Statutory Authority: 1985 c 377 and RCW 46.37.005. 85-20-100 (Order 003-85), § 204-91-070, filed 10/1/85, effective 1/1/86. Formerly WAC 204-66-060.] Repealed by 89-14-015 (Order 89-04-ESR), filed 6/23/89. Statutory Authority: RCW 46.35.005 [46.37-005].
204-90-090	Brakes. [Statutory Authority: RCW 46.37.005. 83-11-028 (Order 83-05-01), § 204-90-090, filed 5/13/83.] Repealed by 08-19-079, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37.005 and 46.37.320.	204-91-080	Certification. [Statutory Authority: 1985 c 377 and RCW 46.37.005. 85-20-100 (Order 003-85), § 204-91-080, filed 10/1/85, effective 1/1/86. Formerly WAC 204-66-070.] Repealed by 89-14-015 (Order 89-04-ESR), filed 6/23/89. Statutory Authority: RCW 46.35-005 [46.37.005].
204-90-100	Fuel system. [Statutory Authority: RCW 46.37.005. 83-11-028 (Order 83-05-01), § 204-90-100, filed 5/13/83.] Repealed by 08-19-079, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37.005 and 46.37.320.	204-91-100	Issuance of a letter of appointment. [Statutory Authority: 1985 c 377 and RCW 46.37.005. 85-20-100 (Order 003-85), § 204-91-100, filed 10/1/85, effective 1/1/86. Formerly WAC 204-66-090.] Repealed by 89-14-015 (Order 89-04-ESR), filed 6/23/89. Statutory Authority: RCW 46.35.005 [46.37.005].
204-90-110	Steering. [Statutory Authority: RCW 46.37.005. 83-11-028 (Order 83-05-01), § 204-90-110, filed 5/13/83.] Repealed by 08-19-079, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37.005 and 46.37.320.	204-91-110	Suspension or revocation of letter of appointment. [Statutory Authority: 1985 c 377 and RCW 46.37.005. 85-20-100 (Order 003-85), § 204-91-110, filed 10/1/85, effective 1/1/86. Formerly WAC 204-66-100.]

- Repealed by 89-14-015 (Order 89-04-ESR), filed 6/23/89. Statutory Authority: RCW 46.35.005 [46.37-005].
- 204-91-120 Procedure. [Statutory Authority: 1985 c 377 and RCW 46.37.005. 85-20-100 (Order 003-85), § 204-91-120, filed 10/1/85, effective 1/1/86. Formerly WAC 204-66-120.] Repealed by 89-14-015 (Order 89-04-ESR), filed 6/23/89. Statutory Authority: RCW 46.35.005 [46.37-005].
- 204-91-130 Appeal. [Statutory Authority: 1985 c 377 and RCW 46.37.005. 85-20-100 (Order 003-85), § 204-91-130, filed 10/1/85, effective 1/1/86. Formerly WAC 204-66-130.] Repealed by 89-14-015 (Order 89-04-ESR), filed 6/23/89. Statutory Authority: RCW 46.35.005 [46.37-005].
- 204-91-140 Complaints. [Statutory Authority: 1985 c 377 and RCW 46.37.005. 85-20-100 (Order 003-85), § 204-91-140, filed 10/1/85, effective 1/1/86.] Repealed by 89-14-015 (Order 89-04-ESR), filed 6/23/89. Statutory Authority: RCW 46.35.005 [46.37.005].
- 204-91-150 Business office and business hours. [Statutory Authority: 1985 c 377 and RCW 46.37.005. 85-20-100 (Order 003-85), § 204-91-150, filed 10/1/85, effective 1/1/86.] Repealed by 89-14-015 (Order 89-04-ESR), filed 6/23/89. Statutory Authority: RCW 46.35.005 [46.37-005].
- 204-91-160 Towing procedure. [Statutory Authority: 1985 c 377 and RCW 46.37.005. 85-20-100 (Order 003-85), § 204-91-160, filed 10/1/85, effective 1/1/86. Formerly WAC 204-66-140.] Repealed by 89-14-015 (Order 89-04-ESR), filed 6/23/89. Statutory Authority: RCW 46.35-005 [46.37.005].
- 204-91-170 Tow zones. [Statutory Authority: 1985 c 377 and RCW 46.37.005. 85-20-100 (Order 003-85), § 204-91-170, filed 10/1/85, effective 1/1/86. Formerly WAC 204-66-150.] Repealed by 89-14-015 (Order 89-04-ESR), filed 6/23/89. Statutory Authority: RCW 46.35.005 [46.37-005].
- 204-91-180 Minimum standards for tow trucks. [Statutory Authority: 1985 c 377 and RCW 46.37.005. 85-20-100 (Order 003-85), § 204-91-180, filed 10/1/85, effective 1/1/86. Formerly WAC 204-66-160.] Repealed by 89-14-015 (Order 89-04-ESR), filed 6/23/89. Statutory Authority: RCW 46.35.005 [46.37.005].
- 204-91-190 Vehicle towing operator qualifications. [Statutory Authority: 1985 c 377 and RCW 46.37.005. 85-20-100 (Order 003-85), § 204-91-190, filed 10/1/85, effective 1/1/86. Formerly WAC 204-66-180.] Repealed by 89-14-015 (Order 89-04-ESR), filed 6/23/89. Statutory Authority: RCW 46.35.005 [46.37.005].
- 204-91-200 Effective date. [Statutory Authority: 1985 c 377 and RCW 46.37.005. 85-20-100 (Order 003-85), § 204-91-200, filed 10/1/85, effective 1/1/86. Formerly WAC 204-66-200.] Repealed by 89-14-015 (Order 89-04-ESR), filed 6/23/89. Statutory Authority: RCW 46.35-005 [46.37.005].

#### Chapter 204-92

#### WHEELCHAIR CONVEYANCES

- 204-92-010 Promulgation. [Statutory Authority: 1983 c 200 and 1983 c 215. 83-21-080 (Order 83-10-01), § 204-92-010, filed 10/19/83.] Repealed by 08-19-079, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37-005 and 46.37.320.
- 204-92-020 Purpose. [Statutory Authority: 1983 c 200 and 1983 c 215. 83-21-080 (Order 83-10-01), § 204-92-020, filed 10/19/83.] Repealed by 08-19-079, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37.005 and 46.37.320.
- 204-92-030 Definition. [Statutory Authority: 1983 c 200 and 1983 c 215. 83-21-080 (Order 83-10-01), § 204-92-030, filed 10/19/83.] Repealed by 08-19-079, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37.005 and 46.37.320.
- 204-92-040 Minimum speed requirements. [Statutory Authority: 1983 c 200 and 1983 c 215. 83-21-080 (Order 83-10-01), § 204-92-040, filed 10/19/83.] Repealed by 08-19-079, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37.005 and 46.37.320.
- 204-92-050 Equipment requirements on wheelchair conveyances. [Statutory Authority: 1983 c 200 and 1983 c 215. 83-21-080 (Order 83-10-01), § 204-92-050, filed 10/19/83.] Repealed by 08-19-079, filed 9/16/08, effective

10/17/08. Statutory Authority: RCW 46.37.005 and 46.37.320.

#### Chapter 204-94

#### REFLECTORIZED WARNING DEVICES

- 204-94-010 Authority. [Statutory Authority: RCW 46.37.450 and 46.37.005. 85-20-091 (Order 004-85), § 204-94-010, filed 10/1/85.] Repealed by 08-19-079, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37-005 and 46.37.320.
- 204-94-020 Purpose. [Statutory Authority: RCW 46.37.450 and 46.37.005. 85-20-091 (Order 004-85), § 204-94-020, filed 10/1/85.] Repealed by 08-19-079, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37-005 and 46.37.320.
- 204-94-030 Definition. [Statutory Authority: RCW 46.37.450 and 46.37.005. 85-20-091 (Order 004-85), § 204-94-030, filed 10/1/85.] Repealed by 08-19-079, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37-005 and 46.37.320.
- 204-94-040 Standards for reflectorized warning devices. [Statutory Authority: RCW 46.37.450 and 46.37.005. 85-20-091 (Order 004-85), § 204-94-040, filed 10/1/85.] Repealed by 08-19-079, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37.005 and 46.37.320.
- 204-94-050 Placement of reflectorized warning devices. [Statutory Authority: RCW 46.37.450 and 46.37.005. 85-20-091 (Order 004-85), § 204-94-050, filed 10/1/85.] Repealed by 08-19-079, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37.005 and 46.37.320.

#### Chapter 204-990

#### APPENDIX—SUBSTANTIVE REGULATIONS OF THE STATE COMMISSION ON EQUIPMENT

- 204-990 Appendix—Substantive regulations of the state commission on equipment. [Filed 3/21/60.] Repealed by 90-11-022, filed 5/9/90, effective 6/9/90. Statutory Authority: RCW 46.37.005.

#### Chapter 204-08 WAC

#### PRACTICE AND PROCEDURE

#### WAC

- 204-08-010 Definition.
- 204-08-020 Petitions for rule-making amendment or repeal.
- 204-08-030 Declaratory rulings.
- 204-08-040 Forms for declaratory rulings.
- 204-08-050 For promulgation, amendment, or repeal of commission regulations.
- 204-08-100 Procedure for obtaining approval of automotive equipment within the scope of RCW 46.37.005 and 46.37.320.

**WAC 204-08-010 Definition.** Whenever used in this title "commission," "commission on equipment," and "state commission on equipment" means the chief of the Washington state patrol.

[Statutory Authority: RCW 46.37.005. 87-16-032 (Order 87-01-ESR), § 204-08-010, filed 7/27/87; 78-08-078 (Order 7760), § 204-08-010, filed 7/27/78; Rule I, filed 3/21/60.]

**WAC 204-08-020 Petitions for rule-making amendment or repeal.** (1) Any interested person may petition the chief requesting the promulgation, amendment, or repeal of any regulation.

(2) Where the petition requests the promulgation of a regulation, the requested or proposed regulation must be set out in full. The petition must also include all the reasons for the requested regulation together with briefs of any applicable law. Where the petition requests the amendment or repeal of a regulation presently in effect, the regulation or portion of the regulation in question must be set out as well as the suggested amendment form if any. The petition must include all

reasons for the requested amendment or repeal of the regulation.

(3) All petitions shall be considered by the chief and he/she may, order a hearing for the further consideration and discussion of the requested promulgation, amendment, repeal, or modification of any regulation.

(4) The chief shall notify the petitioning party within a reasonable time of the disposition, if any, of the petition.

[Statutory Authority: RCW 46.37.005. 88-03-031 (Order 88-01-ESR), § 204-08-020, filed 1/15/88; Rule II, filed 3/21/60.]

**WAC 204-08-030 Declaratory rulings.** (1) As prescribed in RCW 34.04.080, any interested person may petition the chief for a declaratory ruling. The chief shall consider the petition and within a reasonable length of time shall:

(a) Issue a nonbinding declaratory ruling; or

(b) Notify the person that no declaratory ruling is to be issued; or

(c) Set a reasonable time and place for an oral hearing or the submission of written evidence upon the matter, and give reasonable notification to the person of the time and place for such hearing or submission and of the issues involved.

If a hearing as provided in subsection (c) is conducted, the chief shall within a reasonable time:

(1) Issue a binding declaratory rule; or

(2) Issue a nonbinding declaratory rule; or

(3) Notify the person that no declaratory ruling is to be issued.

[Statutory Authority: RCW 46.37.005. 88-03-031 (Order 88-01-ESR), § 204-08-030, filed 1/15/88; 78-08-078 (Order 7760), § 204-08-030, filed 7/27/78; Rule III, filed 3/21/60.]

**WAC 204-08-040 Forms for declaratory rulings.** Any interested person petitioning the chief for a declaratory ruling pursuant to RCW 34.04.080, shall generally adhere to the following form for such purpose.

(1) At the top of the page shall appear the wording "Before the chief of the Washington state patrol." On the left side of the page following the foregoing the following caption shall be set out: "In the matter of the petition of (name of petitioning party) for a declaratory ruling." Opposite the foregoing caption shall appear the word "petition."

(2) The body of the petition shall be set out in numbered paragraphs. The first paragraph shall state the name and address of the petitioning party. The second paragraph shall state all rules or statutes that may be brought into issue by the petition. Succeeding paragraphs shall set out the state of facts relied upon in form similar to that applicable to complaints in civil actions before the superior courts of this state. The concluding paragraphs shall contain the prayer of the petitioner. The petition shall be subscribed and verified in the manner prescribed for verification of complaints in the superior courts of this state.

(3) The original and two legible copies shall be filed with the agency. Petitions shall be on white paper 8 1/2" by 11" in size.

[Statutory Authority: RCW 46.37.005. 88-03-031 (Order 88-01-ESR), § 204-08-040, filed 1/15/88; Rule IV, filed 3/21/60.]

**WAC 204-08-050 For promulgation, amendment, or repeal of commission regulations.** Interested persons peti-

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tioning the chief requesting a promulgation, amendment, or repeal of any regulations shall generally adhere to the following form for such purpose.

(1) At the top of the page shall appear the wording "Before the chief of the Washington state patrol." On the left side of the page following the foregoing the following caption shall be set out: "In the matter of the petition of (name of petitioning party) for (state whether promulgation, amendment, or repeal) of rule (or rules)." Opposite the foregoing caption shall appear the word "petition."

(2) The body of the petition shall be set out in numbered paragraphs. The first paragraph shall state the name and address of the petitioning party and whether the petitioner seeks the promulgation of new rule or rules, or amendment or repeal of existing rule or rules. The second paragraph, in the case of a proposed new rule or rules or amendment of an existing rule, shall state the desired rule in its entirety. Where the petition is for amendment, the new matter shall be underscored and the matter proposed to be deleted shall appear in double parentheses. Where the petition is for repeal of an existing rule such shall be stated and the proposed to be repealed shall either be set forth in full or shall be referred to by rule number. The third paragraph shall set forth concisely the reason for the proposal of the petitioner and shall contain a statement as to the interest of the petitioner in the subject matter of the rule. Additional numbered paragraphs may be used to give full explanation of the petitioners reasons for the action sought.

(3) Petitions shall be dated and signed by the person or entity named in the first paragraph or by his attorney. The original and two legible copies of the petition shall be filed with the agency.

(4) Petitions shall be on white paper 8 1/2" by 11" in size.

[Statutory Authority: RCW 46.37.005. 88-03-031 (Order 88-01-ESR), § 204-08-050, filed 1/15/88; Rule V, filed 3/21/60.]

**WAC 204-08-100 Procedure for obtaining approval of automotive equipment within the scope of RCW 46.37.005 and 46.37.320.** (1) Method for obtaining approval.

(a) To obtain approval the petitioner must provide for submission of any lighting device, or other safety equipment, component, or assembly to any recognized organization or agency such as, but not limited to, the Vehicle Equipment Safety Commission, American National Standards Institute, Society of Automotive Engineers, and the American Association of Motor Vehicle Administrators, as the agent of the state commission on equipment, and for the issuance of an approved certificate by that recognized organization or agency to the state commission on equipment.

(b) If any lighting device, or other safety equipment, component, or assembly cannot be submitted to the organization or agency named in the above paragraph (a), then the petitioner must submit to the state commission on equipment the following:

(i) A copy of a test report from a nationally recognized testing laboratory certifying that the device meets the current specifications for that device as prescribed by the commission in chapter 204-10 WAC.

(ii) A sample of the device as marketed when requested by the commission on equipment.

(iii) Correspondence, test reports and samples are to be submitted to: Secretary, State Commission on Equipment, Washington State Patrol, General Administration Building AX-12, Olympia, Washington 98504.

(2) Forms and files of the state commission on equipment. Certificates of approval shall be on forms provided by the secretary of the state commission on equipment and the files of the state commission on equipment shall be kept by the secretary of the state commission on equipment in the offices of the Washington state patrol.

[Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380. 81-18-008 (Order 81-08-02), § 204-08-100, filed 8/21/81. Statutory Authority: RCW 46.37.005, 78-08-078 (Order 7760), § 204-08-100, filed 7/27/78; Rule VI, filed 3/21/60.]

## Chapter 204-10 WAC EQUIPMENT STANDARDS

### WAC

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### DISPOSITION OF SECTIONS FORMERLY CODIFIED IN THIS CHAPTER

204-10-020	Lighting devices. [Statutory Authority: RCW 46.37-005, 07-10-064, § 204-10-020, filed 4/30/07, effective 5/31/07. Statutory Authority: RCW 46.37.005 and 46.37.320. 99-18-027, § 204-10-020, filed 8/24/99, effective 9/24/99; 98-19-040, § 204-10-020, filed 9/11/98, effective 10/12/98; 98-04-053, § 204-10-020, filed 1/30/98, effective 3/2/98. Statutory Authority: RCW 46.37.005, 83-11-028 (Order 83-05-01), § 204-10-020, filed 5/13/83. Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380. 81-18-008 (Order 81-08-02), § 204-10-020, filed 8/21/81.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320.
204-10-035	Antique motor-driven cycles. [Statutory Authority: RCW 46.37.005 and 46.37.530. 97-03-087, § 204-10-035, filed 1/16/97, effective 2/16/97.] Repealed by 08-19-079, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37.005 and 46.37.320.
204-10-040	Motorcycle helmets. [Statutory Authority: RCW 46.37.005 and 46.37.530. 94-20-047, § 204-10-040, filed 9/29/94, effective 10/30/94. Statutory Authority: RCW 46.37.005, 91-22-056 (Order 91-008), § 204-10-040, filed 11/1/91, effective 12/2/91. Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380. 81-18-008 (Order 81-08-02), § 204-10-040, filed 8/21/81.] Repealed by 03-23-007, filed 11/7/03, effective 12/8/03. Statutory Authority: RCW 46.37.005 and 2003 c 197.
204-10-055	Child restraint systems. [Statutory Authority: 1983 c 200 and 1983 c 215. 83-21-080 (Order 83-10-01), § 204-10-055, filed 10/19/83.] Repealed by 08-19-079, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37.005 and 46.37.320.

204-10-100	Tire chains. [Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37-380. 81-18-008 (Order 81-08-02), § 204-10-100, filed 8/21/81.] Repealed by 98-04-053, filed 1/30/98, effective 3/2/98. Statutory Authority: RCW 46.37.005 and 46.37.320.
204-10-110	Traction devices. [Statutory Authority: RCW 46.37-005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380. 81-18-008 (Order 81-08-02), § 204-10-110, filed 8/21/81.] Repealed by 98-04-053, filed 1/30/98, effective 3/2/98. Statutory Authority: RCW 46.37.005 and 46.37.320.
204-10-130	Trailer hitches. [Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37-380. 81-18-008 (Order 81-08-02), § 204-10-130, filed 8/21/81.] Repealed by 98-04-053, filed 1/30/98, effective 3/2/98. Statutory Authority: RCW 46.37.005 and 46.37.320.
204-10-140	Motorcycle goggles, glasses, and face shields. [Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380. 81-18-008 (Order 81-08-02), § 204-10-140, filed 8/21/81.] Repealed by 98-04-053, filed 1/30/98, effective 3/2/98. Statutory Authority: RCW 46.37.005 and 46.37.320.
204-10-150	Load fastening devices. [Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380. 81-18-008 (Order 81-08-02), § 204-10-150, filed 8/21/81.] Repealed by 98-04-053, filed 1/30/98, effective 3/2/98. Statutory Authority: RCW 46.37.005 and 46.37.320.

**WAC 204-10-010 Promulgation.** By authority of RCW 46.37.005, 46.37.320, 46.37.400, and 46.37.530 (1)(b) the Washington state patrol hereby adopts the following rules setting forth standards for motor vehicle equipment for which approval is required in chapter 46.37 RCW.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 08-19-079, § 204-10-010, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380. 81-18-008 (Order 81-08-02), § 204-10-010, filed 8/21/81.]

**WAC 204-10-012 Purpose.** The purpose of this rule is to establish equipment requirements and provide limitations on the alteration of motor vehicle equipment in order to ensure that equipment used on motor vehicles complies with current safety standards.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 08-19-079, § 204-10-012, filed 9/16/08, effective 10/17/08.]

**WAC 204-10-014 Definitions.** (1) "Eye glasses" mean any spectacles, sunglasses, or goggles having two separately mounted lenses, but shall exclude contact lenses.

(2) "Goggles" means an optical device worn before the eyes, the predominant function of which is to protect the eyes without obstructing peripheral vision. They provide protection from the front and sides and may or may not form a complete seal with the face.

(3) "Face shield" means an eye protector attached to a helmet or headband(s) and which covers the wearer's eyes and face at least to a point approximately to the tip of the nose and whose predominant function is protection of the eyes.

(4) "FMVSS" means Federal Motor Vehicle Safety Standard, chapter 49 Code of Federal Regulations (CFR) Part 571.

(5) "Frame" means those parts of eye glasses or goggles containing the lens housings. The frame may be associated with padding.

(6) "Headband" means that part of the device consisting of a supporting band or other structure that either encircles the head or protective helmet, or can be attached thereto.

(7) "Motor vehicle" means passenger vehicles, multipurpose passenger vehicles, motorcycles, trucks and buses which are intended for use on public highways, excluding commercial vehicles as defined under RCW 46.04.140.

(8) "Motor vehicle window glazing" means glass material that meets the appropriate FMVSS for use in motor vehicles.

(9) "Recognized manufacturer" means a person, firm, copartnership, association, or corporation who is or has engaged in the business of manufacturing motor vehicles intended for use on the public highways and offered for sale in interstate commerce.

(10) "Recreational products" means any toys, cartoon characters, stuffed animals, signs, and other vision-reducing articles and materials that may be applied to or suspended near motor vehicle windows for entertainment and/or amusement purposes.

(11) "Reflectorized warning device" means any device defined in RCW 46.37.450 or any device composed of a reflective sheeting material which consists of spherical lens elements embedded with a transparent plastic having a smooth, flat outer surface. The sheeting shall be weather resistant and have a protected, low tac, precoated adhesive backing.

(12) "Reflex reflector" means a device that is used on vehicles to give an indication of presence to an approaching driver by reflecting light from the headlamps of the approaching vehicle.

(13) "SAE" means the Society of Automotive Engineers. Copies of the SAE Standards are available for review at the Washington State Patrol, 210 11th Avenue, Olympia, WA 98504, and may also be ordered from the Society of Automotive Engineers International, 400 Commonwealth Drive, Warrendale, PA 15086-7511.

(14) "Sunscreening devices" are those products and/or materials applied or installed on motor vehicle windows for the purpose of reducing adverse effects of the sun. Such devices include, but are not limited to, semipermanently installed roll-up style shades and louver materials as well as temporarily applied articles such as towels, sheets, and blankets.

(15) "Wheelchair conveyance" means any vehicle specially manufactured or designed for transportation of a physically or medically impaired person who is either wheelchair-bound or otherwise walking impaired. The vehicle may be a separate vehicle used in lieu of a wheelchair or a vehicle used for transporting the impaired person who is simultaneously occupying a wheelchair.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 08-19-079, § 204-10-014, filed 9/16/08, effective 10/17/08.]

**WAC 204-10-021 Adoption of federal standards.** The Washington state patrol adopts by reference Title 49 Code of Federal Regulations (CFR) Part 571 Federal Motor Vehicle Safety Standards (FMVSS) and any amendments thereto for vehicle equipment standards unless otherwise prescribed under state law. The FMVSS as outlined in Title 49 CFR 571 are as follows:

1. 101 - Controls and displays.
2. 102 - Transmission shift lever sequence, starter interlock, and transmission brake effect.
3. 103 - Windshield defrosting and defogging systems.
4. 104 - Windshield wiping and washing system.
5. 105 - Hydraulic and electric brake systems.
6. 106 - Brake hoses.
7. 108 - Lamps, reflective devices, and associated equipment.
8. 109 - New pneumatic tires.
9. 110 - Tire selection and rims for motor vehicles with a GVWR of 4,536 kilograms (10,000 pounds) or less.
10. 111 - Rearview mirrors.
11. 113 - Hood latch system.
12. 114 - Theft protection.
13. 116 - Motor vehicle brake fluids.
14. 117 - Retreaded pneumatic tires.
15. 118 - Power-operated window, partition, and roof panel systems.
16. 119 - New pneumatic tires for vehicles other than passenger cars.
17. 120 - Tire selection and rims for motor vehicles with a GVWR of more than 4,536 kilograms (10,000 pounds).
18. 121 - Air brake systems.
19. 122 - Motorcycle brake systems.
20. 123 - Motorcycle controls and displays.
21. 124 - Accelerator control systems.
22. 125 - Warning devices.
23. 129 - New nonpneumatic radial tires for light vehicles.
24. 131 - School bus pedestrian safety devices.
25. 135 - Light vehicle brake systems.
26. 138 - Tire pressure monitoring systems.
27. 139 - New pneumatic radial tires for light vehicles.
28. 201 - Occupant protection in interior impact.
29. 202 - Head restraints; mandatory applicability begins on September 1, 2008.
30. 203 - Impact protection for the driver from the steering control system.
31. 204 - Steering control rearward displacement.
32. 205 - Glazing materials.
33. 206 - Door locks and door retention components.
34. 207 - Seating systems.
35. 208 - Occupant crash protection.
36. 209 - Seat belt assemblies.
37. 210 - Seat belt assembly anchorages.
38. 212 - Windshield mounting.
39. 213 - Child restraint systems.
40. 214 - Side impact protection.
41. 216 - Roof crush resistance.
42. 217 - Bus emergency exits and window retention and release.
43. 218 - Motorcycle helmets.
44. 219 - Windshield zone intrusion.
45. 220 - School bus roll-over protection.
46. 221 - School bus body joint strength.
47. 222 - School bus passenger seating and crash protection.
48. 223 - Rear impact guards.
49. 224 - Rear impact protection.
50. 225 - Child restraint anchorage systems.

- 51. 301 - Fuel system integrity.
- 52. 302 - Flammability of interior materials.
- 53. 303 - Fuel system integrity of compressed natural gas vehicles.
- 54. 304 - Compressed natural gas fuel container integrity.
- 55. 305 - Electric-powered vehicles: Electrolyte spillage and electrical shock protection.
- 56. 401 - Internal trunk release.
- 57. 403 - Platform lift systems for motor vehicles.
- 58. 404 - Platform lift installations in motor vehicles.
- 59. 500 - Low speed vehicles.

Links to 49 CFR 571 are available on the Washington state patrol web site at [www.wsp.wa.gov](http://www.wsp.wa.gov). Copies of the CFR may also be ordered through the United States Government Printing Office, 732 N. Capitol Street N.W., Washington, D.C. 20401.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 08-19-079, § 204-10-021, filed 9/16/08, effective 10/17/08.]

**WAC 204-10-022 Body requirements.** (1) Defroster and defogging devices: Every enclosed motor vehicle must be equipped with a device capable of defogging and defrosting the windshield area. Vehicles or exact replicas of vehicles manufactured prior to January 1938 are exempt from this requirement.

(2) Door latches: Every enclosed motor vehicle equipped with side doors leading directly into a compartment that contains one or more seating accommodations must be equipped with door latches which firmly and automatically secure the door when pushed closed and which allow each door to be opened both from the inside and outside.

(3) Hoodlatches: A front opening hood must be equipped with a primary and a secondary latching system to hold the hood in a closed position.

Hoods are optional equipment on vehicles defined as street rods and kit vehicles by the Washington state patrol vehicle inspectors.

(4) Enclosed passenger compartment: A motor vehicle with an enclosed passenger compartment and powered by an internal combustion engine must be constructed to prevent the entry of exhaust fumes into the passenger compartment.

(5) Floor pan: A motor vehicle must be equipped with a floor pan under the entire passenger compartment capable of supporting the weight of the number of occupants that the vehicle is designed to carry.

(6) Bumpers: A motor vehicle must be equipped with a bumper on both the front and rear of the vehicle with the exception of motor vehicles where the original or predominant body configuration, provided by a recognized manufacturer, did not include such bumper or bumpers in the design of the vehicle. For the relevant model year, bumpers must accommodate recognized manufacturer impact absorption systems pursuant to applicable SAE Bumper Standards or equivalent standards.

Bumpers are optional equipment on vehicles defined as street rods and kit vehicles by the Washington state patrol vehicle inspectors.

Bumpers, unless specifically exempted above, must:

- (a) Be at least four and one-half inches in vertical height.

- (b) Be centered on the vehicle's centerline.
- (c) Extend no less than the width of the respective wheel track distances.
- (d) Be attached to the vehicle in a manner equivalent to the original manufacturer's installation.
- (e) Be horizontal load bearing and attach to the vehicle frame to effectively transfer energy when impacted.
- (f) Be mounted at a maximum height based on the original gross vehicle weight rating (GVWR) of the vehicle, measured from a level surface to the highest point on the bottom of the bumper. For vehicles exempted from the bumper requirement for the reasons stated above, a maximum frame elevation measurement must be made to the bottom of the frame rail. Maximum heights are as follows:

	Front	Back
Passenger Vehicles	22 Inches	22 Inches
4,500 lbs. and under	24 Inches	26 Inches
GVWR		
4,501 lbs. to 7,500 lbs.	27 Inches	29 Inches
GVWR		
7,501 lbs. and over	28 Inches	30 Inches
GVWR		

A blocker beam or additional bumper may not be used to meet the above requirements.

(g) If an existing bumper from a recognized manufacturer is not used and a special bumper is fabricated, it must be certified as meeting the bumper standards set under 49 CFR 581.

(7) Fenders: All wheels of a motor vehicle must be equipped with fenders designed to cover the entire tire tread width that comes in contact with the road surface. Coverage of the tire tread circumference must be from at least fifteen degrees in front and to at least seventy-five degrees to the rear of the vertical centerline at each wheel measured from the center of the wheel rotation. At no time can the tire come in contact with the body, fender, chassis, or suspension of the vehicle. Street rods and kit vehicles which are more than forty years old and are owned and operated primarily as a collector's item need not be equipped with fenders when the vehicle is used and driven during fair weather on well-maintained, hard-surfaced roads.

(8) Frame: A motor vehicle must be equipped with a frame. If an existing frame from a recognized manufacturer is not used and a special frame is fabricated, it must be constructed of wall box or continuous section tubing, wall channel, or unitized construction capable of supporting the vehicle, its load, and the torque produced by the power source under all conditions of operation. All welding on the frame must be completed by a certified welder and the structural strength of the frame must be certified by an engineer as meeting the applicable standards set under 49 CFR 571 Parts 201, 214, 216, and 220 through 224, and the SAE Standards.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 08-19-079, § 204-10-022, filed 9/16/08, effective 10/17/08.]

**WAC 204-10-024 Windows.** (1) Window glazing, manufactured and installed in accordance with 49 CFR 571.205 must not be etched or otherwise permanently altered if such glazing is installed in the windshield or any other win-

dow location of a motor vehicle passenger compartment. The only exception to this rule is the etching of the vehicle identification number permissible with the following provisions:

(a) The maximum height of the letters or numbers must not exceed one-half inch.

(b) The etched vehicle identification number must not be located in any position as to interfere with the vision of the occupant(s).

(2) The windshield must be framed and in such a position that it affords continuous horizontal frontal protection to the driver and front seat occupants. The minimum vertical height of the unobstructed windshield glass must be six inches, or as originally equipped by a recognized manufacturer.

(3) The vehicle must be provided with a windshield and side windows or openings which allow the driver a minimum outward horizontal vision capability, ninety degrees each side of a vertical plane passing through the fore and aft centerline of the vehicle. This range of vision:

(a) May be interrupted by window framing not exceeding four inches in width at each side location.

(b) Must have no obstruction forward of the windshield which extends more than two inches upward into the horizontally forward projected vision area of the windshield except windshield wiper components and hood ornaments identical to those originally installed by a recognized manufacturer. For the purposes of this section, the projected vision area of the windshield shall be defined as that area above a line from the top of the steering wheel to the top of the front fenders or hood, whichever is higher.

(4) Sunscreening devices and/or recreational products:

(a) Must not be applied to or suspended between the driver and the windshield or the windows to the immediate right and left of the driver.

(b) May be applied to other windows provided that such devices do not interfere, by their size or position, with the driver's ability to see other vehicles, persons, and objects and do not reduce the driver's area of vision uniformly and by no more than fifty percent, as measured on a horizontal plane.

(c) May be applied to the rear window, provided that the vehicle must be equipped with outside rear view mirrors on both the left and the right.

This rule does not permit or prohibit the use and placement of federal, state, or local certificates or decals on any window as are required or prohibited by applicable laws or regulations. Any such decal or certificate must, however, be of such size and placement so that the ability of the driver to safely operate the vehicle is not impaired.

(5) Due to the nature of use, function and operation of such vehicles, transit city buses are exempt from the provisions of subsection (4)(a) and (b) of this section. The following are exempted from the provisions of subsection (4)(b) of this section:

(a) Hearses.

(b) Ambulances.

(c) Limousines, passenger buses, and transit city buses used to transport persons for compensation.

Such vehicles must have mirrors on both the right and left to provide vision at least two hundred feet to the rear. This section does not limit liability of the operators and/or

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owners of such vehicles involved in accidents resulting from reduced visibility.

(6) If a windshield is not required under 49 CFR 571, the operator must wear eye protection as outlined in chapter 46.37 RCW and WAC 204-10-026.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 08-19-079, § 204-10-024, filed 9/16/08, effective 10/17/08.]

**WAC 204-10-026 Eye protection.** If a vehicle does not have a windshield, and the driver is required to wear eye protection, chapter 46.37 RCW, the eye protection device (EPD) must:

(1) Be one of the following: Goggles, face shield, or eye glasses.

(a) Eye glasses must:

(i) Have a convex frontal surface on each lens, or be an ophthalmic corrective lens.

(ii) Have a minimum area of three square inches or 19.356 square centimeters for each lens. The horizontal diameter (or side-to-side measurement) must be no less than two inches or 50 millimeters. The vertical diameter (or top-to-bottom measurement) must be no less than one and one-half inches or 38 millimeters. A diameter must pass through a point on the lens that is intended to be directly in front of the pupil of the eye when the wearer is looking straight ahead.

(b) Optical correction of a person's vision, where required or desired, may be provided either:

(i) By an EPD that provides the proper optical correction; or

(ii) By personal corrective lenses worn under an EPD that does not disturb the adjustment of those lenses.

(2) Not have any sharp edges or projections that could cause harm or discomfort to the wearer.

(3) Be made of durable quality.

Example: Material characteristics must not undergo appreciable alterations under the influence of aging or of the circumstances of use to which the device is normally subjected (exposure to sun, rain, cold, dust, vibrations, contact of the skin, effects of sweat, or of products applied to the hair or skin).

(4) Have a headband capable of holding the EPD securely under normal operating conditions. It must be capable of easy adjustment and replacement.

(5) Not use material(s) commonly known to cause skin irritation or disease for those parts of the device which come into contact with the skin.

(6) Where plastic materials are used, use noncombustible or slow burning materials.

(7) Not use cellulose nitrate, or materials having flammability characteristics approximately those of cellulose nitrate.

(8) Be tested on a standard human head form in a position simulating its position in actual use.

Example: Helmet-mounted face shields must be tested while attached to an appropriate medium-size helmet supplied by the manufacturer of the face shield, which must be mounted on a standard head form.

The test must:

(a) Use a steel projectile three-eighths inches in diameter, weighing 1.56 ounces approximately two and one-half inches long with a conical point of ninety degrees included

angle, the point having a spherical radius no greater than .020 inches and a hardness of 60(10) on the Rockwell "C" scale, which must be freely dropped from a height of fourteen feet above the EPD. The projectile may be guided, but not restricted in its vertical fall by dropping it through a tube extending to within approximately four inches of the impact area. The impact area must be on the forward optical surface and within one-inch diameter circle centered over the eye opening. The impact point shall be perpendicular to a plane tangent to the impact area.

(b) Not allow penetration of the projectile through the EPD. Cracking or piercing of the EPD is permissible provided that the projectile does not pass through or remain lodged in the EPD lens, but is repulsed by the EPD, and that no particles of the EPD shall break loose from any eyeward surface of the EPD.

(c) Be performed at room temperature (sixty-five degrees to eighty-five degrees F) under normal humidity conditions.

(d) If plastic materials are used, expose the EPD to a test to determine the flame-propagation rate. The specimen must be ignited by holding one end of the specimen horizontally at the top of a luminous three quarter-inch Bunsen burner flame in a draft-free room. The rate of propagation of burning, after removing the flame from the specimen, determined by a stop watch, shall be one inch or less per twenty-four seconds. A faster rate of propagation shall be cause for rejection.

(9) Have lenses that comply with the following requirements:

(a) Lenses must be made of material suitable for ophthalmic use, and must be free from striae, waves, bubbles, or any other defects which may impair their optical quality.

(b) The prismatic effect of a noncorrective lens must not exceed 1/8 diopter at any point with the specified minimum field of vision. In the case of eye glasses, each noncorrective lens must comply with the limitation of prismatic effect.

(c) In any meridian, the refractive power of a noncorrective lens must not exceed plus or minus 1/8 diopter and the difference between the refractive powers in any two meridians must not exceed 1/8 diopter.

(d) The definition afforded by a noncorrective lens must be such that a line pattern with lines separated not more than twenty-four seconds of angle must be clearly distinguishable when viewed through the lens.

(e) The compliance of a lens with the prismatic effects, refractive power, and definition requirements of (a), (b), and (c) of this subsection must be determined in accordance with those test methods described in Sections 6.3.4.1.1, 6.3.4.1.2, and 6.3.4.1.3 of the American National Standards Institute Standard Z87.1-1968, September 18, 1968, "Eye and Face Protection" and explained in Section 10.1 of the National Bureau of Standards Circular 533, May 20, 1953, "Method for Determining the Resolving Power of Photographic Lenses." In order to maintain consistency in the results of tests conducted by various organizations, the following test requirements must be met:

(i) An 8-power telescope with focusing arrangement to accommodate the refractive effects of both positive (converging) and negative (diverging) lenses placed between the telescope and test chart shall be used. The illuminated target and test chart shall be a central dot and a concentric circle one-

inch in diameter plus one of the high contrast ("black and white") NBS Resolution Test Charts, dated 1952, and printed on "Lens Resolution Chart to Accompany NBS Circular 533." The chart shall be perpendicularly aligned thirty-five feet from the objective lens of the telescope when the telescope is properly focused with no test, sample, or other lens between the objective lens and the chart. The center dot and the periphery of the concentric circle one-inch in diameter shall be used when testing for prismatic effect. The test pattern marked "20" shall be used when testing for refractive power and when testing for definition. Standard lenses of plus or minus 1/8 diopter shall be used when testing for refractive power.

(ii) Other standard methods of test or examination that are equivalent or superior, as regards to accuracy, quality, and consistency of results to (e)(i) of this subsection specified in National Bureau of Standards methods, may be used to determine compliance only when such methods are approved by the state official to whom such approving authority has been assigned, or delegated, through due process of applicable state law.

(10) Not obstruct a horizontal field of vision to at least one hundred five degrees to the right side of the plane that passes through the pupil of the right eye looking straight ahead, and at least one hundred five degrees to the left side of the plane that passes through the pupil of the left eye looking straight ahead, and are parallel to the midsagittal plane, except as provided in (a) of this subsection.

(a) The specified minimum horizontal field of vision must be unobstructed except that the horizontal field provided by the spectacles or sunglasses may be obstructed by the frame in a sector no greater than seven and one-half degrees in horizontal angular width and located between fifty degrees and eighty degrees of the pertinent sagittal plane passing through the eye pupil when looking straight ahead.

(b) When ascertaining the horizontal field of vision afforded by eyeglasses, the pupil of the eye must be assumed to be located 17 mm behind the point on the rear surface of the lens where the horizontal and vertical diameters intersect. When ascertaining the horizontal field of vision of EPDs other than eye glasses, the assumed location of the pupil of the eye relative to the structures of the EPD shall be that location which is most likely to occur when the EPD is attached and worn in accordance with its manufacturer's instructions.

(c) No portion of the minimum horizontal field of vision shall be obstructed by a temple piece, headband, helmet, helmet attaching device, or any other supporting or attaching device.

(11) Be clear (transmitting not less than eighty-five percent of incident visible radiation) or may be tinted provided that the tint does not impair the wearer's ability to discern color. If the EPD is tinted it must not be used at any time from a half hour after sunset to a half hour before sunrise and at any other time when due to insufficient light or unfavorable atmosphere conditions, persons and vehicles on the highway are not clearly discernible at a distance of five hundred feet ahead. The luminous transmittance must be determined by one of the following means:

(a) Photometrically by an observer having normal color vision, as determined by recognized color vision chart tests such as those employing pseudoisochromatic plates.



(b) With a physical photometer consisting of a thermopile (or other radiometer) and luminosity solution having a special transmittance curve which coincides closely with the luminous efficiency curve of the average eye.

(c) By measuring the special transmittance and calculating the luminous transmittance through the use of published data on the spectral radiant energy of CIE Source A and the relative luminous efficiency of the average eye.

The standard source of radiant energy used in the measurement of luminous transmittance must be a projection type lamp No. T-8 (or other high-powered, gas-filled tungsten filament incandescent lamp) operated at the color temperature (2854K) corresponding to CIE Source A.

(12) Be identified and labeled as follows:

(a) The EPD shall be permanently marked in a manner not to interfere with the vision of the wearer.

(b) The manufacturer's or distributor's trade name and model name or number, which shall correspond with the name and number under which the device has been approved or certified.

(c) That the device meets the standard VESC-8. Where space is limited, V-8 may be used in lieu of VESC-8.

(d) The information required under subsection (1) of this section plus the corporate or business name and address of either the actual manufacturer or the marketer assuming the responsibilities of the manufacturer shall be imprinted on the container in which the EPD is packed and on any instruction sheet(s) pertaining to the EPD.

(e) If the EPD is tinted, the following statement shall appear in a prominent location on the container or label: **This tinted eye protective device is for daytime use only.**

[Statutory Authority: RCW 46.37.005 and 46.37.320. 08-19-079, § 204-10-026, filed 9/16/08, effective 10/17/08.]

**WAC 204-10-028 Instrumentation and electrical system requirements.** (1) A motor vehicle must be equipped with an operating speedometer calibrated to indicate "miles per hour," and may also indicate "kilometers per hour."

(2) The headlamp circuit for a motor vehicle must be equipped with a driver-controlled high and low beam selector switch unless the vehicle is equipped with single beam headlamps.

(3) If a motor vehicle is manufactured after 1965, it must be equipped with a hazard warning switch causing all turn signal lamps to flash simultaneously.

(4) The headlamp switch for a motor vehicle must activate the headlamps, tail lamps, license plate lamp, and when required, marker lamps simultaneously.

(5) An indicator must be provided on a motor vehicle which indicates to the driver when the high beams of the headlamp system are energized. The indicator shall emit a light other than white plainly visible to the driver under normal driving conditions.

(6) A motor vehicle must be equipped with an operable horn capable of emitting sound audible under normal conditions from a distance of not less than two hundred feet. No horn or other warning device shall emit an unreasonably loud or harsh sound or whistle nor shall a bell or siren be used as a warning device. The device used to actuate the horn must be easily accessible to the driver when operating the vehicle.

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(7) A motor vehicle, if equipped with an automatic transmission, must be equipped with a safety switch that prevents the starter motor from being actuated except when the gear selector is in the neutral or park position.

(8) If the front signal lamp(s) on a motor vehicle are not readily visible to the driver, there must be an illumination indicator to give the operator a clear, unmistakable indication that the turn signal system is on. The illumination indicator must consist of one or more bright lights flashing at the same frequency as the signal lamps, and it must emit a light other than white.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 08-19-079, § 204-10-028, filed 9/16/08, effective 10/17/08.]

**WAC 204-10-030 Mirrors and backup alert devices.**

A motor vehicle must be equipped with mirrors as outlined under 49 CFR 571 and RCW 46.37.400. The mirror mountings must provide for mirror adjustment by tilting both horizontally and vertically. The following definitions must be used for additional backup alert devices or mirrors:

(1) Backup alert devices means any type of motion detection device, laser device, camera, or television device mounted on a truck with a cube-style, walk-in cargo box up to eighteen feet long, which will warn the driver of the detection of a person or object at a minimum of six feet to the rear of the vehicle and also encompass the width of the rear of the vehicle.

(2) Rear crossview mirrors mean any type of mirrors which, when mounted, will allow the driver of a truck with a cube-style, walk-in cargo box up to eighteen feet long, to view a minimum distance of six feet to the rear and encompass the width of the rear of the vehicle in order to be able to detect an object or person. These crossview mirrors must be installed in a manner that will satisfy the above requirements.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 08-19-079, § 204-10-030, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380. 81-18-008 (Order 81-08-02), § 204-10-030, filed 8/21/81.]

**WAC 204-10-032 Brakes.** (1) A motor vehicle must be equipped with brakes acting on all wheels. The service brakes, upon application, must be capable of stopping the vehicle within a twelve-foot lane, and:

(a) Developing an average tire to road braking or retardation force of not less than 52.8% of the gross vehicle weight;

(b) Decelerating the vehicle at a rate of not less than seventeen feet per second; or

(c) Stopping the vehicle within a distance of twenty-five feet from a speed of 20 mph.

Tests must be made on a level, dry, concrete or asphalt surface free from loose material.

(2) A motor vehicle must be equipped with a parking brake operating on at least two wheels on the same axle which, when applied, must be capable of holding the vehicle on any grade on which the vehicle is operated. Parking brakes must be separately actuated so that failure of any part of the service brake actuation system would not diminish the vehicle's parking brake holding capability.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 08-19-079, § 204-10-032, filed 9/16/08, effective 10/17/08.]

**WAC 204-10-034 Steering.** A motor vehicle must be equipped with a continuous rim steering wheel meeting the requirements set forth under RCW 46.37.375, and this chapter. The steering must:

- (1) Include a steering wheel which must:
  - (a) Have an outside diameter of not less than twelve inches.
  - (b) Not move less than two turns nor more than six turns.
  - (c) Remain unobstructed when turning from stop-to-stop.
  - (d) Have a box mount securely welded or bolted to the vehicle frame or other suitable location as originally installed by a recognized manufacturer.
  - (e) Have a distinct tendency for the vehicle to increase its turning radius when the steering wheel is released while the vehicle is in a sharp turn at a speed of between 5 and 15 mph.

Note: Stability tests must be performed on a dry, level concrete or asphalt road having no loose surface contaminant, and the vehicle's tires must be inflated to the recommended pressure in accordance with the tire load pursuant to 49 CFR 571.109 (FMVSS 109). The vehicle must contain a front seat passenger or simulated equivalent one hundred fifty pounds weight secured to the seat in addition to the driver.

(2) Have steering capability for negotiating right and left turns of a thirty-two foot radius or less measured from the center of the turn circle to the outside front wheel track.

(3) Not have more free play or lash in the steering system than is allowed based on the table outlined in RCW 46.37.375. The test for free play or lash must be conducted as follows: With the engine on and the wheels in the straight ahead position, turn the steering wheel in one direction until there is a perceptible movement of a front wheel. If a point on the steering wheel rim moves more than the value shown in the table before perceptible return movement of the wheel under observation, there is excessive lash or free play in the steering system.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 08-19-079, § 204-10-034, filed 9/16/08, effective 10/17/08.]

**WAC 204-10-036 Suspension.** A motor vehicle must be capable of stable, controlled operation while traversing a slalom-type path passing alternately to the left and right of at least four cones or markers arranged in a straight line and spaced sixty feet apart at a minimum speed of 25 mph.

Body lifts are permitted provided that they are manufactured by an aftermarket manufacturer, designed for the make and model vehicle on which they are installed, and installed according to the manufacturer's recommendations. Body lifts may not use more than a three-inch spacer and may not raise the body more than four inches above the frame when all components are installed.

A motor vehicle must:

- (1) Have a minimum ground clearance to allow the vehicle to be in motion on its four rims on a flat surface with no other parts of the vehicle touching that surface and a maximum ground clearance determined based on the table contained in WAC 204-10-022 (6)(f) bumpers.
- (2) Have spring mounts and shackles properly aligned and of sufficient strength so as to support the gross weight of the vehicle and provide free travel in an up and down movement under all conditions of operation.

(3) Incorporate antisway devices to control lateral movement in rear coil spring suspension systems.

(4) Have a suspension system that allows movement between the unsprung axles and wheels and the chassis body.

(5) Be equipped with a damping device at each wheel location. The dampening device must stop vertical body motion within two cycles when any corner of the vehicle is depressed and released.

(6) Be capable of providing a minimum relative motion of plus and minus two inches.

(7) Not use heating or welding for coil springs, leaf springs, or torsion bars.

(8) Not be constructed or loaded so that the weight on the wheels of any axle is less than thirty percent of the gross weight of the vehicle.

(9) Not raise or lower the height of a motor vehicle while the motor vehicle is traveling more than 15 mph on a public roadway with a posted speed limit of 25 mph or less. Except when lawfully participating in a parade permitted by local jurisdiction.

(10) At no time have any portion of any tire of such motor vehicle leave the surface of the roadway.

(11) Not have any portion of the vehicle or component of the hydraulic system used to raise or lower the vehicle cause or emit sparks.

Nothing in this section shall prohibit a county or city from enacting stricter regulations for aftermarket vehicle hydraulics on a public roadway.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 08-19-079, § 204-10-036, filed 9/16/08, effective 10/17/08.]

**WAC 204-10-038 Exhaust system.** A motor vehicle must be equipped with a leakproof exhaust system that includes the exhaust manifold(s), headers, the piping leading from the flange of the exhaust manifold(s), the muffler(s), and the tail piping.

Exhaust systems on property-carrying vehicles must:

(1) Discharge the exhaust fumes to the rear of that part of the vehicle designed and normally used for carrying the driver and passengers.

(2) Discharge the exhaust fumes at a location to the rear of the vehicle body or direct the exhaust fumes outward from the side of the vehicle body at a location rearward of any operable side windows.

(3) Not have any part of the exhaust system pass through any area of the vehicle that is used as a passenger compartment, nor in close proximity to the fuel system without being properly shielded.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 08-19-079, § 204-10-038, filed 9/16/08, effective 10/17/08.]

**WAC 204-10-045 Hands-free wireless communications systems.** Hands-free cellular telephone devices may be used by motorists while driving motor vehicles as long as the use complies with RCW 46.61.667. Listening devices that include an earpiece must cover or be attached to only one ear.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 08-19-079, § 204-10-045, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37.005 and 46.37.480. 97-10-024, § 204-10-045, filed 4/29/97, effective 5/30/97.]

**WAC 204-10-050 Reflectorized warning device.** Reflectorized warning devices used by law enforcement must:

(1) Conform to those devices described in RCW 46.37.450 and requirements of the Washington state department of transportation standard specifications for road, bridge, and municipal construction, Section 9-28.6, "Enclosed lens reflective sheeting." These specifications are available through the Washington State Patrol, 210 11th Avenue, Olympia, Washington 98504, or the Washington State Department of Transportation, 310 Maple Park Avenue, Olympia, Washington 98504.

(2) Be placed on a vehicle whenever any such vehicle is disabled upon the traveled portion of any highway or shoulder thereof outside any municipality, at any time when lights are required by RCW 46.04.200, upon discovery of such disabled vehicle by law enforcement, a reflectorized device such as those defined in RCW 46.37.450 or this section.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 08-19-079, § 204-10-050, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380. 81-18-008 (Order 81-08-02), § 204-10-050, filed 8/21/81.]

**WAC 204-10-060 Reflectors.** (1) On motor vehicles, reflex reflectors must be securely mounted on a rigid part of the vehicle with the plane of the lens perpendicular to the roadway and parallel to the rear axle. Side reflex reflectors must be mounted with the lens face perpendicular to the roadway and parallel to the rear wheels.

(2) On bicycles and motorized foot scooters, the reflectors must be securely mounted and of a type conforming to 16 CFR Part 1512.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 08-19-079, § 204-10-060, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380. 81-18-008 (Order 81-08-02), § 204-10-060, filed 8/21/81.]

**WAC 204-10-070 Air conditioning units.** (1) Society of Automotive Engineers (SAE) Standard J639 is adopted by reference as the standard for automotive air conditioning units.

(2) SAE Standard J51 is adopted by reference as the standard for automotive air conditioning hose.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 08-19-079, § 204-10-070, filed 9/16/08, effective 10/17/08; 98-04-053, § 204-10-070, filed 1/30/98, effective 3/2/98. Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380. 81-18-008 (Order 81-08-02), § 204-10-070, filed 8/21/81.]

**WAC 204-10-080 Wheelchair conveyance.** The wheelchair conveyance must be equipped with a propulsion device capable of propelling the vehicle at a minimum speed of 20 mph on level ground.

(1) Every wheelchair conveyance that is designed to travel on four wheels in contact with the ground must comply with the provisions of chapter 46.37 RCW as they pertain to motor vehicle equipment.

(2) Every wheelchair conveyance that is designed to travel on not more than three wheels in contact with the ground must comply with the equipment requirements for motorcycles, motor-driven cycles, and mopeds contained in chapters 46.37 and 46.61 RCW: Provided, That all wheel-

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chair conveyances must be equipped with two rear view mirrors and turn signals as defined in RCW 46.37.400 and 46.37.200.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 08-19-079, § 204-10-080, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37.440. 82-16-049 (Order 82-07-03), § 204-10-080, filed 7/29/82. Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380. 81-18-008 (Order 81-08-02), § 204-10-080, filed 8/21/81.]

**WAC 204-10-090 Equipment prohibited.** If aftermarket equipment is installed on a vehicle, it must not impair the effectiveness of equipment required by 49 Code of Federal Regulations (CFR) Part 571, chapter 46.37 RCW or Title 204 WAC.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 08-19-079, § 204-10-090, filed 9/16/08, effective 10/17/08; 98-04-053, § 204-10-090, filed 1/30/98, effective 3/2/98. Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380. 81-18-008 (Order 81-08-02), § 204-10-090, filed 8/21/81.]

**WAC 204-10-120 Sirens.** Society of Automotive Engineers (SAE) Standard J1849 is adopted by reference as the standard for emergency vehicle sirens.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 08-19-079, § 204-10-120, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37.005. 93-11-018, § 204-10-120, filed 5/6/93, effective 6/6/93. Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380. 81-18-008 (Order 81-08-02), § 204-10-120, filed 8/21/81.]

## Chapter 204-21 WAC LIGHTING REQUIREMENTS

### WAC

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**WAC 204-21-010 Purpose and authority.** The purpose of this chapter is to outline additional lighting requirements in an effort to reduce motor vehicle collisions caused by improper lighting.

By authority of RCW 46.37.005, 46.37.185, 46.37.190, 46.37.194, 46.37.280, 46.37.290, 46.37.300, 46.37.310, 46.37.320, and chapter 119, Laws of 1984, the Washington state patrol adopts the following rules pertaining to the

mounting, adjusting, and aiming of lamps used upon motor vehicles.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 08-19-104, § 204-21-010, filed 9/17/08, effective 10/18/08.]

**WAC 204-21-020 Definitions.** (1) "Animal control vehicle" means any vehicle, either publicly or privately owned, which is used primarily for transportation of animals to or from animal shelters, humane society facilities, or veterinary medicine facilities.

(2) "Authorized emergency vehicle" means any vehicle of any fire department, police department, sheriff's office, coroner, prosecuting attorney, Washington state patrol, ambulance service, public or private, licensed by the department of social and health services or operated by any of the agencies named above, or any other vehicle authorized in writing by the state patrol.

(3) "CFR" means the Code of Federal Regulations.

(4) "Deceleration warning light," excluding stop lamps, means a device that indicates to a following driver the deceleration of the vehicle ahead.

(5) "Electronic light modulation" means the periodic change in intensity of light, controlled by an all electric modulating device in the electrical circuit of the lighting system.

(6) "Electronic modulation" means using one hundred percent electronic circuitry instead of mechanical metallic switches.

(7) "Emergency tow truck" means a motor vehicle that is especially designed and constructed principally for the purpose of recovery and/or towing of disabled, abandoned or damaged vehicles and not otherwise generally used in transporting goods or persons.

(8) "Flashing" means any lamp which emits a beam of light which is broken intermittently and regularly by use of an electronic or electric switch, a rotating reflector, a rotating lamp, or a strobe lamp; or a lamp which emits a steady beam of light which is intermittently and regularly directed away from any viewer by means of a rotating or oscillating reflector or lamp assembly. Flashing lamps are not to be confused with modulated lamps which intermittently and regularly decrease the power to the lamp filament so as to dim the light output but do not cause a total break in the light beam.

(9) "FMVSS" means the Federal Motor Vehicle Safety Standards 49 Code of Federal Regulations (CFR) Part 571.

(10) "Hazardous materials response team vehicle" means any vehicle either publicly or privately owned which is used for responding to hazardous materials incidents.

(11) "Headlamp flashing system" means an automatic method for controlling the high beams from the headlamps so that they can be alternately flashed in sequence on opposite sides of the front of the vehicle as a warning signal.

(12) "Law enforcement agency" means any municipal, port district or tribal police department, county police department or sheriff's office, the Washington state patrol, or any other state or federal agency which is publicly authorized to carry out law enforcement duties which include the authority to stop and detain motor vehicles on the public highways of this state.

(13) "Law enforcement vehicle" means a publicly owned or leased vehicle operated by a law enforcement agency and

which is used for the law enforcement functions of the agency.

(14) "Other construction and maintenance vehicle" means any vehicle owned or operated by a private company which is in the process of providing highway construction or maintenance services or is working in conjunction with any public utility.

(15) "Oversize unit" means any vehicle towing a load that exceeds legal dimensions which may be equipped with flashing amber lights in addition to any other lights required by law.

(16) "Percent modulation" equals time-weighted power input with modulation to headlamp divided by time-weighted power input without modulation to headlamp times one hundred.

(17) "Pilot car" means any vehicle which is used to provide escort for overlegal size loads upon the roadways of this state.

(18) "Private carrier bus" means every motor vehicle designed for the purpose of carrying passengers (having a seating capacity for eleven or more persons) used regularly to transport persons in furtherance of any organized agricultural, religious or charitable purpose. Such term does not include buses operated by common carriers under a franchise granted by any city or town or the Washington public utilities commission.

(19) "Public utilities vehicle" means any vehicle used for construction, operations, and maintenance, and which is owned or operated by a public or private utility, including, but not limited to, companies providing water, electricity, natural gas, telephone, television cable services, and railroads.

(20) "Rural newspaper carrier vehicle" means any vehicle driven on rural roads by carriers delivering newspapers on their route.

(21) "SAE" means the Society of Automotive Engineers. Copies of SAE Standards are available for review at the Washington State Patrol, P.O. Box 42600, Olympia, WA 98504-2600, and may also be ordered from the Society of Automotive Engineers International, 400 Commonwealth Drive, Warrendale, PA 15096-0001.

(22) "Search and rescue team vehicle" means any vehicle either publicly or privately owned which is used for responding to search and rescue situations.

(23) "Signal lamps" means red lamps mounted on the vehicle to be used in conjunction with the "stop signal" when the bus is loading or unloading passengers under certain conditions.

(24) "Tow truck" means any vehicle engaged in removing disabled or abandoned vehicles from the roadway and which is used primarily for that purpose.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 08-19-104, § 204-21-020, filed 9/17/08, effective 10/18/08.]

**WAC 204-21-030 General lighting requirements.** (1) All lighting equipment must be mounted:

(a) Securely on a rigid part of the vehicle to prevent noticeable vibration of the beam.

(b) At the height prescribed as measured from the center of the lamp or reflector to the level surface upon which the vehicle stands when it is without load.

(c) In accordance with orientation markings such as "top" if such markings exist.

(d) Installed with the lettering on the lens face right side up if the lamp has a sealed or semisealed optical unit.

(e) At the same angle as originally intended for the vehicle for which they were designed, unless the lamps are designed for a particular make of vehicle and installed on another vehicle, then the lamp does not need to be mounted at the same height or lateral spacing as the original vehicle so long as the height and lateral spacing comply with the requirements outlined in 49 CFR Part 571.108 (FMVSS 108), chapter 46.37 RCW, and this title.

(f) Maintained with the proper aim when the vehicle is stationary and in motion.

(2) All lighting equipment must be aimed so the center of the beam produced by the major filament is parallel to the road and projects directly to the front, side, or rear, depending on mounting location, unless otherwise outlined in 49 CFR Part 571.108 (FMVSS 108), chapter 46.37 RCW, or this title. The lamps must be aimed with only the driver in the vehicle, except that lamps on vehicles which normally carry a load should be aimed with the vehicle so loaded. Enforcement agencies that inspect vehicles may establish aiming tolerances to allow for variations in inspection procedures and in vehicle loading.

(a) If the road lighting device is visually aimed, it must be aimed as specified in the following sections of this rule on a vertical aiming screen at a distance of twenty-five feet from the front of the lens surface or with an optical aimer meeting SAE J600a (March 1965) with the aiming line on the screen adjusted to the level of the surface upon which the vehicle stands or with an optical aimer designed to aim headlamps complying with Canadian Standards Association Regulation D106.2.

(b) If the road lighting device is mechanically aimed, it must be set at 0-0 with a mechanical aimer meeting SAE J602c (December 1974).

[Statutory Authority: RCW 46.37.005 and 46.37.320. 08-19-104, § 204-21-030, filed 9/17/08, effective 10/18/08.]

**WAC 204-21-040 Headlamps.** Headlamps must be mounted as specified in FMVSS 108, chapter 46.37 RCW, and as follows:

(1) On motor vehicles:

(a) If installed after November 15, 1975, the headlamps must not be closer than twelve inches to the centerline of the vehicle. This distance must be measured from the center of the lens. Except motorcycles, motor-driven cycles, and motorized bicycles must have the headlamps spaced as far apart as practicable.

(b) Adjusting and aiming of headlamps:

(i) If the headlamp is a Type 1 sealed beam headlamp unit (including those with any suffix letters and numbers such as 1A and 1C1) the lamp must be aimed with the center of the high intensity zone on the vertical line straight ahead of the lamp center and at the level of the lamp center.

(ii) If the headlamp is a Type 2 sealed beam headlamp unit (including those with any suffix letters and numbers such as 2A1 and 2B) the lamp must be aimed with the left edge of the high intensity zone on the vertical line straight ahead of

the lamp center and with the top edge of the high intensity zone at the level of the lamp center.

(iii) If the headlamp is quartz halogen nonsealed beam meeting the requirements of the Canadian Standards Association: The high beam lamp must be aimed as specified for Type 1 headlamps in (b)(i) of this subsection; the low beam lamps must be aimed so that the top edge of the low beam cutoff is three inches below the level of the lamp center, and the point which the cutoff rises to the right must be on the vertical line with the center of the lamp.

(c) In cases of customized headlamp installation, headlamps must not be mounted closer together than requirements outlined for the year or original manufacture of the vehicle body.

(2) On motorcycles or motor-driven cycles with multiple beam lamps, the lamps must be aimed on the upper beam as specified for Type 1 units in subsection (1)(b)(i) of this section. As an alternative, motorcycle headlamps or motor-driven cycles with multiple beam headlamps with a well-defined lower beam may be aimed on the lower beam as specified for Type 2 units in subsection (1)(b)(ii) of this section with the vehicle upright and the front wheel facing straight ahead.

(3) On motor-driven cycles with single beam headlamps, the lamps must be aimed with the center of the high intensity zone on a vertical centerline straight ahead of the lamp center and with the top edge of the high intensity zone at the level of the lamp center.

(4) On motorcycles and motor-driven cycles with electronic headlamp modulators.

(a) The headlamp modular must:

(i) Be inserted in the high beam headlight circuit on motorcycles between the high beam hand switch and high beam filament in the lamp.

(ii) Be located on a frame bar or other substantial structure number, easily accessible to the operator for quick access to a bypass switch. The device should be air cooled, if necessary.

(iii) Be designed to continuously operate 60 watt headlamps.

(iv) Have an electrical bypass switch rated at 6 amps, 12.8 volts.

(v) Be made to change modulation amplitude:

(A) Daytime - modulation depth should be at least 50% but not more than 80%.

(B) Nighttime - not more than 20% modulation.

(C) At no time while the light modulator is being used should the percent modulation become 100%. This condition switches off the light intermittently and leads to premature filament failure.

(vi) Have No. 16 AWG stranded copper interconnecting wire.

(vii) Not make changes that would render ineffective any portion of 49 CFR Part 571.108 (FMVSS 108).

(b) The headlamp modular should:

(i) Not use potentially dangerous voltages, i.e., above 50 volts, in the light modulator.

(ii) Operate within a frequency band of one cycle every two seconds to not more than four times per second.

(iii) Be sealed to prevent water intrusion.

(iv) Be designed to withstand intense vibration at 130°F.

(v) Be capable of operating over a voltage range of from 8 to 14 volts with no discernible change in its operating characteristics other than in headlamp brightness.

(vi) Not alter the low beam headlight circuit so that it may be used as backup in case of modulator malfunction.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 08-19-104, § 204-21-040, filed 9/17/08, effective 10/18/08.]

**WAC 204-21-050 Clearance lamps, side marker lamps and identification lamps.** Clearance lamps, side marker lamps, and identification lamps must be mounted as specified in 49 CFR Part 571.108 (FMVSS 108) unless other requirements are outlined in RCW 46.37.090 or this section.

(1) Clearance lamps on vehicles manufactured prior to May 1, 1980, do not need to be visible at the inboard angles and need not comply with the mounting height requirements of 49 CFR Part 571.108 (FMVSS 108).

(2) Specialized combination lamps designed to be mounted with the base at angles other than 0, 45, or 90 degrees from the longitudinal axis of the vehicle must be installed in accordance with the manufacturer's instructions.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 08-19-104, § 204-21-050, filed 9/17/08, effective 10/18/08.]

**WAC 204-21-060 Turn signal lamps.** (1) Turn signal lamps visible to approaching or following drivers must:

(a) Flash at a rate of sixty to one hundred twenty flashes per minute.

(b) Flash in unison. Except that a turn signal consisting of two or more units mounted horizontally may flash in sequence from inboard to outboard. The lamps may either be extinguished simultaneously or lighted simultaneously.

(c) Be mounted and operated as follows:

(i) On motor vehicles, turn signal systems must:

(A) Have four separate lamps consisting of at least two single-faced or double-faced turn signal lamps on or near the front and at least two single-faced lamps on the rear. Except that a truck-tractor or a truck chassis without a body or load may be equipped with one double-faced turn signal lamp on each side in lieu of the four separate lamps otherwise required on motor vehicles. If double-faced turn lamps are used, they must be mounted ahead of the center of the steering wheel or the center of the outside rearview mirror, whichever is rearmost.

(B) Be spaced as far apart as practical.

(C) Have the optical center of the front turn signal at least four inches from the inside diameter of the retaining ring of the lower beam headlamp unit, fog lamp unit, or passing lamp unit. Except original equipment turn signals that emit two and one-half times the minimum candela requirements may be closer.

(ii) For motorcycles, the front and rear turn signal lamps must be at least nine inches apart, except that front turn signals on motorcycles manufactured after January 1, 1973, must be at least sixteen inches apart.

(iii) On the rearmost towed vehicle in combination of vehicles, turn signal systems must be equipped with at least two single-faced turn signal lamps on the rear. The signal system on a combination of vehicles towed by a motor vehicle equipped with double-faced front turn signal lamps may be connected so only the double-faced turn signal lamps on

the towing vehicle and the signal lamps on the rear of the rearmost vehicle are operative.

(2) Side turn signal lamps must:

(a) Meet SAE Standard J914.

(b) Be mounted on the side not lower than twenty inches or higher than seventy-two inches.

(c) Flash with the front and rear turn signal lamps on their respective sides of the vehicle. On vehicles with sequential turn signal lamps, the side turn signal lamps must flash with the front turn signal lamps.

(d) Flash with the rear turn signal lamps, if the side lamps flash when the hazard warning switch is actuated.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 08-19-104, § 204-21-060, filed 9/17/08, effective 10/18/08.]

**WAC 204-21-070 Supplemental high-mounted stop and rear turn signal lamps.** Supplemental high-mounted stop and rear turn signal lamps must meet requirements of SAE J1957 and J2068.

(1) Supplemental high-mounted stop and rear turn signal lamps must:

(a) Be single-faced.

(b) Be actuated in the same manner and at the same time as the required stop lamps or turn signal lamps.

(c) Be mounted not lower than thirty-five inches nor higher than fifty-five inches. Except that standard stop or turn signal lamps not combined with tail lamps or reflex reflectors may be used respectively as supplemental lamps in which case they must be mounted at any height not lower than fifteen inches or higher than seventy-two inches.

(d) Not be used in lieu of required stop and turn signal lamps.

(2) Supplemental turn signal lamps and combination stop-and-turn signal lamps must be mounted in pairs facing the rear with one lamp near each side of the vehicle, at the same height and equally spaced from the vehicle centerline.

(3) Supplemental stop lamps must be mounted in pairs as specified above or with not more than two lamps on or adjacent to the centerline of the vehicle.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 08-19-104, § 204-21-070, filed 9/17/08, effective 10/18/08.]

**WAC 204-21-080 Fog lamps.** (1) Fog lamps must:

(a) Meet SAE Standard J583.

(b) Be white to amber in color.

(c) Be mounted in accordance with RCW 46.37.180 and so the inner edge of the lens retaining ring is no closer than four inches to the optical center of the front turn signal lamp to provide illumination in front of the vehicle under conditions of rain, snow, dust or fog.

(d) Not be used alone in lieu of headlamps, but may be used with lower head lamp beams as specified in RCW 46.37.220.

(2) Fog tail lamps must meet standards set by SAE J1319.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 08-19-104, § 204-21-080, filed 9/17/08, effective 10/18/08.]

**WAC 204-21-090 Auxiliary driving lamps.** Auxiliary driving lamps must:

- (1) Meet SAE Standard J581.
- (2) Be white in color.
- (3) Provide illumination forward the vehicle.
- (4) Be wired so that the taillights are lighted whenever the driving lamps are lighted. If driving lamps are not wired to operate only with headlamp high beams, a separate switch and indicator lamp must be provided to operate the driving lamps.
- (5) Be aimed with the center of the high intensity zone on a vertical line straight ahead of the lamp center and at the level of the lamp center.

(6) Not be used alone in lieu of headlamps, but may be used to supplement the upper beam of a standard headlight system as specified in RCW 46.37.220, and may only be used to supplement the upper beam of a standard headlamp system.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 08-19-104, § 204-21-090, filed 9/17/08, effective 10/18/08.]

**WAC 204-21-100 Auxiliary passing lamps.** Auxiliary passing lamps must:

- (1) Meet SAE Standard J582a.
- (2) Be white to amber in color.
- (3) Be mounted in accordance with RCW 46.37.180 and so the inner edge of the lens retaining ring is no closer than four inches to the optical center of the front turn signal lamp.
- (4) Be aimed with the top edge of the high intensity zone one inch above the level of the lamp center and with the left edge of the high intensity zone five inches to the left of a vertical line straight ahead of the lamp center.

(5) Not be used alone in lieu of headlamps, but may be used at the driver's discretion with either low or high beam headlamps as specified in RCW 46.37.220.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 08-19-104, § 204-21-100, filed 9/17/08, effective 10/18/08.]

**WAC 204-21-110 Spot lamps.** Spot lamps must meet SAE Standard J591.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 08-19-104, § 204-21-110, filed 9/17/08, effective 10/18/08.]

**WAC 204-21-120 Cornering lamps.** Cornering lamps:

- (1) Must meet SAE Standard J852a.
- (2) Must be on the front of the vehicle near the side or the side near the front.
- (3) Must be mounted no lower than twelve inches nor higher than thirty inches.
- (4) Must, if they have means to adjust and aim the lamp, be mounted so the center of the high intensity portion of the beam is within forty to fifty degrees from the longitudinal axis of the vertical toward the front. The vertical aim must be within the center of the high intensity zone, ten to fourteen inches below the level of the lamp center.

(5) Must, if they don't have aiming mechanisms, be mounted in a fixed position on the vehicle in accordance with the manufacturer's instructions.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 08-19-104, § 204-21-120, filed 9/17/08, effective 10/18/08.]

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**WAC 204-21-130 Emergency lamps.** (1) All emergency lamps must meet the criteria established in RCW 46.37.320. In descending order of preference, these are:

- (a) Conformance to Federal Motor Vehicle Safety Standards, or, if none,
- (b) Conformance to current standards and specifications of the Society of Automotive Engineers, or, if none,
- (c) Certified for compliance by any recognized organization or agency such as, but not limited to, the American National Standards Institute, the Society of Automotive Engineers, or the American Association of Motor Vehicle Administrators.

(2) Headlamp flashing systems may be used for authorized emergency vehicles owned and operated by law enforcement agencies, licensed ambulance companies, and fire departments. Headlamp flashing systems must:

- (a) Have a circuit that alternately flashes only the high beams from the headlamps at a rate of sixty to one hundred twenty flashes per minute per side.
- (b) Be so designated that any failure to flash the lamps will not result in failure of the headlamp system to operate normally.
- (c) Incorporate an override feature which must stop the flashing and provide full illumination from both high beam headlamps when the dimmer switch is in the high-beam mode.
- (d) Have an indicator lamp included in the circuit to give a visible and unmistakable indication to the driver that the system is turned on.

(3) The following table outlines the color of emergency lamp to be used for each type of emergency vehicle.

Vehicle Type	Lighting Required	Other Lighting Allowed
Authorized Emergency	1 red lamp	Flashing amber or white lamps
Law Enforcement Vehicle	1 blue lamp	Flashing red, amber or white lamps
Volunteer Fire Fighter		If approved by the chief of their respective service, green lamps may be installed on the vehicle provided that the requirements outlined in subsection (4) of this section are met.
Public utilities vehicles, other construction and maintenance vehicles, pilot cars, tow trucks, animal control vehicles,		One or more flashing amber lamps provided that the requirements of subsection (5) of this section are met.

Vehicle Type	Lighting Required	Other Lighting Allowed
hazardous materials response team vehicles, search and rescue team vehicles, and rural newspaper carrier vehicles, and vehicles towing a load that exceeds legal dimensions.		

(4) Green lights for volunteer fire fighter vehicles must:

(a) Meet the requirements of SAE J595 except that the color of the lamp must be green as the color described in SAE J578.

(b) Be visible for a distance of two hundred feet under normal atmospheric conditions.

(c) Not have a maximum light projected in any one direction exceeding three hundred candle power.

(d) Be mounted no less than twenty-four inches above the level surface upon which the vehicle stands, or may be placed on the forward portion of the top above the windshield.

(e) Be mounted anywhere from the center of the vehicle to the left side thereof.

(f) Be used only for the purpose of identification and the operator of a vehicle so equipped must not be entitled to any of the privileges provided in RCW 46.61.035 for the operators of authorized emergency vehicles.

(5) Amber lamps must:

(a) Be mounted and be of sufficient intensity so as to be clearly visible to approaching traffic for at least five hundred feet in normal sunlight.

(b) Be mounted as outlined in WAC 204-21-020 and as follows:

(i) Must be mounted so that the entire projected area of the lens is visible from all eye heights of drivers of other vehicles at angles within forty-five degrees left to forty-five degrees right of the front of the vehicle. If the light within these required angles is blocked by the vehicle or any substantial object on it, an additional warning lamp must be displayed within the obstructed angle.

(ii) May be mounted at any height.

(c) Only be used on the vehicles described in subsection (3) of this section, when such vehicles are actually involved in construction, maintenance, or operations which require that warning be given to ensure the protection of the motoring public or the work crew. Warning lamps must not be illuminated while traveling to or from the site of operations. For the purposes of tow truck operations, the site of operations must be only that place where vehicles are attached to or detached from the tow truck. Lamps on pilot cars must be illuminated only while the vehicle is actually providing escort service. Lamps on rural newspaper delivery vehicles must only be illuminated when the vehicle is traveling on the delivery route. Lamps on oversize units may be illuminated when traveling on public roadways. The operator of these vehicles must not be entitled to any of the privileges provided

in RCW 46.61.035 for the operators of authorized emergency vehicles.

(6) Three hundred sixty degree emergency warning lamps must meet SAE Standard J845.

(7) Nothing in this section relieves the operator of any vehicle from displaying any other light or warning device required by statute or regulation.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 08-19-104, § 204-21-130, filed 9/17/08, effective 10/18/08.]

**WAC 204-21-140 Flashing warning lamps.** Flashing warning lamps may be mounted at any height and must:

(1) Meet the SAE Standards outlined for the type of vehicle as outlined in the table below.

Vehicle Type	Standard Adopted
Agricultural equipment	SAE J974
Authorized emergency maintenance, volunteer fire fighter, and service vehicles	SAE J595
Industrial equipment	SAE J96

(2) Be mounted so that the entire projected area of the lens is visible from all eye heights of drivers of other vehicles at angles within forty-five degrees left to forty-five degrees right of the front of the vehicle. If the light within these required angles is blocked by the vehicle or any substantial object on it, an additional warning lamp must be displayed within the obstructed angle.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 08-19-104, § 204-21-140, filed 9/17/08, effective 10/18/08.]

**WAC 204-21-150 Side cowl fender or running board courtesy lamps.** Side cowl, fender, or running board courtesy lamps must meet SAE Standard J575.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 08-19-104, § 204-21-150, filed 9/17/08, effective 10/18/08.]

**WAC 204-21-160 Slow-moving vehicle emblems.** (1) Every farm tractor, every self-propelled unit of farm equipment, every implement of husbandry designed for operation at speeds not in excess of twenty-five miles per hour and every combination of farm tractor and towed farm equipment or towed implement of husbandry normally operated at speeds not in excess of twenty-five miles per hour shall at all times be equipped with a slow-moving vehicle emblem.

(2) Other classes of vehicles not covered by RCW 46.37.160 such as road construction vehicles and road maintenance vehicles which normally operate at a speed of twenty-five miles per hour or less may be equipped with slow-moving vehicle emblems meeting the requirements of this section.

(3) In order to comply with the provisions of RCW 46.37.160(6), slow-moving vehicle emblems:

(a) Must be constructed in conformance with SAE Standard J943.

(b) Must be mounted point up in plane perpendicular to the direction of travel of the vehicle so that the reflectorized side of the emblem is facing to the rear.



(c) Must be mounted, as nearly as is practicable, centrally at the rear of the vehicle in an unobscured location.

(d) Must be mounted not less than two feet nor more than six feet above the ground on which the vehicle stands measured from the lower edge of the emblem.

(e) May be permanently attached to the vehicle. Where portable brackets are used, they must be so constructed that they will hold the emblem securely and in a position meeting the requirements of all other mounting instructions under this section.

If the towed unit is sufficiently large to obscure the slow-moving vehicle emblem on the farm tractor, the towed unit must be equipped with a slow-moving vehicle emblem. In such cases, the towing vehicle need not display the emblem. Where the slow-moving vehicle emblem on the farm tractor unit is not obscured by the towed unit, then either or both may be equipped with the required emblem.

(f) Must not replace any of the required lamps or other devices required in chapter 46.37 RCW.

(g) Must not be used as a clearance marker for wide equipment.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 08-19-104, § 204-21-160, filed 9/17/08, effective 10/18/08.]

**WAC 204-21-170 Additional lighting for snow removal, highway maintenance and refuse haulers.** (1) Additional headlamps may be positioned sufficiently high enough to clear operating equipment provided they are aimed at an angle to avoid blinding oncoming traffic while on their routes, involved in construction, maintenance, and/or operations. Except, refuse haulers must:

(a) Use regular mounted headlamps when transporting refuse to the dump site. Auxiliary headlamps may be used if necessary.

(b) Use the alternate lights when the refuse haulers' collections container is in a position to obscure the headlamps, and will not exceed twenty miles per hour.

(2) Additional operating lamps may be located on the top of the cab or at other locations to illuminate plowing, abrasive spreading or other equipment.

(3) No flashing red warning signal except those required by RCW 46.37.150 shall be displayed or used on any highway equipment.

(4) Amber colored lamps must:

(a) Be mounted on the cab or other high point of the equipment so as to be visible at all times, at least from the front and rear of the vehicle, from a distance of five hundred feet in normal sunlight, unless otherwise prescribed below.

(b) Have a minimum light intensity of the lamp filament not be less than twenty-one candle power.

(c) Be used on the following vehicles:

(i) Power shovels or other similar highway maintenance equipment. The amber lamp and a red flag are to indicate an extension which designates the maximum danger limit created by the swing of the cab while operating along the traffic lane.

(ii) Other highway equipment which creates a potential hazard to traffic including those vehicles and trailers for construction, maintenance, and operations.

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(ii) Knuckle of all man lift-type platform trucks with articulating boom, where the knuckle is capable of being rotated beyond the side of the truck.

(d) Only be illuminated:

(i) When the equipment is actually involved in construction, maintenance, collecting refuse, and/or operations.

(ii) When the equipment is traveling to or from the job site and is unable to maintain, either because of equipment limitations, or other reasons, at least one-half posted or prevailing speed.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 08-19-104, § 204-21-170, filed 9/17/08, effective 10/18/08.]

**WAC 204-21-180 Deceleration alert lamp system.** (1) Deceleration warning lights must:

(a) Be installed as follows:

(i) Only one such system may be mounted on a motor vehicle, trailer, semitrailer, truck tractor, or pole trailer.

(ii) Provision must be made for rigid or shock-absorbing mounting.

(iii) The axis of the light beam must be parallel to the roadway and the longitudinal axis of the vehicle.

(iv) The lamp must be mounted on the centerline of the rear exterior of the vehicle or with the optical center of the lamp not more than fifteen inches from the centerline.

(v) The deceleration warning light system must be mounted as nearly as practicable at the same height as the existing stop lamps on the vehicle.

(vi) Visibility of the deceleration lamps to the rear must not be obstructed by any part of the vehicle or load thereon.

(b) Meet Type I or Type II requirements and test methods for a deceleration alert system.

(i) Type I - the system must:

(A) Be mounted on the rear of the vehicle as close as possible to the vertical centerline of the vehicle.

(B) Be mounted at a height of not more than seventy-two inches nor less than fifteen inches.

(C) Center-to-center (optical axis) distance between two adjacent compartments should not exceed six inches.

(D) Have three compartments. The center compartment emits a green light and is energized when the vehicle operator has the accelerator depressed. The two outer compartments emit an amber light and are energized when the operator releases the accelerator and prior to applying pressure to the foot brake pedal. When the amber lights are energized, the green light is deenergized. When pressure is applied to the foot brake pedal, the amber lights are deenergized and the vehicle's stop lamps operate in the normal manner. SAE Standard J578d is adopted for color chromaticity boundaries.

(E) Meet the requirements under the following sections of SAE J575g: Section B, samples for test; Section C, lamp bulbs; Section D, laboratory facilities; Section E, vibration test; Section F, moisture test; Section G, dust test; Section H, corrosion test; and Section J, photometry. If plastic material is used in optical parts it must comply with the requirements set forth in SAE J576c.

(F) Measure the beam candle power with the H-V axis taken as paralleled to the longitudinal axis of the vehicle. The candle power measurements for the center green compartment must be made with the incandescent filament of the lamp at least ten feet from the photometric screen.

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Beam candle power measurements of the two amber compartments shall be made by either of the following methods:

(I) The two compartments may be photometered together provided that a line from the optical axis (filament centers) of each compartment to the center of the photometer sensing device does not make an angle of more than 0.6° with the photometer (H-V) axis.

(II) Each compartment may be photometered separately by aligning its axis with the photometer and adding the value at each test point.

Table 1 lists the design candle power requirements for the two outer amber lights, and Table 2 lists the design candle power requirements for the center green light.

Table 1			Table 2		
Minimum Design Candle power Requirements for Amber Light			Minimum Design Candle power Requirements for Green Light		
Test	Points	Candle power	Test	Points	Candle power
10 up	10L	25	10 up	10L	1
and	V	65	and	V	1.5
10 down	10R	25	10 down	10R	1
	20L	25		20L	1
	10L	65		10L	2
5 up	5L	85	5 up	5L	4
and	V	125	and	V	4
5 down	5R	85	5 down	5R	4
	10R	65		10R	2
	20R	25		20R	1
	20L	25		20L	2
	10L	75		10L	3
	5L	125		5L	5
	H-V	175		H-V	5
	5R	125		5R	5
	10R	75		10R	3
	20R	25		20R	2
Maximum		450	Maximum		45

(ii) Type II - the system must:

(A) Operate so as to indicate a component of deceleration of the vehicle on which it is installed by varying the flashing rate of a yellow lamp when the service brakes are applied.

(B) Incorporate an automatic means for reducing the intensity of the lamp during darkness. The system must cause the voltage to the deceleration lamps to decrease to 5.0 V ± 10% at 0 g deceleration during darkness. The specified voltage must be reached when the illumination on the sensor is not more than 5 lm/sq. ft., nor less than 0.5 lm/sq. ft.

(C) Have an output voltage, duty cycle, and flash rate of the control unit as a temperature of 24° ± 5.5°C (75° ± 10°F), when 12.8 V dc is applied to the input terminal, as shown in Table I when the control sensor is placed on a tilt table and slightly vibrated as the table is slowly rotated through the angles representing the specified vehicle deceleration rates.

TABLE I  
Test Requirements for Deceleration Lamps

Deceleration (g)	Output (V)	Peak Relative Brightness	Flash Rate (Hz)	On Time (%)
0.0	7.0	1.0	1.0	50
0.1	—	1.0	1.5	48
0.2	—	1.0	2.3	46
0.3	—	1.2	3.4	44
0.4	—	1.4	5.0	42
0.5	—	1.7	7.6	40

(D) Have a deceleration at which the unit switches from a lower to a higher flash rate that is within ± 0.05 g of the rate specified in Table I. If the unit operates at more steps than the required minimum, the additional values for each column shall lie on the smooth curve connecting the indicated values within the specified tolerances. The values specified in Table II apply to ramp-type inertial sensors for which the downward angles correspond to the deceleration and a tolerance of 3.0° applies to the tilt angle.

TABLE II  
Test Requirements for Deceleration Sensors

Deceleration (g)	DEGREES		
	Forward Tilt Angle	Dip Correction	Corrected Tilt Angle
0.0	0.0	0.0	0.0
0.1	5.7	0.8	6.5
0.2	11.3	1.6	12.9
0.3	16.7	2.4	19.1
0.4	21.8	3.2	25.0
0.5	26.6	4.0	30.6

(E) Have the rms of the output voltage during the on portion of the flash cycle at the 1 Hz flash rate within ± 5% of the specified value, measured at the lamp bulbs with daytime illumination on the automatic darkness sensor.

(F) Have a relative brightness of the lamp or bulbs at the decelerations within ± 25% of the specified values after the fifth flash with the brightness of the lamp or its bulbs taken as 1.0 when measured with the rms output voltage specified for 0 g deceleration.

(G) Have a flash rate within ± 15% of the specified value. The percent on time must be within ± 10% of the specified value.

(H) Have linear dip corrections varying from 4° at 0.5 g or more deceleration to 0° at 0 g on passenger vehicles and pickup trucks that have substantial front end dip upon braking.

(I) Comply with the following mechanical tests in SAE Standard J575g (tests for motor vehicle lighting devices and components): Corrosion, dust, moisture, vibration, and warpage (at a flashing rate of 1 Hz when a plastic lens or housing is used).

(J) Meet the following control system requirements at both 11 V and 15 V:

(I) Low temperature test. The control system must be placed in its normal operating position in a circulating air cabinet at -32° ± 3°C (-25° ± 5°F) for 2 hours. At the end of that period and while still at that temperature, the unit must meet the requirements in Table I at 0 g and 0.3 g.

(II) High temperature test. The control system must be placed in its normal operating position in a circulating air cabinet at 74° 0°, -2.8°C (165° 0°, -5°F) for 2 hours. At the end of that period and while at that temperature, the unit must meet the requirements in Table I at 0 g and 0.3 g.

(K) Operate the control system continuously at a supply voltage of 12.8 V dc for 200 hours with no failure (except bulb replacement), after which it must meet the requirements in Table I at 0 g and 0.3 g.

(L) Meet the photometric requirements in Table III after the sample has been mechanically tested in the order shown in (b)(ii)(J) of this subsection for the luminous intensity of a

deceleration lamp with the bulbs operated at mean spherical candela.

TABLE III  
Photometric Requirements for Deceleration Signal Lamps

Vertical	Test Point Coordinates		Max		Cd		Min	
	Horizontal		Amber	Red	Amber	Red	Amber	Red
10U	10L		70	35	25	12.5		
	V		200	100	60	30		
	10R		70	35	25	12.5		
5U	20L		40	20	15	7.5		
	10L		200	100	60	30		
	5L		600	300	200	100		
	V		800	400	350	175		
	5R		600	300	200	100		
	10R		200	100	60	30		
	20R		40	20	15	7.5		
	20L		40	20	15	7.5		
	10L		200	100	60	30		
H	5L		800	400	350	175		
	V		1,300	650	600	300		
	5R		800	400	350	175		
	10R		200	100	60	30		
	20R		40	20	15	7.5		
5D	20L		40	20	15	7.5		
	10L		200	200	60	30		
	5L		600	300	200	100		
	V		800	400	350	175		
	5R		600	300	200	100		
	10R		200	100	60	30		
	20R		40	20	15	7.5		
10D	10L		70	35	25	12.5		
	V		200	100	60	30		
	10R		70	35	25	12.5		

[Statutory Authority: RCW 46.37.005 and 46.37.320. 08-19-104, § 204-21-180, filed 9/17/08, effective 10/18/08.]

**WAC 204-21-190 School bus warning lamps.** (1) If the bus is a privately owned school bus or private carrier bus, then it must not use the eight lamp warning system unless such use is in conformance with the rules and regulations set forth by the superintendent of public instruction in chapters 392-143 and 392-145 WAC. The requirements for private carrier buses may be found under chapter 204-32 WAC.

(2) If the bus is a school bus owned and operated by any public school district and all privately owned school buses operated under contract with a school district in the state and used for the transportation of public school children, then the warning lamp system must:

(a) Be operated in accordance with the regulations set forth in chapter 392-145 WAC.

(b) Consist of a total of eight lamps conforming to SAE Standard J887a, J1318, or the standard in effect for such lamp at the time it was manufactured. Two amber and two red on both the front and rear of the bus. The amber lamps must be mounted inboard of the red lamps.

(c) Be mounted as high as practicable on the bus body and as near the outside edges of the body as curvature permits.

(d) Have shielding to protect the lamps from the elements.

(e) Be mounted on a background that is painted black and extends a minimum of three inches outward from the lamps.

(f) Be mounted and aimed as specified in 49 CFR Part 571.108 (FMVSS 108) and SAE Standard J887a.

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(g) Be clearly visible from a distance of at least five hundred feet in normal sunlight.

(h) Be activated only by means of a manually operated switch. Such activation will cause the right and left amber lamps to flash alternately until the stop signal arm is extended, or the bus entrance door is opened, at which time the amber lamps must be automatically deactivated and the right and left red lamps must be automatically activated. Whenever the warning lamp system has been activated, opening of the entrance door must automatically deactivate the amber lamps, cause the stop signal arm to extend, and activate the red lamps. Automatic extension of the stop signal arm does not apply to systems equipped with a manually operated stop signal arm.

(i) Have all lamps flashing at a rate from sixty to one hundred twenty times per minute and must reach full brilliance during each cycle.

(j) Have lamp controls which must consist of:

(i) The master or sequencing switch which must be in plain view and mounted within easy reach of the driver, and which must activate the system sequencing and deactivate the system at any time during the sequence.

(ii) An override switch which must automatically activate the red lamps whenever the stop signal arm is extended even though the master control switch is turned off, and which must automatically deactivate the amber lamps if previously activated regardless of the then present normal state of sequencing or entrance door position. Such override switch must be designed and installed so as to function with air, vacuum, electric, or manually operated stop signal arms. The stop signal arm must be capable of being extended at any time, regardless of the position of the entrance door. The opening of the entrance door must not cause extension of the stop signal arm, or the activation of the red lamps unless the master switch has been activated.

(iii) A minimum of two pilot lamps, one amber and one red, each of which must flash when the like colored warning lamps are in operation. Pilot lamps which show the operation of each individual lamp are permissible. All pilot indicators must be located so as to be clearly visible to the driver.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 08-19-104, § 204-21-190, filed 9/17/08, effective 10/18/08.]

**WAC 204-21-200 Private carrier bus lamps.** (1) All signal lamps on private carrier buses must be constructed in conformance with the SAE Standard for "school bus red signal lamps," in effect at the time of manufacture of such lamps, and must:

(a) Be mounted on the front and rear of the bus, above the windows, as high and as widely spaced laterally as practicable but in no case shall the lateral spacing of these lamps be less than forty inches.

(b) Be mounted so that the vision of front signals to the front and rear signals to the rear are not unobstructed by any part of the vehicle from 5° above to 10° below the horizontal and from 30° to the right to 30° to the left of the centerline of the bus.

(c) Have the switch which activates the signal lamps be actuated by movement of the stop signal to the extended position.

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(d) Be no switch between the signal lamps and the switch which activates these lamps when the stop signal is extended.

(e) Be a flashing red indicator lamp on the instrument panel of the vehicle which will indicate to the driver that the signal lamps are operating.

(f) Operate through a flasher unit which will cause the front signal lamps to flash alternately and the rear signal lamps to flash alternately at a rate no slower than sixty nor faster than one hundred twenty times per minute. The "on" period of the flasher must be long enough to permit the bulb filament to come up to a full brightness.

(g) Signal lamps must be aimed two inches below level at twenty-five feet and straight ahead. An aiming tolerance of from three inches up to seven inches down and ten inches right or left will be allowed.

(h) Only be actuated by the driver of a private carrier bus whenever such vehicle is stopped on the highway for the purpose of receiving or discharging passengers, except:

(i) When the passengers boarding or alighting do not have to cross a highway and the bus is stopped completely off the main traveled portion of the roadway; or

(ii) When the bus is stopped at an intersection or place where traffic is controlled by a traffic officer or official control signal.

EXCEPTION: Buses that do not stop upon the roadway to load or discharge passengers are exempt from the requirements of this section.

(2) Rear turn signal lamp and stop lamp lenses must be amber in color to avoid confusion with signal lamps and the message on the warning sign.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 08-19-104, § 204-21-200, filed 9/17/08, effective 10/18/08.]

#### **WAC 204-21-210 Bus hazard warning strobe lamp.**

All bus hazard warning strobe lamps must meet the Class I requirements of SAE Standard J1318, and may only be used as follows:

(1) School buses may be equipped with a single additional hazard strobe lamp in addition to the eight lamp warning system. Such lamps must:

(a) Not be mounted any closer than six feet from the rear of the bus measured from a vertical plane tangent to the rear-most point of the bus body. However:

(i) If the bus is equipped with a roof hatch falling within the above mentioned measurements, the strobe lamp may be located directly behind the roof hatch.

(ii) If the bus has a clear lens strobe lamp, less than eight inches in height, it may be mounted on the centerline of the roof in the rear one-half of the bus.

(b) Be activated by a switch independent of all other lamp switches. This switch must be plainly labeled and have a pilot lamp that must indicate when the lamp is in operation.

(c) Only be used when the bus is occupied with school children and one or more of the following conditions exists:

(i) The bus is in motion in inclement, sight obscuring conditions, including but not limited to rain, fog, snow, and smoke;

(ii) There is a need to improve the visibility of the bus when stopping, standing, or starting onto a highway;

(ii) There is limited visibility caused by geographic hazards such as winding roadways, hills, trees, buildings, etc.

The strobe lamp shall not be activated solely because of darkness.

(2) Municipal transit vehicles (as defined in RCW 46.04.355) may be equipped with a single additional hazard strobe lamp. Such lamps:

(a) May be mounted on the centerline of the roof in the rear one-half of the bus so long as the lamp is clear and less than eight inches in height.

(b) Be activated by a switch independent of all other lamp switches. The hazard strobe lamp switch must be plainly labeled and have a pilot lamp that must indicate when the lamp is in operation.

(c) Only be used when the bus is occupied with passengers and one or more of the following conditions exists:

(i) The bus is in motion in inclement, sight obscuring conditions, including but not limited to rain, fog, snow, and smoke;

(ii) There is a need to improve the visibility of the bus when stopping, standing, or starting onto a highway;

(iii) There is limited visibility caused by geographic hazards, such as winding roadways, hills, trees, etc.

The strobe lamp must not be activated solely because of darkness.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 08-19-104, § 204-21-210, filed 9/17/08, effective 10/18/08.]

**WAC 204-21-220 Trailer tongue lamps.** A lamp must be used on the tongue of any trailer where the distance between the front of the trailer body and the rear of the body of the towing vehicle is fifteen feet or greater, and where the top of the tongue is less than twenty-four inches above the ground at any point between the front of the body of the trailer and the rear of the body of the towing vehicle. This lamp must:

(1) Be amber in color and be in operation whenever the combination of vehicles is in motion, and must be visible to each side of the combination.

(2) Have a minimum diameter of two and one-half inches.

(3) Have a steady burn or may be flashing provided that the flashing lamp only flashes by means of an electronic or electric flasher. Strobe lamps and rotating type lamps are not permitted.

(4) Be mounted as nearly as practicable in the center of the distance between the vehicle bodies. Lamps mounted on extendable tongues will necessarily vary in distance between the bodies in relation to the amount of extension used; however, in no case shall the lamp be over five feet from the center of the distance between vehicle bodies nor more than fifteen feet from either of the vehicle bodies.

(5) Be mounted at a minimum height of twenty-one inches above the roadway, and maximum height of forty-eight inches above the roadway.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 08-19-104, § 204-21-220, filed 9/17/08, effective 10/18/08.]

**WAC 204-21-230 Lighting equipment prohibited.** (1) The addition of a lamp, reflective device or other motor vehicle equipment must not impair the effectiveness of lighting

equipment required by 49 CFR Part 571.108 or chapter 46.37 RCW.

(a) If a vehicle is in motion on a public roadway, the vehicle must not:

(i) Display aftermarket neon lighting devices.

(ii) Combine any type of letter, number, sign, symbol or combination thereof with an eye level brake light meeting the standards of 49 CFR Part 571.108 (FMVSS 108). No function other than red reflex reflectors shall be combined in eye level brake lights.

(iii) Have a lighted or electrically/mechanically powered sign or message board enabling change or movement of any displayed message to be displayed or affixed to the vehicle. Except:

(A) Vehicles that are used in conjunction with officially sanctioned or sponsored motor vehicle traffic control or movement may display lighted or electrically powered signs to assist in the efficient control of traffic movement on public roadways. The signs must be designed, worded, and located to limit misinterpretation and confusion by the motoring public.

(B) Electric signs may be unitized to identify taxicabs and the destinations of mass transportation vehicles. These signs must not contain any commercial or personal message and must be designed, worded, and located so that it is clearly differentiated from other required motor vehicle lights.

(b) If a vehicle is not in motion and parked on private property, the vehicle may use aftermarket lighting except as outlined under RCW 47.36.180.

(c) This section is not intended to prohibit a scrolling sign provided that the scrolling sign must:

(i) Be powered by an external source or in a manner which does not cause the required equipment on the vehicle to be out of compliance with 49 CFR Part 571, chapter 46.37 RCW or Title 204 WAC.

(ii) Not be lit.

(iii) Not have continual motion.

(2) Pursuant to Title 49 CFR Part 571.108, the addition of an aftermarket style ornament or other feature such as tinted plastic glass covers, a grille or allotted covers must not be placed in front of the headlamp lens, or in front of any other lighting devices installed on motor vehicles which impair the effectiveness of lighting equipment required under 49 CFR Part 571.108 (FMVSS 108) or chapter 46.37 RCW. Except:

(a) Clear aftermarket headlamp covers.

(b) Headlamp wipers may be used in front of the lens provided that the headlamp system is designed to conform to all applicable photometric requirements in 49 CFR Part 571.108 (FMVSS 108) with the wiper stopped in any position in front of the lens.

(c) A bike rack may be installed on the front of a municipal transit vehicle (as defined under RCW 46.04.355) provided that even with the bike rack installed, loaded or unloaded with bicycles, the headlight system still conforms with all applicable photometric requirements in 49 CFR Part 571.108 (FMVSS 108).

(3) Red emergency lights are prohibited on any vehicle other than an authorized emergency vehicle, a law enforcement vehicle, an emergency tow truck as defined in WAC

204-88-030 (1), (2), and (5), school buses, and private carrier buses.

(4) Blue lights are prohibited on any vehicle other than a law enforcement vehicle as defined in WAC 204-21-010.

(5) Flashing white lights are prohibited on any vehicle other than authorized emergency vehicles, law enforcement vehicles, school buses, and emergency tow trucks as defined in WAC 204-88-030 (1), (2), and (5).

[Statutory Authority: RCW 46.37.005 and 46.37.320. 08-19-104, § 204-21-230, filed 9/17/08, effective 10/18/08.]

## Chapter 204-24 WAC TRACTION DEVICES

### WAC

204-24-005	Promulgation.
204-24-010	Scope.
204-24-015	Definitions.
204-24-020	Standards for tire chains.
204-24-030	Standards for studded tires.
204-24-040	Traction devices.
204-24-050	Use of tire chains or other traction devices.
204-24-070	Approval of tire chains or traction devices.

### DISPOSITION OF SECTIONS FORMERLY CODIFIED IN THIS CHAPTER

204-24-060	Period of use. [Order 7607, § 204-24-060, filed 9/14/76; Order 6902, § 204-24-060, filed 2/17/70.] Repealed by 08-24-030, filed 11/24/08, effective 12/25/08. Statutory Authority: RCW 46.37.005 and 46.37.420.
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**WAC 204-24-005 Promulgation.** By authority of RCW 46.37.005 and 46.37.420, the Washington state patrol adopts the following standards for tire chains and traction tires.

[Statutory Authority: RCW 46.37.005 and 46.37.420. 08-24-030, § 204-24-005, filed 11/24/08, effective 12/25/08.]

**WAC 204-24-010 Scope.** These standards apply to tire chains and traction tires designed for and used upon a public roadway.

[Statutory Authority: RCW 46.37.005 and 46.37.420. 08-24-030, § 204-24-010, filed 11/24/08, effective 12/25/08.]

**WAC 204-24-015 Definitions.** (1) "All wheel drive" means a vehicle which has four-wheel drive capability and may be driven with all wheels in gear.

(2) "Cable laid rope" means a compound laid rope consisting of several ropes or several layers of strands laid together into one rope.

(3) "Cable tire chains" means any ladder-type cable tire chain assemblies designed for use on tires that have been manufactured in accordance with the standards of the Tire & Rim Association, Inc.; 3200 West Market Street; Akron, Ohio 44313.

(4) "Cross cable fastener" means any suitable fastener used to attach each cross cable to the side cable. The fastener must be constructed and assembled to prevent accidental detachment.

(5) "Cross cable traction reinforcement sleeves" means a device that is constructed of the manufacturer's specified material and of suitable length and width to maximize traction, braking, cornering and longevity.

(6) "Fastener" means any suitable connecting device, secured to one end of a side cable constructed so that it can connect to the opposing end and be easily closed (engaged or fastened) and be readily opened (released) by hand.

(7) "Link tire chains" means tire chains which consist of at least two chain loops, one on each side of the tire, connected by evenly spaced metal cross chains across the tire tread.

(8) "Reinforced cross cables" means stranded cable wrapped or covered to provide increased resistance to abrasive wear. This covering may be either a hard drawn spring wire, a high-carbon steel wire or nylon type 6 or 12. The wrapped or covered cable must be enclosed by traction reinforcement sleeves covering said cable essentially from side connector to side connector. Cross cable must be of specified length and provide proper drape over the tire tread.

(9) "Side cable" means stranded cable to complete one full circumference along the tire sidewall.

[Statutory Authority: RCW 46.37.005 and 46.37.420. 08-24-030, § 204-24-015, filed 11/24/08, effective 12/25/08.]

**WAC 204-24-020 Standards for tire chains.** (1) Link tire chains must meet the National Association of Chain Manufacturers Tire Chain Specifications NACM-5179(TC).

(2) Cable tire chains must be designed for use on tires mounted in accordance with specifications in Society of Automotive Engineers (SAE) Recommended Practice J1232, Class S, and SAE Informational Report J683a. Oversized tires, snow tires, special service, or special traction tires, etc., may require chains of a larger size.

(a) Classifications. Cable tire chains described in this specification must be of the following types as specified for regular and restricted clearances:

- (i) Passenger car;
- (ii) Single light truck;
- (iii) Heavy truck;
- (iv) Special police and emergency vehicle.

(b) Requirements:

(i) Components. Cable tire chain assemblies must consist of two side cables, or two outer and one inner side cable, with reinforced cross cables, cross cable fastener, and fasteners necessary to form a complete assembly.

(ii) Material.

(A) Stranded side and stranded cross cable wire must be constructed of preformed galvanized high-carbon steel with a minimum of 450 pounds breaking strength with seven wires per strand and seven strands per cable. The lay must be a right hand lay.

(B) Wire covering stranded cable must be constructed of high-carbon plow steel wire with a minimum tensile strength of 230,000 pounds per square inch.

(C) Spring wire covering stranded cable must be constructed of harddrawn spring wire with a minimum tensile strength of 200,000 pounds per square inch.

(D) Cables, spring, and plow wire must be manufactured in conformance to SAE Recommended Practice J113.

(E) Cross cable fasteners must be constructed of open hearth, electric furnace, or basic oxygen process steel.

(F) Metallic cross cable traction reinforcement sleeves must be constructed of open hearth, electric furnace, or basic oxygen process steel and shall comply with the following

American Society for Testing Materials (ASTM) standards: Standard E6 - Bend Test, Standard E8 - Tension Test, Standard E18 - Test Methods for Rockwell Hardness, and Standard A568 - Table of Chemical Content of Steel.

(G) Nonmetallic cross cable traction reinforcement sleeves shall be constructed of "Zytel" ST-801 nylon or its equivalent.

(H) All side cable fasteners are to be constructed of material that will allow easy installation and removal.

(iii) Spacing of cross cable. The first cross cable must be attached to that point of each side cable nearest the fastener that will permit the fastener to lie in the proper plane when the assembled cable tire chain is applied to the tire. On single cable tire chains, the remainder of the cross cables must be attached to the side cable at intervals designed to provide for at least one cross cable in contact with the roadway at all times. On dual-triple tire chains, the remainder of the cross cable shall be attached to the outer side cables at like intervals and to the inner side chain with opposing cross cables staggered at the same intervals.

(iv) Tolerances.

(A) Cross cable length. The inside length of all cross cable, including fasteners held in the same plane, must be within a tolerance of minus 1/8 inch to plus 1/8 inch of the specified length indicated by the chain manufacturer's specifications. The length shall be measured by hanging the cross cable vertically on a horizontal pin and measuring the inside to inside length. The number of traction reinforcement sleeves in a cross cable may not vary from the number specified by the manufacturer.

(B) Side cable length. The length of all side cables must be within tolerance of minus 1/8 inch to plus 1/2 inch of the length indicated by the chain manufacturer's specifications.

(C) Stranded cable size. Stranded cable size must be subject to the following tolerances:

(I) Material up to and including .094 inch (2.4 mm) diameter shall not be less than the designated diameter and shall not exceed .010 inch (.25 mm) over the specified diameter.

(II) Material over .094 inch (2.4 mm) diameter shall not be less than the specified diameter and shall not exceed .014 inch (.36 mm) over the specified diameter.

(D) Component dimensions. The dimensions of manufactured components may vary, but the assembled cable chains must meet the tolerances specified in (b)(iv)(A), (B), and (C) of this subsection.

(E) Finish. All cable tire chains must have a rust-resistant finish for protection in transit and storage.

(F) Identification. Each half set of cable tire chains must be permanently marked with the manufacturing company's name, initials or trademark in order that it may be easily identified when not in the original container.

[Statutory Authority: RCW 46.37.005 and 46.37.420. 08-24-030, § 204-24-020, filed 11/24/08, effective 12/25/08. Statutory Authority: RCW 46.37-420, 46.37.190, 46.37.194 and 46.37.280. 82-16-047 (Order 82-07-01), § 204-24-020, filed 7/29/82; Order 7607, § 204-24-020, filed 9/14/76; Order 6902, § 204-24-020, filed 12/19/73; Order 6902, § 204-24-020, filed 2/17/70.]

**WAC 204-24-030 Standards for studded tires.** Studded tires must meet the following specifications:

(1) Studs must be metal, tipped with tungsten carbide.

(2) Metal studs must be inserted only in a new tire or a newly-recapped tire which has molded in the tread the "pin-holes" into which metal studs are to be inserted. Studs must not be inserted in any new tire or newly-recapped tire after it has been driven on a vehicle.

(3) Metal studs may be installed only by the tire manufacturer, or by a tire dealer or tire jobber who shall install the metal studs in conformance with the manufacturer's specifications.

(4) When a tire is sold or offered for sale as a studded tire or when studs are installed in a new tire or a newly recapped tire, there must be a minimum of seventy metal studs evenly spaced around the tread of the tire.

(5) A tire must contain a minimum of fifty-six metal studs at all times in order to qualify as a "studded tire" or as an approved traction device.

(6) Metal studs must not be installed in any tire of a vehicle which has a gross vehicle weight of ten thousand pounds or over.

(7) School buses and fire department equipment tires are exempt from subsection (6) of this section.

[Statutory Authority: RCW 46.37.005 and 46.37.420. 08-24-030, § 204-24-030, filed 11/24/08, effective 12/25/08. Statutory Authority: RCW 46.37.-420, 46.12.330, 46.37.005. 02-19-055, § 204-24-030, filed 9/12/02, effective 10/13/02. Statutory Authority: RCW 46.12.330. 00-15-009, § 204-24-030, filed 7/10/00, effective 8/10/00. Statutory Authority: RCW 46.37.420. 92-05-016, § 204-24-030, filed 2/10/92, effective 3/12/92; 83-21-080 (Order 83-10-01), § 204-24-030, filed 10/19/83; Order 7607, § 204-24-030, filed 9/14/76; Order 6902, § 204-24-030, filed 2/17/70.]

**WAC 204-24-040 Traction devices.** The following equipment items are approved by the state patrol for use as traction devices wherever traction devices are required by the department of transportation:

(1) Tire chains meeting the standards in WAC 204-24-020.

(2) Studded tires meeting the standards in WAC 204-24-030.

(3) Approved traction tires. An approved traction tire must have the following tread characteristics:

(a) A minimum of 4/32 inch tread, measured in the center portion of the tire at three locations equally spaced around the circumference of the tire.

(b) A relatively aggressive tread pattern designed primarily to provide additional starting, stopping, and driving traction on snow or ice. The tread must have ribs, lugs, blocks or buttons the edges of which are at an angle greater than thirty degrees to the tire circumferential centerline.

(c) On at least one side of the tread design, the shoulder lugs protrude at least 1/2-inch in a direction generally perpendicular to the direction of travel.

(d) Tires manufactured to meet these specifications must:

(i) Be permanently labeled on at least one sidewall with the words "mud and snow" or any contraction using the letters "M" and "S" (e.g. MS, M/S, M-S, M & S, etc.).

(ii) Be permanently labeled on at least one side wall with the mountain/snowflake symbol.

[Statutory Authority: RCW 46.37.005 and 46.37.420. 08-24-030, § 204-24-040, filed 11/24/08, effective 12/25/08. Statutory Authority: RCW 46.37.-420. 92-05-016, § 204-24-040, filed 2/10/92, effective 3/12/92; 83-21-080

(2009 Ed.)

(Order 83-10-01), § 204-24-040, filed 10/19/83. Statutory Authority: RCW 46.37.005. 82-11-045 (Order 82-05-01), § 204-24-040, filed 5/12/82; Order 7607, § 204-24-040, filed 9/14/76; Order 6902, § 204-24-040, filed 2/17/70.]

**WAC 204-24-050 Use of tire chains or other traction devices.** (1) Vehicles under 10,000 pounds gross vehicle weight.

When traffic control signs are posted by the department of transportation it will be unlawful for any vehicle to enter the controlled area without having mounted on its drive tires the traction device specified by the sign, which must also meet the requirements of WAC 204-24-040.

Exception for all wheel drive vehicles. When "chains required" signs are posted, all-wheel drive vehicles will be exempt from the chain requirement when all wheels are in gear and are equipped with approved traction devices as specified in WAC 204-24-040 provided that tire chains for at least one set of drive tires are carried in the vehicle.

(2) Vehicles or combinations of vehicles over 10,000 pounds gross vehicle weight rating (GVWR).

When traffic control signs marked "chains required" are posted by the department of transportation it will be unlawful for any vehicle or combination of vehicles to enter the controlled area without having mounted on its tires, tire chains as follows: Provided, That highway maintenance vehicles operated by the department of transportation for the purpose of snow removal and its ancillary functions are exempt from the following requirements if such vehicle has sanding capability in front of the drive tires.

(a) Vehicles or vehicle combinations with two to four axles including but not limited to trucks, truck-tractors, buses and school buses: For vehicles with a single drive axle, one tire on each side of the drive axle must be chained. For vehicles with dual drive axles, one tire on each side of one of the drive axles must be chained. For vehicle combinations including trailers or semi-trailers; one tire on the last axle of the last trailer or semi-trailer, must be chained. If the trailer or semi-trailer has tandem rear axles, the chained tire may be on either of the last two axles.

(b) Automobile transporters are any vehicle combination designed and used specifically for the transport of assembled (capable of being driven) highway vehicles. For vehicles with single drive axles, one tire on each side of the drive axle must be chained. For vehicles with dual drive axles, one tire on each side of each of the drive axles must be chained. For vehicle combinations including trailers or semi-trailers, one tire on the last axle of the last trailer or semi-trailer must be chained. If the trailer or semi-trailer has tandem rear axles, the chained tire may be on either of the last two axles.

(c) Vehicle combinations with five axles consisting of a truck tractor with dual drive axles and a tandem axled semi-trailer; all tires on one drive axle may be chained or one tire on each side of each of the drive axles may be chained. Chains must be applied to a minimum of four tires on the drive axles. On the tandem axle semi-trailer, the chained tire may be on either of the last two axles.

(d) Vehicle combinations with five axles, consisting of a truck and trailer, or truck tractor and semi-trailer with a single drive axle, or truck tractor, semi-trailer and full trailer: For vehicles with a single drive axle, all tires on the drive axle must be chained. For vehicles with dual drive axles, all tires

on one of the drive axles must be chained. For vehicle combinations including trailers or semi-trailers, one tire on the last axle of the last trailer or semi-trailer must be chained. If the trailer or semi-trailer has tandem rear axles, the chained tire may be on either of the last two axles.

(e) Vehicle combinations with six or more axles, including but not limited to truck and trailer or truck tractor and semi-trailer or truck tractor semi-trailer and full trailer: For vehicles with a single drive axle, all tires on the drive axle must be chained. For vehicles with dual drive axles where traffic control signs marked "approved traction tires required" are posted, all tires on one of the drive axles must be chained. For vehicles with dual drive axles where traffic control signs marked "chains required" are posted, all tires on one of the drive axles must be chained. In addition, one tire on each side of the additional drive axle must be chained. For vehicle combinations including trailers or semi-trailers, one tire on the last axle must be chained. For vehicles with tandem axle trailers or semi-trailers, the chained tire may be on either of the last two axles.

(f) All vehicles over 10,000 pounds gross vehicle weight rating (GVWR) must carry a minimum of two extra chains for use in the event that road conditions require the use of more chains or in the event that chains in use are broken or otherwise made useless.

(g) Approved chains for vehicles over 10,000 pounds gross vehicle weight rating (GVWR) must have at least two side chains to which are attached sufficient cross chains of hardened metal so that at least one cross chain is in contact with the road surface at all times. Plastic chains will not be allowed.

(h) On the following routes all vehicles and combinations of vehicles over 10,000 gross vehicle weight rating (GVWR) pounds must carry sufficient tire chains to meet the requirements of this chapter from November 1 to April 1 of each year or at other times when chains are required for such vehicles:

- (i) I-90 - between North Bend (MP 32) and Ellensburg (MP 101).
- (ii) SR-97 - between (MP 145) and Junction SR-2.
- (iii) SR-2 - between Dryden (MP 108) and Index (MP 36).
- (iv) SR-12 - between Packwood (MP 135) and Naches (MP 187).
- (v) SR-97 - between the Columbia River (MP 0.00) and Toppenish (MP 59.00).
- (vi) SR-410 - from Enumclaw to Naches.
- (vii) SR-20 - between Tonasket (MP 262) and Kettle Falls (MP 342); and SR-20 between Newhalem (MP 120) and Winthrop (MP 192).
- (viii) SR-155 - between Omak (MP 79) and Nespelem (MP 45).
- (ix) SR-970 - between (MP 0) and (MP 10).
- (x) SR-14 - between Gibbons Creek (MP 18.00) and (MP 108.40) intersection of Cliffs Road.
- (xi) SR-542 - Mt. Baker highway between (MP 22.91) and (MP 57.26).
- (xii) I-82 - between Ellensburg Exit 3 (MP 3.00) and Selah Exit 26 (MP 26.00).

Vehicles making local deliveries as indicated on bills of lading and not crossing the mountain pass are exempt from this requirement if operating outside of a chain required area.

(3) The Washington state department of transportation or Washington state patrol may prohibit any vehicle from entering a chain/approved traction device control area when it is determined that the vehicle will experience difficulty in safely traveling the area.

[Statutory Authority: RCW 46.37.005 and 46.37.420. 08-24-030, § 204-24-050, filed 11/24/08, effective 12/25/08. Statutory Authority: RCW 46.37.-420, 46.12.330, 46.37.005. 02-19-055, § 204-24-050, filed 9/12/02, effective 10/13/02. Statutory Authority: RCW 46.37.005. 00-03-081, § 204-24-050, filed 1/19/00, effective 2/19/00; 99-06-023, § 204-24-050, filed 2/22/99, effective 3/25/99; 98-19-042, § 204-24-050, filed 9/11/98, effective 10/12/98; 95-07-137, § 204-24-050, filed 3/22/95, effective 4/22/95. Statutory Authority: RCW 46.37.420. 94-08-069, § 204-24-050, filed 4/4/94, effective 5/5/94; 92-05-016, § 204-24-050, filed 2/10/92, effective 3/12/92. Statutory Authority: RCW 46.37.005. 91-14-004 (Order 91-003), § 204-24-050, filed 6/21/91, effective 7/22/91. Statutory Authority: RCW 46.37.420. 83-21-080 (Order 83-10-01), § 204-24-050, filed 10/19/83. Statutory Authority: RCW 46.37.005. 82-11-045 (Order 82-05-01), § 204-24-050, filed 5/12/82. Statutory Authority: RCW 46.37.005 and 46.37.420. 81-10-038 (Order 81-04-01), § 204-24-050, filed 4/30/81; 78-02-091 (Order 7607A), § 204-24-050, filed 1/30/78; Order 7607, § 204-24-050, filed 9/14/76; Order 6902, § 204-24-050, filed 2/17/70.]

**WAC 204-24-070 Approval of tire chains or traction devices.** (1) Any tire chain, wheel chains, studded tires, or other traction devices meeting the standards in this chapter or certified under one of the following:

- (a) Conformance to Federal Motor Vehicle Safety Standards, or, if none,
  - (b) Conformance to current standards and specifications of the Society of Automotive Engineers, or, if none,
  - (c) Certified for compliance by any recognized organization or agency such as, but not limited to, the American National Standards Institute, or the American Association of Motor Vehicle Administrators,
- will be considered as an approved type chain, studded tire, or other traction device by the state patrol.

(2) Links to the Code of Federal Regulations are available on the Washington state patrol web site at [www.wsp.wa.gov](http://www.wsp.wa.gov). Copies of the CFR may also be ordered through the United States Government Printing Office, 732 N. Capitol Street, N.W., Washington, D.C. 20401. Copies of the SAE standards are available for review at the Washington State Patrol, 210 11th Avenue, Olympia, WA 98504, and may also be ordered from the Society of Automotive Engineers International, 400 Commonwealth Drive, Warrendale, PA 15096.

[Statutory Authority: RCW 46.37.005 and 46.37.420. 08-24-030, § 204-24-070, filed 11/24/08, effective 12/25/08. Statutory Authority: RCW 46.37.-420. 92-05-016, § 204-24-070, filed 2/10/92, effective 3/12/92; 83-21-080 (Order 83-10-01), § 204-24-070, filed 10/19/83; 78-02-091 (Order 7607A), § 204-24-070, filed 1/30/78; Order 7607, § 204-24-070, filed 9/14/76.]

## Chapter 204-32 WAC

### REGULATIONS FOR PRIVATE CARRIER BUSES

#### WAC

204-32-010	Definitions.
204-32-020	Standards for signal lamps.
204-32-030	Standards for stop signal.
204-32-050	Identification signs.
204-32-060	Warning sign.
204-32-090	Stops at railroad crossings.
204-32-100	Inspection of buses.



204-32-110 Bus stops and routing.

**DISPOSITION OF SECTIONS FORMERLY  
CODIFIED IN THIS CHAPTER**

204-32-040 Mounting and activation of warning devices. [Statutory Authority: RCW 46.37.005 and 46.37.290. 99-18-028, § 204-32-040, filed 8/24/99, effective 9/24/99; Order 7001, § 204-32-040, filed 6/10/70, effective 7/15/70.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320. Repealed by 08-19-078, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37.005 and 46.37.290.

204-32-070 Color of turn signal and stop lamps. [Order 7001, § 204-32-070, filed 6/10/70, effective 7/15/70.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320. Repealed by 08-19-078, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37.005 and 46.37.290.

204-32-080 Use of warning devices. [Order 7001, § 204-32-080, filed 6/10/70, effective 7/15/70.] Repealed by 08-19-104, filed 9/17/08, effective 10/18/08. Statutory Authority: RCW 46.37.005 and 46.37.320. Repealed by 08-19-078, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37.005 and 46.37.290.

204-32-120 Effective date. [Order 7001, § 204-32-120, filed 6/10/70, effective 7/15/70.] Repealed by 08-19-078, filed 9/16/08, effective 10/17/08. Statutory Authority: RCW 46.37.005 and 46.37.290.

**WAC 204-32-010 Definitions.** (1) "Chief" means the chief of the Washington state patrol or their designee.

(2) "Private carrier bus" means every motor vehicle designed for the purpose of carrying passengers (having a seating capacity for eleven or more persons) used regularly to transport persons in furtherance of any organized agricultural, religious or charitable purpose. Such term does not include buses operated by common carriers under a franchise granted by any city or town or the Washington public utilities commission.

(3) "Stop signal" means a sign bearing the word "STOP" which is actuated by the driver of the bus.

(4) "Signal lamps" means red lamps mounted on the vehicle to be used in conjunction with the "stop signal" when the bus is loading or unloading passengers under certain conditions.

(5) "Warning sign" means a sign to be attached to the rear of the bus to inform following motorists of their duty to stop when the "signal lamps" are activated.

[Statutory Authority: RCW 46.37.005 and 46.37.290. 08-19-078, § 204-32-010, filed 9/16/08, effective 10/17/08; Order 7001, § 204-32-010, filed 6/10/70, effective 7/15/70.]

**WAC 204-32-020 Standards for signal lamps.** The signal lamps required on private carrier buses must be constructed in conformance with the society of automotive engineers standard for "school bus red signal lamps," in effect at the time of manufacture of such lamps. All lamps used as signal lamps must meet the requirements set forth for lighting under chapter 204-21 WAC.

[Statutory Authority: RCW 46.37.005 and 46.37.290. 08-19-078, § 204-32-020, filed 9/16/08, effective 10/17/08; 99-18-028, § 204-32-020, filed 8/24/99, effective 9/24/99; Order 7001, § 204-32-020, filed 6/10/70, effective 7/15/70.]

**WAC 204-32-030 Standards for stop signal.** The stop signal required on private carrier buses must:

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(1) Be fourteen inches vertically and eighteen inches horizontally.

(2) Be treated with red reflective material.

(3) Have the word "STOP" painted on the sign in white with letters which are a minimum of eight inches in height and having a three-quarter-inch stroke.

(4) Meet the requirements outlined in above on both sides of the sign.

(5) Be mounted on the left side of the bus just below the window line and adjacent to the driver of the bus.

(6) Be hinged at the front edge of the sign.

(7) Be manually controlled by the driver of the bus.

(8) Be so constructed as to lock in an extended position perpendicular to the side of the bus and to also lock in the closed position parallel to the side of the bus.

(9) Only be actuated by the driver of a private carrier bus whenever such vehicle is stopped on the highway for the purpose of receiving or discharging passengers, except:

(a) When the passengers boarding or alighting do not have to cross a highway and the bus is stopped completely off the main traveled portion of the roadway; or

(b) When the bus is stopped at an intersection or place where traffic is controlled by a traffic officer or official control signal.

[Statutory Authority: RCW 46.37.005 and 46.37.290. 08-19-078, § 204-32-030, filed 9/16/08, effective 10/17/08; Order 7001, § 204-32-030, filed 6/10/70, effective 7/15/70.]

**WAC 204-32-050 Identification signs.** A sign must be affixed to every private carrier bus that is plainly visible and contains the words "**private carrier bus.**" The sign must:

(1) Have letters not less than eight inches in height.

(2) Have letters that are at least three-quarter-inch stroke.

(3) Be located above the windshield on the front of the bus and above the rear windows on the rear of the bus.

[Statutory Authority: RCW 46.37.005 and 46.37.290. 08-19-078, § 204-32-050, filed 9/16/08, effective 10/17/08; Order 7001, § 204-32-050, filed 6/10/70, effective 7/15/70.]

**WAC 204-32-060 Warning sign.** A sign must be affixed to the rear of every private carrier bus that is clearly visible and contains the words "**unlawful to pass bus when red lights flash.**" The sign must:

(1) Be sixteen inches vertically and thirty-two inches horizontally.

(2) Have a background of silver retrodirective-reflex reflective sheeting.

(3) Have lettering that is size three inch B.

(4) Have the letters "**unlawful to**" in black on line one.

(5) Have the letters "**pass bus when**" in black on line two.

(6) Have the letters "**red lights flash**" in red on line three.

**EXCEPTION:** Buses that do not stop upon the roadway to load or discharge passengers are exempt from the requirements of this section.

[Statutory Authority: RCW 46.37.005 and 46.37.290. 08-19-078, § 204-32-060, filed 9/16/08, effective 10/17/08; 99-18-028, § 204-32-060, filed 8/24/99, effective 9/24/99; Order 7001, § 204-32-060, filed 6/10/70, effective 7/15/70.]

**WAC 204-32-090 Stops at railroad crossings.** (1) The driver of any private carrier bus, carrying any passenger, before crossing at grade any track or tracks of a railroad, must stop such vehicle within fifty feet but no less than fifteen feet from the nearest rail of such railroad and while so stopped must listen and look in both directions along such track for any approaching train, and for signals indicating the approach of a train and must not proceed until he can do so safely.

(2) After stopping as required and upon proceeding when it is safe to do so the driver of any private carrier bus must cross only in such gear of the vehicle that there will be no necessity for changing gears while traversing such crossing and the driver must not shift gears while crossing the track or tracks.

(3) No stop need be made at any such crossing where a police officer or a traffic-control signal directs traffic to proceed.

[Statutory Authority: RCW 46.37.005 and 46.37.290. 08-19-078, § 204-32-090, filed 9/16/08, effective 10/17/08; Order 7001, § 204-32-090, filed 6/10/70, effective 7/15/70.]

**WAC 204-32-100 Inspection of buses.** The chief may, from time to time, require that every private carrier bus be presented at some location which must be designated by him for the purpose of inspection of the vehicle to determine if the vehicle is equipped as required by law and the provisions of this regulation.

[Statutory Authority: RCW 46.37.005 and 46.37.290. 08-19-078, § 204-32-100, filed 9/16/08, effective 10/17/08; Order 7001, § 204-32-100, filed 6/10/70, effective 7/15/70.]

**WAC 204-32-110 Bus stops and routing.** The chief may delegate officers of the Washington state patrol to work with private carrier bus operators and owners to establish routes and passenger loading and unloading locations which will provide the greatest safety for bus passengers and the motoring public. Bus stops and routes established by this means must be adhered to by private carrier bus drivers.

[Statutory Authority: RCW 46.37.005 and 46.37.290. 08-19-078, § 204-32-110, filed 9/16/08, effective 10/17/08; Order 7001, § 204-32-110, filed 6/10/70, effective 7/15/70.]

## Chapter 204-36 WAC

### AUTHORIZED EMERGENCY VEHICLE PERMITS

#### WAC

204-36-010	Promulgation.
204-36-020	Definitions.
204-36-030	Permit requirements.
204-36-040	Permit limitations.
204-36-050	Equipment requirements.
204-36-060	Procedure.
204-36-070	Revocation or suspension.

**WAC 204-36-010 Promulgation.** The state patrol hereby adopts the following regulations relating to the issuance of an authorized emergency vehicle permit.

[Statutory Authority: RCW 46.37.194. 88-15-052 (Order 88-08-ESR), § 204-36-010, filed 7/18/88. Statutory Authority: RCW 46.37.005 and 46.37-194. 79-02-085 (Order 7501A), § 204-36-010, filed 2/7/79; Order 7301, § 204-36-010, filed 2/5/73.]

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**WAC 204-36-020 Definitions.** (1) Operator or driver. The term operator and the term driver, as used herein, means every person who is in actual physical control of an authorized emergency vehicle.

(2) Operation. The term operation, as used herein, is the driving or moving by any operator or driver upon a public highway of any vehicle that is equipped or has attached thereon any equipment, the installation of which requires an authorized emergency vehicle permit, whether or not the emergency equipment is activated.

(3) Patrol shall mean the state patrol.

[Statutory Authority: RCW 46.37.194. 88-15-052 (Order 88-08-ESR), § 204-36-020, filed 7/18/88. Statutory Authority: RCW 46.37.005 and 46.37-194. 79-02-085 (Order 7501A), § 204-36-020, filed 2/7/79; Order 7301, § 204-36-020, filed 2/5/73.]

**WAC 204-36-030 Permit requirements.** (1) Any person, firm, corporation or municipal corporation desiring to have a vehicle registered as an authorized emergency vehicle pursuant to RCW 46.37.194 shall apply for such classification to the state patrol on forms provided by the patrol.

(2) The applicant shall furnish the following information to the patrol:

(a) A description of the specific geographic area in which the vehicle shall be used as an authorized emergency vehicle.

(b) A description of the vehicle, to include, year, make, model, VIN, license number, and registered owner.

(c) A description of the specific purposes for which the vehicle shall be used as an authorized emergency vehicle, funeral escorts, fire response, or other (describe in detail).

(d) An explanation of the nature and scope of the duties, responsibilities and authority of the vehicle operator which necessitate the need for vehicle to have an authorized emergency vehicle permit.

(e) A description of the emergency equipment to be used if the permit is granted.

(f) A listing of the names, addresses, birthdates, operator's license numbers and other identifying data as may be prescribed on the application form by the patrol, of all persons who will use the vehicle as an authorized emergency vehicle, and a completed applicant fingerprint card.

(g) Certification from each jurisdiction identified in (a) of this subsection that the vehicle is to be used as described. Such certification shall be by:

(i) The chief law enforcement officer if the applicant is a law enforcement or security officer, or has funeral home, coroner, ambulance or other nonfire related duties.

(ii) The fire chief if the vehicle is to be used for firefighting purposes.

The certification shall state that a need exists in the jurisdiction for the vehicle to be used as described and that the certifier knows of no reason why the application should be denied.

Note: If the person making application is the chief law enforcement officer or the fire chief of the jurisdiction, certification must be made by the chief executive officer of the political subdivision of the jurisdiction.

Upon satisfactory application the patrol may issue an emergency vehicle permit or permits which, when carried as

required, are valid until expiration or cancellation as prescribed in WAC 204-36-070.

[Statutory Authority: RCW 46.37.005 and 46.37.194. 02-07-055, § 204-36-030, filed 3/14/02, effective 4/14/02. Statutory Authority: RCW 46.37.194. 90-07-034, § 204-36-030, filed 3/15/90, effective 4/15/90; 88-15-052 (Order 88-08-ESR), § 204-36-030, filed 7/18/88. Statutory Authority: RCW 46.37.-005 and 46.37.194. 79-02-085 (Order 7501A), § 204-36-030, filed 2/7/79; Order 7501, § 204-36-030, filed 11/25/75; Order 7301, § 204-36-030, filed 2/5/73.]

**WAC 204-36-040 Permit limitations.** (1) A vehicle registered by the patrol shall not be used as an authorized emergency vehicle except as follows:

(a) Only by the operators named in the original or amended application.

(b) Only with the equipment described in the original or amended application.

(c) Only within the geographic area described in the original or amended application.

(d) Only for the purposes set forth in the original or amended application.

(e) If being used for escort services, may be used only for funeral escorts.

(2) If an authorized emergency vehicle is used for private purposes, or for purposes in an area or by an operator other than as set forth in the application, all emergency equipment which is exposed to public view shall be covered with an opaque hood, and shall not be operated during such period of time.

(3) The issuance of an emergency vehicle permit does not relieve the driver from the duty to drive with regard for the safety of all persons, nor shall such provisions protect the driver from the consequences of his disregard for the safety of others and does not grant police authority to the operators of said vehicle. Any inappropriate or misuse of authorized emergency vehicles may result in criminal or civil liability as well as cancellation of the emergency vehicle permit.

[Statutory Authority: RCW 46.37.005 and 46.37.194. 02-07-055, § 204-36-040, filed 3/14/02, effective 4/14/02. Statutory Authority: RCW 46.37.194. 90-07-034, § 204-36-040, filed 3/15/90, effective 4/15/90; 88-15-052 (Order 88-08-ESR), § 204-36-040, filed 7/18/88; Order 7301, § 204-36-040, filed 2/5/73.]

**WAC 204-36-050 Equipment requirements.** Authorized emergency vehicles shall be conventional passenger cars, vans, pickups, or similar vehicles. The vehicles shall be conventionally painted, legally equipped and shall not display commercial signs, posters, or pictures. Equipment, not related to the emergency nature of the vehicle, shall not be carried or attached to the outside of the vehicle. Every authorized emergency vehicle shall be equipped in conformance with RCW 46.37.190(1) with at least one lamp capable of displaying a red light visible from at least five hundred feet in normal sunlight and a siren capable of giving an audible signal. To be considered approved equipment for use under the provisions of this section, all devices must meet the criteria established in RCW 46.37.320. In descending order of preference, these are:

(1) Conformance to current standards and specifications of the Society of Automotive Engineers, or, if none,

(2) Certified for compliance by any recognized organization or agency such as, but not limited to, the American

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National Standards Institute, the Society of Automotive Engineers, or the American Association of Motor Vehicle Administrators.

(a) Such equipment shall not be installed prior to obtaining approval of the application by the patrol.

(b) Blue lamps shall not be installed unless requested in the application and specifically approved and listed on the permit.

[Statutory Authority: RCW 46.37.194. 90-07-034, § 204-36-050, filed 3/15/90, effective 4/15/90; 88-15-052 (Order 88-08-ESR), § 204-36-050, filed 7/18/88; Order 7301, § 204-36-050, filed 2/5/73.]

**WAC 204-36-060 Procedure.** (1) If the patrol approves the application, it shall first issue a certificate of approval which shall be valid for thirty days, during which time the emergency equipment may be installed. After installation of the emergency equipment, the applicant shall bring the vehicle to a district or detachment office of the Washington state patrol to be examined to determine if it is of an approved type. A Washington state patrol officer shall certify the results of this examination on a form prescribed and provided by the patrol and the applicant shall file the form with the State Patrol, E.S.R. Unit, General Administration Building, P.O. Box 42614, Olympia, WA 98504-2614. Upon receipt of such certification, the patrol shall issue a permit, which shall expire one year from the date of issuance thereof.

(2) The patrol may refuse to approve the application, certificate or permit or in the case of an application which lists multiple operators may refuse to approve any single operator if the applicant/operator has been convicted of a felony during the ten years preceding the date of the application provided the felony for which the applicant was convicted directly relates to the specific occupation, trade, vocation, or business for which the certificate or permit is sought.

(3) The certificate of approval and when issued, the permit, including all endorsements for change of conditions as provided in WAC 204-36-030, shall be carried in the authorized emergency vehicle at all times, and shall be displayed on request to any law enforcement officer.

[Statutory Authority: RCW 46.37.005 and 46.37.194. 02-07-055, § 204-36-060, filed 3/14/02, effective 4/14/02. Statutory Authority: RCW 46.37.194. 90-07-034, § 204-36-060, filed 3/15/90, effective 4/15/90; 88-15-052 (Order 88-08-ESR), § 204-36-060, filed 7/18/88. Statutory Authority: RCW 46.37.-005 and 46.37.194. 81-04-043 (Order 81-01-01), § 204-36-060, filed 2/3/81; 79-02-085 (Order 7501A), § 204-36-060, filed 2/7/79; Order 7301, § 204-36-060, filed 2/5/73.]

**WAC 204-36-070 Revocation or suspension.** (1) Violation of any of these regulations shall be grounds for suspension or revocation of the authorized emergency vehicle permit. Notice shall be furnished to the applicant at least twenty days prior to the effective date of such suspension or revocation. The notice shall describe the grounds for the order and shall furnish the applicant an opportunity to be heard within the twenty-day period. The notice may provide for immediate suspension of the permit prior to any hearing, or the patrol may suspend the permit following the hearing but prior to final determination, if it is necessary to do so in the interests of the public health, safety or welfare.

(2) The chief law enforcement officer, or fire chief if the vehicle is to be used for firefighting purposes, of each jurisdiction in which the vehicle is operated as an authorized

emergency vehicle may revoke his certification of the vehicle by notifying the patrol in writing of such revocation and his reasons therefor. Following notice to the applicant and an opportunity to be heard, the permit may be invalidated by the patrol.

(3) Mailing by certified mail of any notice or correspondence by the patrol to the last address of the applicant shown on his application shall be sufficient service of notice as required by this chapter.

[Statutory Authority: RCW 46.37.194, 88-15-052 (Order 88-08-ESR), § 204-36-070, filed 7/18/88. Statutory Authority: RCW 46.37.005 and 46.37-194, 79-02-085 (Order 7501A), § 204-36-070, filed 2/7/79; Order 7301, § 204-36-070, filed 2/5/73.]

### Chapter 204-41 WAC SEAT BELT EXEMPTIONS

#### WAC

204-41-010	Authority.
204-41-020	Purpose.
204-41-030	Seat belting of prisoners.
204-41-040	Rural United States postal carriers.
204-41-050	Rural newspaper carriers.
204-41-060	Utility meter readers.
204-41-070	Refuse and recycling collectors.
204-41-080	Commercially recognized delivery vehicles.

**WAC 204-41-010 Authority.** This chapter is promulgated pursuant to RCW 46.61.688 and chapter 152, Laws of 1986, and is intended to administratively implement that statute.

[Statutory Authority: RCW 46.61.688, 86-20-037 (Order 86-1), § 204-41-010, filed 9/25/86.]

**WAC 204-41-020 Purpose.** The purpose of this rule is to exempt the operators of specific vehicles that stop on a frequent basis while traveling on public roadways from the requirement to wear a seat belt assembly.

[Statutory Authority: RCW 46.61.688, 86-20-037 (Order 86-1), § 204-41-020, filed 9/25/86.]

**WAC 204-41-030 Seat belting of prisoners.** If the patrol vehicle is equipped with a seat belt system, it is intended that all prisoners being transported in a passenger style patrol vehicle wear a seat belt.

Prisoners that are transported in the front seat of a patrol vehicle should be placed in a seat belt assembly.

[Statutory Authority: RCW 46.61.688, 95-09-091, § 204-41-030, filed 4/19/95, effective 5/20/95; 86-20-037 (Order 86-1), § 204-41-030, filed 9/25/86.]

**WAC 204-41-040 Rural United States postal carriers.** Employees of the United States Postal Service are not required to wear a seat belt system while delivering mail and while actually on a designated rural mail route. Seat belt use is required when traveling to and from the mail route.

[Statutory Authority: RCW 46.61.688, 86-20-037 (Order 86-1), § 204-41-040, filed 9/25/86.]

**WAC 204-41-050 Rural newspaper carriers.** Employees of newspapers that deliver newspapers on rural routes are not required to wear a seat belt system while actually on a designated newspaper delivery route. This shall

mean in sparsely populated areas. Seat belt use is required when traveling to and from the newspaper route.

[Statutory Authority: RCW 46.61.688, 86-20-037 (Order 86-1), § 204-41-050, filed 9/25/86.]

**WAC 204-41-060 Utility meter readers.** Meter readers may be exempted from the seat belt requirements only during the time they are reading meters in residential areas and are continually in and out of their vehicles. Seat belt use is required when traveling to and from their actual route, or when on other utility business.

[Statutory Authority: RCW 46.37.005 and 46.37.510, 97-10-023, § 204-41-060, filed 4/29/97, effective 5/30/97.]

**WAC 204-41-070 Refuse and recycling collectors.** Refuse and recycling collectors are not required to wear a seat belt system while performing collections on their designated collection routes. Seat belt use is required when traveling to and from the collection route.

[Statutory Authority: RCW 46.61.688, 00-22-028, § 204-41-070, filed 10/23/00, effective 11/23/00.]

**WAC 204-41-080 Commercially recognized delivery vehicles.** Operators of commercially recognized delivery vehicles making frequent stops when traveling wholly within the limits of a town of less than ten thousand population, traveling less than one mile between stops on roads with a posted speed limit not greater than thirty-five miles per hour, while actually on a designated delivery route are not required to wear a seat belt system. Seat belt use is required when traveling to and from the designated route.

[Statutory Authority: RCW 46.61.688(2), 05-16-093, § 204-41-080, filed 8/2/05, effective 9/2/05.]

### Chapter 204-44 WAC

#### STANDARDS FOR LOAD FASTENING DEVICES

#### WAC

204-44-010	Promulgation.
204-44-020	Load fastening devices.
204-44-02001	Diagrams I and II—Placement and number of wrappers.
204-44-030	Approval of load fastening devices.
204-44-040	Securing pole trailers while in transit.

**WAC 204-44-010 Promulgation.** Under authority of RCW 46.37.005 and 46.37.490, the state patrol hereby adopts the following rules pertaining to the use of safety chains or other devices on vehicles to secure and protect the loads thereon.

[Statutory Authority: RCW 46.37.005, 90-06-055, § 204-44-010, filed 3/5/90, effective 4/5/90; Order 7303, § 204-44-010, filed 12/19/73.]

**WAC 204-44-020 Load fastening devices.** [(1)] Any motor truck, truck tractor, trailer, semi-trailer, or any combination thereof, transporting logs upon a public highway where binder devices are required, shall have the load thereon securely fastened and protected [as follows:]

(a) Placement and number of wrappers required on log trucks using stakes.

(i) In the hauling of one log loads, one wrapper chain or cable shall be required and it shall be secured to the rear bunk

and the log shall be properly blocked or secured in a manner which will prevent it from rolling or shifting. An additional wrapper, secured to the front bunk, is optional.

(ii) In the hauling of two log loads, not less than two wrapper chains or cables shall be used to secure the load. The logs shall be properly blocked to prevent them from rolling or shifting.

(iii) On loads consisting of three or four logs not over 44 feet in length, the load shall be secured by not less than two properly spaced wrapper chains or cables. Ends of short logs not secured by such wrappers shall be secured with extra wrappers. If any log is over 44 feet in length, the load shall be secured by not less than three properly spaced wrappers.

(iv) Loads consisting of five or more logs, when the logs are all 17 feet or less in length, shall be secured by not less than two properly spaced wrappers. Load consisting of five or more logs, when any log is over 17 feet in length, shall be secured by not less than three properly spaced wrappers.

(b) Placement and number of wrappers required on log trucks using chock blocks.

(i) In the hauling of one log load, one wrapper chain or cable shall be required and secured to the rear bunk and the log shall be properly blocked in a manner to prevent it from rolling or shifting.

(ii) One additional wrapper chain or cable shall be required on log trucks using chock blocks over and above the requirements in subdivisions (a)(iii) and (iv) of this section.

(c) Placement and number of wrappers required on crosswise loaded trucks, trailers, etc. In the case of short logs loaded crosswise, the following method of securing the load shall be used if the truck trailer is not provided with solid ends of a height sufficient to prevent any log in the load from rolling off: Not less than two chock blocks shall be used at each open end of the vehicle and the load shall be held with at least two wrapper chains or cables. The wrappers shall be firmly attached to the end of the truck or trailer. Rigid standards or stakes may be used in lieu of chock blocks but each such standard or stake shall be either rigidly connected to the bed of the truck or trailer or shall be placed in a tight fitting socket at least 12 inches in depth. Other means furnishing equivalent security may be acceptable.

(d) Wrapper placement. When two wrappers are required, they shall be applied within six feet of the front and rear bunks. When more than two wrappers are required, the front and back binder shall be applied within six feet of the front and rear bunks.

(e) Short logs. To properly secure short logs, binders shall be placed near the end, not less than 12 inches from the end of the log.

(f) Log on top or in outside saddle. No log loaded on top or in outside saddles of a load shall be transported unless secured by not less than two wrapper chains or cables, one of which shall be placed near each end of such log.

(g) Fasten in place. All wrappers and binders shall be fastened in place prior to tightening to prevent the displacement of logs on the top of the load.

(h) Surround load. All wrapper chains or cables, except in the case of one log loads, shall entirely surround the load. This does not apply to gut-wrappers.

(i) Gut-wrappers. Gut-wrappers, when used, shall be adjusted so as to be tightened by, but not carry the weight of the logs above them.

(j) Wrappers and binders to be placed before leaving immediate loading area. Wrappers and binders shall be placed and tightened around the completed load before the truck leaves the immediate loading area.

(k) Construction of wrappers and binders. Wrapper chains or cables, binders, fasteners, or attachments thereof, used for any purpose as required by these standards, shall have a minimum breaking strength of not less than 15,000 pounds and shall be rigged so that it can be safely released.

(l) Bundle straps or banding. For the purposes of this standard, applied bundle straps or banding are not acceptable as wrappers and binders.

(m) Loose ends secured. All loose ends of wrapper chains or cables shall be securely fastened so as to prevent their swinging free in a manner that will create a hazard.

(n) Trucks in sorting yards. Trucks and trailers used around sorting yards, etc., which travel as [at] slow speeds, will not be required to use wrappers providing all logs are contained by and lie below the height of the stakes and there are no persons on the ground exposed to such traffic.

(o) Binder hook design. Binders for securing wrappers on logging trucks shall be fitted with hooks of proper size and design for the wrapper chain being used.

(p) Defective wrappers. Wrappers shall be removed from service when any of the following conditions exist:

- (i) Excessively worn links on chains;
- (ii) Deformed or stretched chain links;
- (iii) Cracked chain links;
- (iv) Frayed, stranded, knotted, or otherwise defective wire rope.

(q) Binder extensions. Pipe extension handles (swedes) for tightening or securing binders shall be limited to not longer than 36 inches. Care shall be taken that a sufficient amount of the pipe extends over the binder handle.

(r) Defective binders. Defective binders shall be immediately removed from service.

Note: See Figures I and II [codified as WAC 204-44-02001] for illustrations of placement and number of wrappers.

(2) Any motor truck, truck tractor, trailer, semi-trailer, or any combination thereof, transporting any load other than logs, upon a public highway where binder devices are required, shall have the load thereon securely fastened and protected by at least two load binders sufficiently strong to withstand all possible strains. The load securing devices shall have a breaking strength of at least 15,000 pounds. Exception: Binders used to secure baled hay and baled straw shall have a breaking strength of not less than 9,000 pounds.

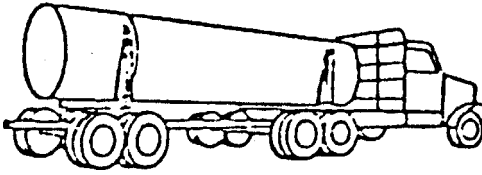
[Statutory Authority: RCW 46.37.005, 46.37.010, and 46.37.490. 78-10-100 (Order 7303B), § 204-44-020, filed 10/3/78; Order 7606, § 204-44-020, filed 2/24/76; Order 7303, § 204-44-020, filed 12/19/73.]

**Reviser's note:** RCW 34.05.395 requires the use of underlining and deletion marks to indicate amendments to existing rules, and deems ineffectual changes not filed by the agency in this manner. The bracketed material in the above section does not appear to conform to the statutory requirement.

WAC 204-44-02001 Diagrams I and II—Placement and number of wrappers.

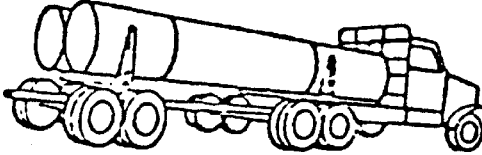
ONE LOG LOAD

One wrapper required which shall be secured to the rear bunk. Log shall be blocked or secured in a manner to prevent it from rolling or shifting. A second wrapper secured to the front bunk is optional.



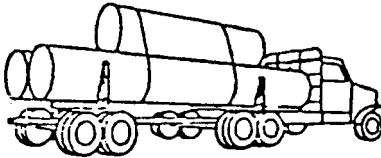
TWO LOG LOAD

A minimum of two wrappers required. Logs shall be blocked to prevent them from rolling or shifting.



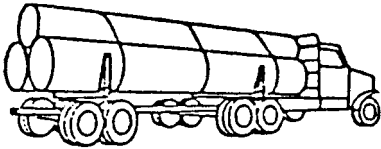
THREE OR FOUR LOG LOAD FORTY-FOUR FEET OR LESS

A minimum of two wrappers required.



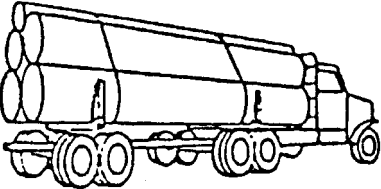
THREE OR FOUR LOG LOADS MORE THAN FORTY-FOUR FEET

A minimum of three wrappers required.



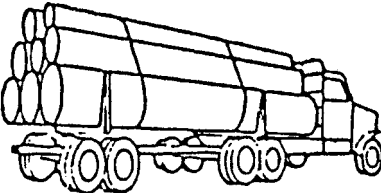
FIVE OR SIX LOG LOAD  
ALL LOGS SEVENTEEN FEET OR LESS

A minimum of two wrappers required.



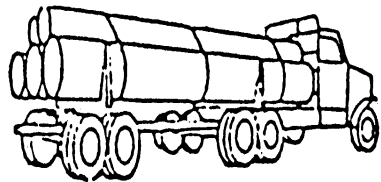
SEVEN OR MORE LOG LOAD  
ALL SEVENTEEN FEET OR LESS

A minimum of two wrappers required.



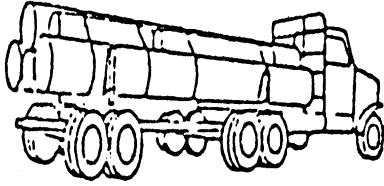
FIVE OR MORE LOG LOAD  
IF ANY LOGS ARE MORE THAN SEVENTEEN FEET

A minimum of three wrappers required.



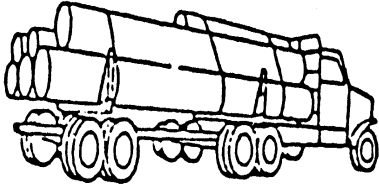
OUTSIDE LOGS OR TOP LOGS

All outside or top logs shall be secured by a wrapper near but not within 12 inches of each end.



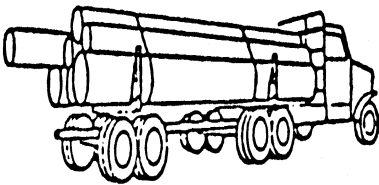
A WRAPPER SHALL BE NEAR EACH BUNK

Each load shall be secured by having a wrapper within 6 feet of each bunk except on one log loads.



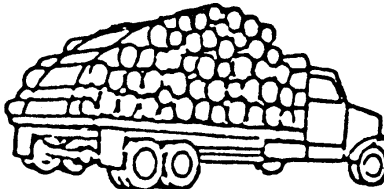
PROPER SUPPORT FOR LOGS

Not more than approximately one-third the weight of any log shall extend beyond the end of the logs or bunk supporting it.



SHORT LOGS LOADED CROSSWISE

A minimum of two wrappers are required and two chocks or stakes shall be used on the open end of the truck.



Note: All loads of logs on logging trucks equipped with chock blocks instead of stakes, shall have at least one additional wrapper over and above the requirements for trucks equipped with stakes, excepting on one and two log loads and trucks with short logs loaded crosswise.

[Statutory Authority: RCW 46.37.005, 46.37.010, and 46.37.490. 78-10-100 (Order 7303B), (codified as WAC 204-44-02001), filed 10/3/78.]

**WAC 204-44-030 Approval of load fastening devices.**

The types of binder devices listed below are hereby approved by the state patrol, provided that they have a minimum breaking strength of at least 15,000 pounds, or meet or exceed federal standards contained in CFR 393.102:

1. Steel chain.
2. Steel cable.
3. Steel strapping.
4. Fiber webbing.

[Statutory Authority: RCW 46.37.005. 90-06-055, § 204-44-030, filed 3/5/90, effective 4/5/90; Order 7303, § 204-44-030, filed 12/19/73.]

**WAC 204-44-040 Securing pole trailers while in transit.** Any empty pole trailer loaded upon any truck-tractor (except pole trailers that straddle the truck-tractor bunks) shall be fastened to the truck-tractor by not less than one 5/16" grade seven or better chain and one tensioning or locking device in such a manner as to prevent it from falling or shifting while in transit. The chain shall be securely fastened between the forward point on the reach tunnel and a point on the truck-tractor frame or from either axle of the pole trailer

(2009 Ed.)

to a point directly below the truck-tractor frame or cross-member.

[Statutory Authority: RCW 46.37.005. 93-11-017, § 204-44-040, filed 5/6/93, effective 6/6/93.]

**Chapter 204-50 WAC**

**IGNITION INTERLOCK BREATH ALCOHOL DEVICES**

**WAC**

204-50-010	Authority.
204-50-020	Purpose.
204-50-030	Definitions.
204-50-040	Testing certification, revocation or surrender of certification and recertification.
204-50-050	Modifications to a certified device.
204-50-070	Variable calibration.
204-50-080	Device maintenance and reports.
204-50-090	Device security.
204-50-110	Mandatory operational features.
204-50-120	Other provisions.
204-50-130	Removal procedures.

**DISPOSITION OF SECTIONS FORMERLY CODIFIED IN THIS CHAPTER**

204-50-060	Device accuracy and reliability. [Statutory Authority: 1987 c 247. 88-01-020 (Order 87-05-ESR), § 204-50-060, filed 12/9/87.] Repealed by 99-01-156, filed
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12/23/98, effective 1/1/99. Statutory Authority: RCW 46.04.215 and 46.37.005.

**WAC 204-50-010 Authority.** This chapter is promulgated pursuant to RCW 46.37.005 and 46.04.215.

[Statutory Authority: RCW 46.04.215 and 46.37.005. 99-01-156, § 204-50-010, filed 12/23/98, effective 1/1/99. Statutory Authority: 1987 c 247. 88-01-020 (Order 87-05-ESR), § 204-50-010, filed 12/9/87.]

**WAC 204-50-020 Purpose.** The purpose of this chapter is to establish guidelines for certification, installation, repair, and removal of ignition interlock breath alcohol devices, as required by RCW 46.04.215.

[Statutory Authority: RCW 46.04.215 and 46.37.005. 99-01-156, § 204-50-020, filed 12/23/98, effective 1/1/99. Statutory Authority: 1987 c 247. 88-01-020 (Order 87-05-ESR), § 204-50-020, filed 12/9/87.]

**WAC 204-50-030 Definitions.** The following definitions shall apply throughout this chapter:

**Alcohol** - The generic class of organic compounds known as alcohols and, specifically the chemical compound ethyl alcohol. For the purpose of ignition interlock devices, there is no requirement expressed or implied that the device be specifically for ethyl alcohol.

**Authorized service provider (ASP)** - The person or company meeting all qualifications outlined throughout this chapter and approved and trained by the manufacturer to service, install, monitor, calibrate, and provide information on manufacturer's devices currently certified for use in Washington state.

**Bogus sample** - Any air sample that is altered, diluted, stored, or filtered human breath, or which is obtained from an air compressor, hot air dryer, balloon, manual air pump, or other mechanical device, and is provided by an individual attempting to start or continue to operate a vehicle equipped with a device.

**Ignition interlock device (IID)** - An electronic device that is installed in a vehicle which requires the taking of a BAC test prior to the starting of the vehicle and at periodic intervals after the engine has been started. If the unit detects a BAC test result below the alcohol setpoint, the unit will allow the vehicle's ignition switch to start the engine. If the unit detects a BAC test result above the alcohol setpoint, the vehicle will be prohibited from starting.

**Breath or blood alcohol concentration (BAC)** - Is the amount of alcohol in a person's blood or breath determined by chemical analysis, which shall be measured by grams of alcohol per:

- (a) 100 milliliters of blood; or
- (b) 210 liters of breath.

**Circumvention** - Means the attempted or successful bypass of the proper functioning of an ignition interlock device including, but not limited to, the operation of a vehicle without a properly functioning device, the push start of a vehicle with the device, disconnection or alteration of the device, the introduction of a bogus sample other than a deep-lung sample from the driver of the vehicle, introduction of an intentionally contaminated or altered breath sample, continued operation of the interlock vehicle after the device detects excess breath alcohol.

**Court (or originating court)** - The particular Washington state court, if any, that has required the use of an ignition interlock device by a particular individual or has responsibility for the preconviction or postconviction supervision of an individual required to use or using the device.

**Certification** - The testing and approval process required by RCW 46.04.215.

**Chief** - The chief of the Washington state patrol.

**Device** - An ignition interlock breath alcohol device (IID).

**DOL** - The department of licensing of the state of Washington.

**ESR** - The equipment and standards review unit of the Washington state patrol.

**Fail level** - The BAC of .025 or a level set by the originating court, if lower, at which the device will prevent the operator from starting the vehicle, and/or once the vehicle is started, the level at which the operator must record a test below, or must shut off the vehicle, to avoid registering a violation reset.

**Lessee** - A person who has entered into an agreement with a manufacturer or authorized service provider to lease a device.

**Manufacturer** - The person, company, or corporation who produces the device, and certifies to ESR that a service provider is qualified to service, install, monitor, calibrate, and provide information on devices.

**OAC** - Office of the administrator of the court.

**Restricted operator** - A person whose driving privileges are restricted to operating only motor vehicles equipped with an approved, functioning IID.

**Tampering** - Any act or attempt to disable or circumvent the legal operation of an IID.

**Violation reset** - The condition caused by the failure of the operator of a vehicle to perform a test or retest as required, or by the operator's inability to achieve such test or retest results at the lower of the maximum allowable alcohol concentration as set by the originating court or .025 BAC, the device and the vehicle in which it is installed must be returned to the manufacturer or authorized service provider to be reset.

[Statutory Authority: RCW 46.61.688(2). 05-17-065, § 204-50-030, filed 8/11/05, effective 9/11/05. Statutory Authority: RCW 46.04.215 and 46.37-005. 99-01-156, § 204-50-030, filed 12/23/98, effective 1/1/99. Statutory Authority: 1987 c 247. 88-01-020 (Order 87-05-ESR), § 204-50-030, filed 12/9/87.]

**WAC 204-50-040 Testing certification, revocation or surrender of certification and recertification. Testing and certification.** To be certified, a device must meet or exceed the minimum test standards in sections one and two of the model specifications for breath alcohol ignition interlock devices (BAIID) as published in the Federal Register, Volume 57, Number 67, Tuesday, April 7, 1992, on pages 11774 - 11787, or as rules are adopted. Only a notarized statement, from a laboratory capable of performing the tests specified, will be accepted as proof of meeting or exceeding the standards. The notarized statement shall include the name and signature of the person in charge of the tests under the following sentence:



Two samples of (model name), manufactured by (manufacturer) were tested by (laboratory). They do meet or exceed all specifications listed in the Federal Register, Volume 57, Number 67, pages 11774 - 11787.

Signed \_\_\_\_\_

Upon receipt of a statement from a testing laboratory that two samples of a device have successfully passed the test procedures listed in this chapter, and confirmation that all other requirements of this chapter have been met, the chief may issue a letter of certification for the device.

#### **Revocation or surrender of certification.**

The letter of certification shall be valid until voluntarily surrendered by the manufacturer or until revoked by the chief for cause. Reasons for revocation include but are not limited to:

(1) Evidence of repeated device failures due to gross defects in design, materials, and/or workmanship during manufacture, installation, monitoring, or calibration of the device such that the standards for accuracy and reliability of the devices for which the devices were tested are not being met (as determined by ESR);

(2) Evidence that the features and functionality of a manufacturer's devices are not being programmed properly by ASP(s) or are being circumvented by lessees such that the standards for anticircumvention for which the devices were tested are not being met;

(3) Any violation on the part of the manufacturer(s) or ASP(s) of any of the laws or regulations related to the installation, servicing, monitoring, and calibration of devices, including, but not limited to, "other provisions" listed in WAC 204-50-120;

(4) Notice of cancellation of manufacturer's and/or ASP's required liability insurance is received;

(5) Notification that the manufacturer is no longer in business.

(6) Notification that material modification or alteration in the components and/or the design of the certified device is not provided or the recertification process is not completed as outlined in WAC 204-50-050.

(7) Unless necessary for the immediate good and welfare of the public, revocation shall be effective thirty days from the date of the letter sent to the manufacturer via certified mail, return receipt requested. A copy of each notice of revocation shall be provided to the director of the DOL and to the OAC for the state of Washington. The manufacturer's device(s) will be removed from the list of certified devices on the WSP web site.

(8) Upon voluntary surrender, or revocation of a letter of certification for a manufacturer's device, all like devices shall be removed and replaced by a certified device, within sixty-five days of the effective date of such surrender or revocation. The ASP must notify all affected lessees of decertification and the requirements for a new device to be installed by an existing ASP.

(9) The ESR shall maintain a file of all current, revoked, and voluntarily surrendered letters of certification for the period of time as outlined in the WSP records retention schedule.

#### **Review for recertification.**

A manufacturer whose letter of certification has been revoked may request a review of revocation by submitting the request in writing to the chief within thirty days from the date on the revocation letter. The request must be made in writing and mailed to WSP ESR Unit, P.O. Box 42614, Olympia, WA 98504-2614.

[Statutory Authority: RCW 46.61.688(2), 05-17-065, § 204-50-040, filed 8/11/05, effective 9/11/05. Statutory Authority: RCW 46.04.215 and 46.37-005, 99-01-156, § 204-50-040, filed 12/23/98, effective 1/1/99. Statutory Authority: RCW 46.20.730, 88-15-050 (Order 88-04-ESR), § 204-50-040, filed 7/18/88. Statutory Authority: 1987 c 247, 88-01-020 (Order 87-05-ESR), § 204-50-040, filed 12/9/87.]

#### **WAC 204-50-050 Modifications to a certified device.**

The manufacturer shall notify ESR, in writing, of any material modification or alteration in the components and/or the design of the certified device. Within ninety days of notifying the ESR of the material modification or alteration to a certified device, the manufacturer must resubmit to ESR the evidence of compliance as required in WAC 204-50-040.

[Statutory Authority: RCW 46.61.688(2), 05-17-065, § 204-50-050, filed 8/11/05, effective 9/11/05. Statutory Authority: RCW 46.04.215 and 46.37-005, 99-01-156, § 204-50-050, filed 12/23/98, effective 1/1/99. Statutory Authority: RCW 46.20.730, 88-15-050 (Order 88-04-ESR), § 204-50-050, filed 7/18/88. Statutory Authority: 1987 c 247, 88-01-020 (Order 87-05-ESR), § 204-50-050, filed 12/9/87.]

**WAC 204-50-070 Variable calibration.** To be certified, a device must be capable of being preset, by the manufacturer or by an ASP, at any fail level from .02 through .09% BAC (plus or minus .005% BAC). The actual setting of each device, unless otherwise mandated by the originating court, shall be .025 BAC. The capability to change this setting shall be made secure, by the manufacturer, or by an ASP.

[Statutory Authority: RCW 46.61.688(2), 05-17-065, § 204-50-070, filed 8/11/05, effective 9/11/05. Statutory Authority: RCW 46.04.215 and 46.37-005, 99-01-156, § 204-50-070, filed 12/23/98, effective 1/1/99. Statutory Authority: 1987 c 247, 88-01-020 (Order 87-05-ESR), § 204-50-070, filed 12/9/87.]

#### **WAC 204-50-080 Device maintenance and reports.**

(1) Each lessee shall have the device examined by the manufacturer or by an ASP for correct calibration and evidence of tampering at intervals not to exceed sixty-five days, or more often as may be ordered by the originating court.

(2) The device must be calibrated for accuracy according to the manufacturer's procedures. All data contained in the device's memory must be downloaded and the manufacturer and/or the ASP shall make a hard copy or electronic equivalent of the client data and the results of each examination. Any evidence of noncompliance, violations, or signs of tampering or circumvention shall be reported as requested by and in a format acceptable to the originating court and/or DOL. All information obtained as a result of each inspection shall be retained by the manufacturer or approved service provider for two years from the date the device is removed from the vehicle.

(3) Any ASP proposing to offer a mail-in calibration and examination program to their lessees must obtain approval from ESR prior to implementing the mail-in program. To obtain approval the ASP must submit procedures outlining how the mail-in program will work. ASP must also provide

the customer with written instructions on how to utilize the mail-in program. A mail-in program does not eliminate or take the place of any requirements outlined in WAC 204-50-120.

(4) The manufacturer and/or ASP must provide upon request, additional reports in a format acceptable to and at no cost to DOL and/or the originating court.

[Statutory Authority: RCW 46.61.688(2), 05-17-065, § 204-50-080, filed 8/11/05, effective 9/11/05. Statutory Authority: RCW 46.04.215 and 46.37.-005, 99-01-156, § 204-50-080, filed 12/23/98, effective 1/1/99. Statutory Authority: 1987 c 247, 88-01-020 (Order 87-05-ESR), § 204-50-080, filed 12/9/87.]

**WAC 204-50-090 Device security.** The manufacturer and its approved service provider(s) shall take all reasonable steps necessary to prevent tampering or physical circumvention of the device. These steps shall include:

(1) Special locks, seals, and installation procedures that prevent or record evidence of tampering and/or circumvention attempts.

(2) In addition, the approved service provider will affix to the device a label containing the following notation: "Warning - This device has been installed under the laws of the state of Washington. Attempts to disconnect, tamper with, or circumvent this device may subject you to criminal prosecution. For more information, call (insert manufacturer's or approved service provider's toll free number)."

(3) No owner or employee of a manufacturer of ASP may authorize or assist with the disconnection of a device, or enable the use of any "emergency bypass" mechanism or any other "bypass" procedure that allows a person restricted to use the vehicle equipped with a functioning ignition interlock, to start or operate a vehicle without providing all required breath samples. Doing so may subject the person to criminal prosecution under RCW 46.20.750 and may cause the revocation of a manufacturer's certification under WAC 204-50-040.

[Statutory Authority: RCW 46.61.688(2), 05-17-065, § 204-50-090, filed 8/11/05, effective 9/11/05. Statutory Authority: RCW 46.04.215 and 46.37.-005, 99-01-156, § 204-50-090, filed 12/23/98, effective 1/1/99. Statutory Authority: 1987 c 247, 88-01-020 (Order 87-05-ESR), § 204-50-090, filed 12/9/87.]

**WAC 204-50-110 Mandatory operational features.** Notwithstanding other provisions of this chapter, a certified device must comply with the following:

(1) The device shall be designed to permit a "restart" within two minutes of a stall or when the ignition has been turned off.

(2) The device shall automatically and completely purge residual alcohol before allowing subsequent tests.

(3) The device shall be installed in such a manner that it will not interfere with the normal operation of the vehicle after it has been started.

(4) Each device shall be provided with an ample supply of disposable mouth pieces designed to minimize the introduction of saliva into the device.

(5) Each device shall be uniquely serial numbered. Along with any other information required by DOL or by an originating court, all reports to DOL or to an originating court concerning a particular device shall include the name, address, and driver's license number of the lessee, and the

unique number of the device. The name, address, telephone number (toll free), and contact person of the manufacturer or approved service provider furnishing such report shall also be included as part of the report.

(6) Each device shall record each time the vehicle is started, the results of the test, how long the vehicle was operated, and any indication of bypassing or tampering with the device.

(7) Each device shall require the operator of the vehicle to submit to a retest within ten minutes of starting the vehicle. Retesting shall continue at intervals not to exceed sixty minutes after the first retest. The device shall be equipped with a method of immediately notifying peace officers if the required retest(s) above is not performed, or if the result of the retest exceeds the lower of .025 BAC or the alcohol concentration as prescribed by the originating court. Examples of acceptable forms of notification are repeated honking of the vehicle's horn, repeated flashing of the vehicle's headlamps, or the wailing of a small siren. Such notification may be disabled only by switching the engine off, or by the achievement of a retest at a level the lower of .025 BAC or the maximum allowable alcohol concentration as set by the originating court.

(8) In addition, if a retest is not performed when called for by the device, or if the operator is unable to achieve a retest at a level the lower of .025 BAC or the maximum allowable alcohol concentration as set by the originating court, the device shall automatically enter a violation reset condition. A device which enters a violation reset condition and the vehicle in which it is installed, must be returned to the manufacturer or ASP to be serviced within five days or the device shall render the vehicle inoperable. The manufacturer or approved service provider shall notify the originating court (if any) of such violation reset conditions in a format acceptable to the originating court within five days of servicing the device. The manufacturer or ASP shall provide notification to DOL in a format acceptable should DOL promulgate rules requiring such notification.

[Statutory Authority: RCW 46.61.688(2), 05-17-065, § 204-50-110, filed 8/11/05, effective 9/11/05. Statutory Authority: RCW 46.04.215 and 46.37.-005, 99-01-156, § 204-50-110, filed 12/23/98, effective 1/1/99. Statutory Authority: 1987 c 247, 88-01-020 (Order 87-05-ESR), § 204-50-110, filed 12/9/87.]

**WAC 204-50-120 Other provisions.** Notwithstanding other provisions of this chapter, each manufacturer of a certified device, either on its own or through its approved service provider(s):

(1) Shall guarantee repair or replacement of a defective device within the state of Washington within a maximum of forty-eight hours of receipt of a complaint.

(2) Shall demonstrate to the satisfaction of ESR, a service delivery plan under which any restricted operator may obtain installation and routine service of that manufacturer's device within a seventy-five mile radius of his or her place of residence. Further, shall provide ESR, a map of the state of Washington showing the area covered by each approved service provider, and the name, address, and telephone number of each approved service provider. The manufacturer shall provide ESR a revised map showing any changes to its authorized service provider network within ten days of such

change. Also within thirty days of any additions to the approved service provider network, provide evidence to ESR that any added ASPs have the insurance coverage as required by subsection (7) of this section.

(3) Shall maintain a twenty-four hour, three hundred sixty-five days a year toll-free telephone number for lessees to call if they have problems with the device they have leased from the manufacturer or approved service provider. Calls must either be answered by a technician qualified to service the manufacturer's devices, or the call must be returned by a qualified technician within thirty minutes of the original call.

(4) Shall provide the lessee a statement of charges clearly specifying warranty details, monthly lease amount, any additional charges anticipated for routine calibration and service checks and what items, if any, are provided without charge. To ensure equal accessibility of the benefits of this technology to all citizens of the state of Washington, such pricing shall be uniform statewide.

(5) Shall provide the lessee written notice of any changes in the statement of charges regardless of what person or agency requested the change, prior to the implementation of such changes.

(6) Shall provide to ESR proof that the manufacturer has products liability insurance coverage with minimum liability limits of one million dollars per occurrence, and three million dollar aggregate. Liability covered shall include, but not limited to: Defects in product design, materials, and workmanship during manufacture, calibration, installation, removal, and all completed operations. Such insurance must be provided by a company authorized to offer such coverage in the state, and such company shall include the state of Washington as an additional insured, and shall agree to notify ESR not less than thirty days before the expiration or termination of such coverage. Insurance coverage required in this subsection must be in addition to, and not considered a replacement for coverage required in subsection (7) of this section.

(7) Shall provide ESR proof that each and every ASP has garage keepers liability insurance coverage with minimum liability limits of fifty thousand dollars. Liability covered shall include, but not be limited to, damage to lessee's vehicle and personal property while in the care and/or custody of the ASP. Further shall provide ESR proof that each and every ASP has completed operations insurance coverage with minimum liability limits of one million dollars per occurrence, and two million dollars aggregate. Liability covered shall include, but not be limited to, defects in materials and workmanship during installation, removal, service, calibration, and monitoring. All such insurance must be provided by a company authorized to offer such coverage in the state, and such company shall include the state of Washington as an additional insured, and shall agree to notify ESR not less than thirty days before expiration or termination of such coverage. Insurance coverage required in this subsection must be in addition to and not considered a replacement for coverage required in subsection (6) of this section.

(8) Shall, if so requested by the originating court, notify the originating court, if any, of the removal of a device under any circumstances other than:

(a) Immediate device repair needs.

(b) Removal of the device in order to switch it to a replacement vehicle to be operated by the restricted operator.

Report of such a vehicle switch must be transmitted to the originating court within two business days of such a switch, if so requested by the originating court at the time of initial installation of the device. Report of such a vehicle switch must be transmitted to the DOL within two business days of such a switch, if so requested by the DOL. **NOTE:** Whenever a device is removed for repair, and cannot be immediately reinstalled, a substitute device shall be utilized. Under no circumstances shall a manufacturer or ASP knowingly permit a restricted operator to drive a vehicle not equipped with a functioning device.

[Statutory Authority: RCW 46.61.688(2), 05-17-065, § 204-50-120, filed 8/11/05, effective 9/11/05. Statutory Authority: RCW 46.04.215 and 46.37-005, 99-01-156, § 204-50-120, filed 12/23/98, effective 1/1/99. Statutory Authority: 1987 c 247, 88-01-020 (Order 87-05-ESR), § 204-50-120, filed 12/9/87.]

**WAC 204-50-130 Removal procedures.** The manufacturer or its approved service provider shall remove the device and return the vehicle in normal operating condition. The manufacturer or its ASP shall provide any final report requested by the originating court and/or requested by DOL.

[Statutory Authority: RCW 46.61.688(2), 05-17-065, § 204-50-130, filed 8/11/05, effective 9/11/05. Statutory Authority: RCW 46.04.215 and 46.37-005, 99-01-156, § 204-50-130, filed 12/23/98, effective 1/1/99. Statutory Authority: 1987 c 247, 88-01-020 (Order 87-05-ESR), § 204-50-130, filed 12/9/87.]

**Chapter 204-53 WAC**

**HELMET EXEMPTION—ANTIQUÉ MOTOR-DRIVEN CYCLE**

**WAC**

204-53-010 Helmet exemption—Antique motor-driven cycle.

**WAC 204-53-010 Helmet exemption—Antique motor-driven cycle.** As provided by RCW 46.37.530 (1)(c), a person operating or riding upon an antique motor-driven cycle is not required to use a protective helmet. As the term is used in RCW 46.37.530 (1)(c) and this section, an antique motor-driven cycle is a motor-driven cycle not less than forty years old which has been restored to its original condition and which is being ridden to or from or otherwise in conjunction with an antique or classic motorcycle contest, show, or other such assemblage. Further, an antique motor-driven cycle shall not be powered by a motor which produces more than five brake horsepower as defined in RCW 46.04.332.

[Statutory Authority: RCW 46.37.530(2), 91-05-019 (Order 90-004), § 204-53-010, filed 2/11/91, effective 3/14/91.]

**Chapter 204-70 WAC**

**STANDARDS FOR VEHICLE CONNECTING DEVICES AND TOWING METHODS**

**WAC**

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204-70-090	Identification, installation, maintenance, and compliance.
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**WAC 204-70-010 Promulgation.** By authority of RCW 46.37.005 and 46.37.320, the state commission on equipment hereby adopt the following regulations pertaining to vehicle connecting devices and towing methods.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 80-03-069 (Order 80-02-2-70), § 204-70-010, filed 2/28/80.]

**WAC 204-70-020 Purpose.** The purpose of this regulation is to provide this state with a uniform minimum requirement for motor vehicle connecting devices and towing methods. It is designed to increase highway safety by reducing towing and hitch-related accidents. This regulation is not intended to cover the fifth wheel type of connecting device or towing method. Pintle hook type devices shall also be excluded from this chapter, except that the safety chain requirements shall apply.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 80-03-069 (Order 80-02-2-70), § 204-70-020, filed 2/28/80.]

**WAC 204-70-030 Scope.** (1) The scope of this regulation is directed to the regulation of trailer hitches and towing devices, towing methods, testing methods, certification requirements, installation, compliance and other requirements as herein defined in these regulations.

(2) After the effective date of this regulation, no primary connecting system used for drawing a trailer or semitrailer having a gross vehicle weight of 10,000 pounds or less upon the public highways of this state shall be sold, offered for sale, or installed for service unless it is a type approved by the commission. The safety chain requirements of this chapter shall apply to all primary coupling systems designed for towing trailers and semitrailers having a gross vehicle weight of 10,000 pounds or less regardless of the date of installation of such primary coupling system. Accordingly, the commission establishes this regulation relating to vehicle connecting arrangements used for drawing trailers by mechanical power on the public highways. This regulation is not for those arrangements used for drawing another vehicle by means of a tow truck, semitrailer with a fifth wheel type hitch, or wrecker unless coupled by ball and coupler.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 80-03-069 (Order 80-02-2-70), § 204-70-030, filed 2/28/80.]

**WAC 204-70-040 Definitions.** (1) The term "commission" as hereinafter referred to within this regulation shall mean the state commission on equipment.

(2) "Chain attaching means" means the bolt, hook, pin, hole, eye, clevis, bracket, bar, or any other device mounted on and used for anchoring or attaching safety chains to the towed or towing vehicle or hitch.

(3) "Coupling" means that part of the primary connecting system normally mounted on the trailer, such as a socket, by

which the connection is actually made and including the supporting attachment to the trailer frame.

(4) "Family of hitches" means a series of hitches produced by a single manufacturer which have similar traits and characteristics in common with each other. Each regulated manufacturer shall determine which hitches may be appropriately included in a particular family, subject to review by the commission. The necessary criteria which all hitches included within a family must exhibit are as follows:

(a) Similarity of design,  
 (b) Similar materials of construction,  
 (c) Similar means of attachment to the towing vehicle,  
 and

(d) Similar strength and performance of characteristics.

(5) "Gross vehicle weight rating (GVWR)" means the value specified by the vehicle manufacturer as the loaded weight of a single vehicle.

(6) "Hitch," defined for specific uses under (a) and (b) below, generally means that part of the primary connecting system normally mounted on the towing vehicle, including a ball-support platform and those components which are attached to the towing vehicle.

(a) "Weight distributing hitch" means a mechanical device that connects the trailer to the towing vehicle, and by means of a leverage applied on both trailer and car structures or axles, when properly adjusted, distributes the imposed vertical load at the hitch and coupling connection between the structures of axles of towing vehicle and trailer. The towing vehicle thus loaded tends to retain a level position with respect to the road.

(b) "Weight carrying hitch" means a mechanical and/or structural device that connects the trailer to the towing vehicle, and that does not employ features designed to redistribute the load imposed at the hitch and coupling connection. Weight carrying hitches may be designed for bolting or other attachment to the towing vehicle frame, unitized body, bumper structure, or to a combination of these or other points which meet the requirements of WAC 204-70-060(3) and Table 2.

(7) "Maximum gross trailer weight (MGTW)" means the weight of the trailer plus the weight of all cargo, consumables, and equipment loaded on the trailer when in an actual underway towing condition.

(8) "Maximum vertical load on hitch (tongue weight)" means the vertical downward static force exerted on the hitch by the coupling at the point of connection of coupling and hitch, with weight distribution features or devices, if any, deactivated. Tongue weight is measured at the trailer coupling, with the trailer on a level surface (detached from the hitch), and with trailer consumables and cargo in maximum loaded conditions.

(9) "Primary connecting system" means the combination of devices and their attaching structures that are normally utilized to maintain the connection between towing vehicle and trailer during towing operations. This includes, but is not limited to, the ball-and-socket type of connection or draft means. Note: This does not include a safety chain, which is part of a secondary system normally utilized only upon failure of the primary connection, nor does it include weight distributing or sway control features or devices whose function is accessory to the maintenance of the towing vehicle-trailer connection.

(10) "Safety chains" means flexible tension members connected from the front portion of the towed vehicle to the rear portion of the towing vehicle for the purpose of retaining connection between towed and towing vehicle in the event of failure of the connection provided by the primary connecting system. The term "safety chains" includes not only chains, cable, or wire ropes, or equivalent flexible member meeting the strength requirements of Table 3 and approved by the commission, but also any splice, clamp, socket, snap, eye, ring, thimble, pin, or other fastening device or forming method which is part of the assembly of any such flexible tension member.

(11) "Responsible manufacturer" shall mean that person who manufactures a hitch or hitch component either for resale or for sale where it is not actually installed by the manufacturer.

(12) "Responsible installer" shall mean a person who installs a pre-manufactured hitch where no custom fabricating is done.

(13) "Custom installer" shall mean that person who custom fabricates a hitch which is installed at the place of fabrication.

Nothing in this section is intended to preclude hitch installers from engaging in the activities covered in definitions (11), (12), and (13) above in any combination.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 80-03-069 (Order 80-02-2-70), § 204-70-040, filed 2/28/80.]

#### **WAC 204-70-050 Light service devices and systems.**

These are for use with trailers not exceeding 10,000 pounds gross vehicle weight rating. This includes, but is not limited to, such types as the utility, boat, camping, travel and other trailers which are normally towed by the conventional passenger car, or similarly constructed vehicle or light-duty truck. This section is intended basically for the ball-and-socket type of primary connecting system, but is not necessarily limited to this type alone.

##### (1) Trailer classification

(a) Class 1—Trailers, with a gross weight (trailer weight including load) not exceeding 2,000 pounds.

(b) Class 2—Trailers, with a gross weight (trailer weight including load) over 2,000 pounds, but not exceeding 3,500 pounds.

(c) Class 3—Trailers, with a gross weight (trailer weight including load) over 3,500 pounds, but not exceeding 5,000 pounds.

(d) Class 4—Trailers, with a gross weight (trailer weight including load) over 5,000 pounds, but not exceeding 10,000 pounds.

##### (2) Couplings

(a) Coupling classification. There shall be four major strength classifications, or designations of couplings. The designation shall be based on the maximum gross trailer weight (MGTW) the coupling is qualified to tow. The No. 1 couplings shall be used for towing Class 1 trailers; No. 2 couplings for Class 2 or smaller trailers; No. 3 couplings for Class 3 or smaller trailers; and No. 4 couplings for Class 4 or smaller trailers. This is not intended to limit the number or variety of couplings in a given class or designation.

(b) Coupling ultimate strength. Each coupling and hitch ball, when subjected to static bench tests in a rigid, nonyield-

ing test fixture, shall withstand the test loads specified in WAC 204-70-99001 Table 1 without incurring failure. For purposes of this regulation, failure occurs at the point at which the coupling or ball will accept no additional test load.

(c) Coupling and hitch ball test procedure. A new coupling or ball shall be used for each mode of load application. Each type of test load is to be applied individually to one component at a time, utilizing a nonyielding test fixture similar in design to the typical test fixture illustrated in Figure 1. When testing a coupling, a hardened ball shall be used; when testing a ball, a hardened coupling shall be used.

(d) Attachment of couplings. Each coupling is to be mounted to the trailer attaching member by bolting, welding or riveting in such manner that the towing loads are safely and adequately transferred to that member.

##### (e) Provisions for safety.

(i) Each coupling, regardless of classification or designation, must be equipped with a manually operated mechanism so adapted as to prevent disengagement of the unit while in operation. In addition to this positive locking mechanism, the coupling shall be so designed that the trailer can be disconnected from the towing vehicle regardless of the angle of the trailer to the towing vehicle.

(ii) Each hitch ball shall be equipped and installed with a lock washer or equivalent device, and each replacement hitch ball shall be marketed with a lock washer or equivalent device with instructions as to proper installation provided by the responsible manufacturer.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 80-03-069 (Order 80-02-2-70), § 204-70-050, filed 2/28/80.]

#### **WAC 204-70-060 Hitches.**

(1) Hitch rating. Hitches shall be rated by the maximum gross trailer weight (MGTW) and the maximum vertical load on hitch (tongue weight) each is qualified to tow.

(2) Hitch strength requirements. Each hitch, when subjected to a static bench test, shall conform to the minimum strength requirements contained in Table 2.

(3) Attachment of hitch. Each hitch shall be attached to the structural member or members of the towing vehicle in such a manner that the tension, compression, and transverse thrust loads shown in Table 2 are transferred to the towing vehicle without residual distortion or failure of either the attachment or the vehicle structure which would affect the safe towing of trailers as defined in Table 2.

(4) Maximum vertical load on hitch (tongue weight). The weight load carried by the hitch at its connection with the trailer coupling shall not, when on a level surface, exceed the maximum tongue weight load recommended by the manufacturer for the hitch.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 80-03-069 (Order 80-02-2-70), § 204-70-060, filed 2/28/80.]

**WAC 204-70-070 Safety chains and attaching means required.** (1) Strength requirements. Each safety chain and each attaching means shall meet strength requirements as shown in WAC 204-70-99004, Table 3, and defined in WAC 204-70-040.

(2) Installation and connections. The means of attachment of safety chains shall be located equally distant from and on opposite sides of the longitudinal centerline of the

towing vehicle and of the trailer. Each means of attachment shall not be common with or utilize fasteners common with a ball or coupling. No welding operation shall be performed on a safety chain subsequent to its manufacture, including the direct welding of a safety chain link to the towed or towing vehicles. Safety chains shall be so connected that the slack for each length of chain between trailer and towing vehicle is the same and is not more than necessary to permit the proper turning of the vehicles. When passing forward to the towing vehicle, safety chains must be crossed in such a manner as to prevent the tongue from dropping to the ground and to maintain connection in the event of failure of the primary connecting system. See Figure 3. WAC 204-70-99005.

(a) Every towed vehicle shall be coupled to the towing vehicle by means of two safety chains, cables, or wire ropes in addition to the regular drawbar, tongue, or other connection. Safety chains, cables, or equivalent devices may be attached to permanently installed hitch components if the components meet the strength requirements of WAC 204-70-99004, Table 3.

(b) Safety chain connections shall not be made to the hitch ball or to a ball mount designed to be readily removable when not in use.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 80-03-069 (Order 80-02-2-70), § 204-70-070, filed 2/28/80.]

**WAC 204-70-080 Identification.** (1) Device and component marking. Each coupling and each hitch shall be legibly and permanently marked (so as to be visible to consumers and any regulatory authority viewing the coupling and hitch as installed on a vehicle) on at least one hitch component or related component marketed with the hitch, as shown below. When hitch components (except hitch balls and their hardware) are marketed separately, the following markings must also appear on at least one of the components in the package or marketing unit.

(a) Manufacturer's or distributor's name, initials, trademark, trade name, or code symbol. (Code symbol shall mean one assigned and approved by appropriate regulatory authority.)

(b) Model number, part number, or style; and, for couplings only, the class.

(c) Maximum gross trailer weight (MGTW) to be drawn.

(d) Maximum vertical load on hitch (tongue weight) to be imposed on the ball or other points of connection.

(e) The symbol V-5. Note: Placement of the symbol V-5 on any coupling or any hitch indicates certification of compliance of the product on which the symbol is placed with all requirements contained in VESC Regulation V-5.

(2) Hitch ball marking. Each hitch ball sold for use in primary connecting system shall be permanently and legibly marked to show both the spherical diameter of the ball; e.g., 1-7/8", 2", etc., and the maximum gross trailer weight (MGTW) which it is designed to draw.

(3) Labelling. Each crate, box, or other container in which a coupling or hitch is packed shall be imprinted or labelled to display at least the same information required in WAC 204-70-080(1) for marking, except that the maximum gross trailer weight (MGTW) to be drawn must be shown for each coupling regardless of class. Further, the year, make, and model of each vehicle on which a hitch may be installed

and meet the requirements of this regulation shall be shown but may be shown on an enclosed sheet, or sheets, separate from the imprintation, or labelling, or on hitch manufacturer's application tables which are kept available at the location where the device or system is sold, either for resale or for use. However, the provision contained in the preceding sentence shall not apply to hitches adaptable to a large number of vehicles and designated to be a universal type.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 80-03-069 (Order 80-02-2-70), § 204-70-080, filed 2/28/80.]

**WAC 204-70-090 Identification, installation, maintenance, and compliance.** (1) Marking and labelling. Each vehicle connecting device, method, or system shall be marked and labelled as required by WAC 204-70-080 and 204-70-100(2). The marking and labelling shall show the responsible manufacturer (see (3) of this section). A pressure sensitive label will be acceptable if of a weather-resistant type which cannot be removed without destroying or defacing it.

(2) Installation and maintenance.

(a) Manufacturer, packager, seller. The responsible manufacturer or seller of a vehicle primary connecting device or system shall provide with the device, or with devices making up or used in the system, clear and complete consumer instructions for use, maintenance and repair; and, where the device or system is not actually installed by the dealer, installation instructions, in accordance with the requirements of this regulation, and proper instruction of the purchaser, or owner, in use and care.

(b) Owner, lessor, lessee, borrower. Each owner or lessor shall keep his connecting devices, and systems in good condition, maintained, repaired, and rebuilt in accordance with manufacturer's instructions and recommendations. Each owner or lessor who leases or lends a connecting device or system, shall properly instruct the lessee, or recipient, in the safe and proper use and care for the device(s), or system. Each lessee or borrower shall use and maintain the device, method or system in accordance with the instructions of the lessor or lender. For the purposes of this regulation any person who rents a trailer shall be considered to be a lessor.

(c) No person shall put into use or continue in use a device or system on which the marking required in WAC 204-70-090(1) has been removed, altered, obliterated, disfigured, or otherwise damaged so as to prevent identification of the device(s), method(s) or system(s).

(3) Compliance with requirements. Each manufacturer shall be responsible for the performance ability of the device(s) or system which he manufactures for use by a prospective owner, lessee, or borrower. Where a manufacturer, packager, or seller assembles or packages (unites, collects, aggregates) for use by a prospective owner, lessee, or borrower a device or system from parts, subassemblies or assemblies made or assembled by others, such manufacturer, packager, or seller (person, firm, association or corporation) shall be deemed responsible for the performance of the device(s) or system which he assembles or packages. For the purpose of this section, each manufacturer, packager, or seller described in the preceding two sentences shall be known as the "responsible manufacturer."

[Statutory Authority: RCW 46.37.005 and 46.37.320. 80-03-069 (Order 80-02-2-70), § 204-70-090, filed 2/28/80.]

**WAC 204-70-100 Certification and/or testing.** (1)

Each responsible manufacturer shall certify to the commission or to an equipment approval program or other agency designated by the commission that each of his devices or systems, when installed in accordance with his published instructions (including instructions of manufacturers of weight distributing hitches for use by local installers who fabricate the undercar attachments means for such hitches), complies with and meets the requirements of this regulation. Such certification, shall be corroborated by submission of a properly executed product and certification test report form containing test results and required certifications, accompanied by photographs of the test site and equipment and a concise description of the test methodology followed. This report shall be submitted on forms approved by the commission. To demonstrate compliance with this regulation, the necessary tests shall be conducted by or supervised by an approved certified laboratory or an approved certified testing organization, and the officer or employee of the approved certified testing organization who personally conducted or supervised the testing shall execute the appropriate certification statement contained in the product and certification test report.

(2) Registration. No vehicle connecting device or system shall be sold within the state of Washington unless the responsible manufacturer has registered his product with the commission, has furnished the commission one copy of instructions for installation (as applicable), use, maintenance and repair, and has stated the maximum towing capacity of his product in terms of the maximum gross trailer weight (MGTW) to be drawn, as measured in accordance with the provisions of WAC 204-70-050 and 204-70-060. There shall be imprinted on each copy of instructions provided with the device or otherwise furnished to the owner the following statement: "This product complies with Regulation V-5." The responsible manufacturer of light service Class 1 connecting devices or systems for trailers not exceeding 2,000 pounds gross weight who produces not more than five such

devices or systems in one calendar year must produce a product which complies with all applicable requirements of this regulation, except the registration requirements of this subsection.

(3) In lieu of the registration required in WAC 204-70-100(2), vehicle connecting devices or systems shall be considered to be registered if they appear as an approved device in the American Association of Motor Vehicle Administrators' "Approved Vehicle Devices Handbook": Provided, however, That such testing conducted for the approval found the device to be in full conformance with VESC Regulation V-5.

(4) Custom installer conditional exemption from certification, testing and registration. Hitch installers are required to insure that hitches (as defined in WAC 204-70-040(6)) manufactured and installed by them meet the requirements of this regulation, except that such hitches are conditionally exempt from the certification, testing and registration provisions of WAC 204-70-100 (1), (2), and (3). To qualify for this exemption, hitches must be manufactured and installed by the same installer. Hitches so exempted may not be marked with the symbol V-5, but must meet all other identification provisions of WAC 204-70-080, and, in addition, must be permanently marked or labelled with the legend, "installer manufactured," in a manner approved by the commission. The commission reserves the right, in its discretion, in the event of a failure or a suspected failure of a hitch, to require testing of a comparable hitch of the same family fabricated by the manufacturer of the suspected hitch to demonstrate compliance with the strength regulations of this chapter.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 80-03-069 (Order 80-02-2-70), § 204-70-100, filed 2/28/80.]

**WAC 204-70-120 Effective date.** This chapter shall become effective on April 1, 1980 for components manufactured on or after that date. The effective date for all components sold in the state of Washington, regardless of the date of manufacture, shall be April 1, 1981.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 80-03-069 (Order 80-02-2-70), § 204-70-120, filed 2/28/80.]

**WAC 204-70-99001 Table 1.**

LIGHT SERVICE DEVICES  
BREAKING STRENGTH FOR COUPLINGS AND BALLS

Trailer Classification	Trailer Couplings Designation	Minimum Ball		Minimum Breaking Point Requirements	Pounds
		Diameter-Inches (where hitch is used)	Ball-type		
Class 1 (2,000 lbs. or less MGTW)	No. 1	1 7/8		Longitudinal tension:	6,000
				Longitudinal compression:	6,000
				Transverse thrust:	2,000
				Vertical tension:	2,500
				Vertical compression:	2,500
Class 2 (2,001 thru 3,500 lbs. MGTW)	No. 2	2		Longitudinal tension:	10,500
				Longitudinal compression:	10,500
				Transverse thrust:	3,000
				Vertical tension:	4,500
				Vertical compression:	4,500

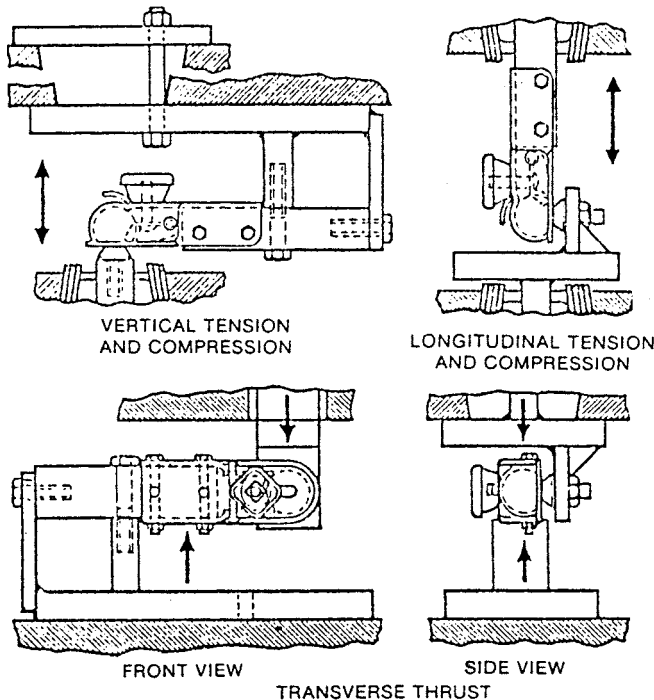
LIGHT SERVICE DEVICES  
BREAKING STRENGTH FOR COUPLINGS AND BALLS

Trailer Classification	Trailer Couplings Designation	Minimum Ball Diameter-Inches (where Ball-type hitch is used)	Minimum Breaking Point Requirements	Pounds
Class 3 (3,501 thru 5,000 lbs. MGTW)	No. 3	2	Longitudinal tension: Longitudinal compression: Transverse thrust: Vertical tension: Vertical compression:	15,000 15,000 4,000 7,000 7,000
Class 4 5,001 thru 10,000 lbs. MGTW)	No. 4	Ball & bolt shall be of such size and strength as to conform to the minimum breaking strength requirements of the mating coupling required for the specific load of Class 4 trailer	Longitudinal tension: Longitudinal compression: Transverse thrust: Vertical tension: Vertical compression:	MGTW x 3 MGTW x 3 MGTW x 1 MGTW x 1.3 MGTW x 1.4

[Statutory Authority: RCW 46.37.005 and 46.37.320. 80-03-069 (Order 80-02-2-70), § 204-70-99001, filed 2/28/80.]

**WAC 204-70-99002 Figure 1—Typical coupler and ball test fixture arrangement.**

[Statutory Authority: RCW 46.37.005 and 46.37.320. 80-03-069 (Order 80-02-2-70), § 204-70-99002, filed 2/28/80.]



NOTE: TEST FIXTURE BARS TO BE SOLID AND FIT SNUGLY INSIDE OF HOUSING CHANNELS

**WAC 204-70-99003 Table 2—Hitch test forces. (1) Table 2.**

HITCH TEST FORCES\*

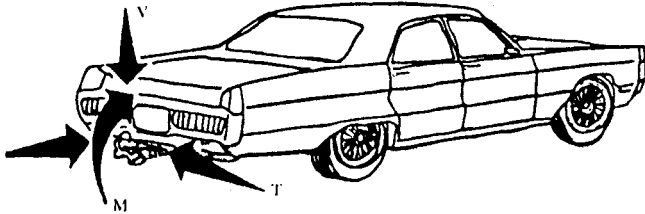
STEP	WEIGHT CARRYING HITCH		WEIGHT DISTRIBUTING HITCH	
	Force	Direction	Force	Direction
a	$V = .47R + 480$ $l = .47R + 480$	Downward Compressive	$V + .045R + 1650$ $M = 51,000$	Downward See Figure 2
b	$L = .23R + 1530$ $V = .15R$	Tensile Downward	$L = .067R + 2070$ $V = .15R$	Tensile Downward
c	$L = .23R + 1530$ $V = .15R$	Compressive Downward	$L = .067R + 2070$ $V = .15R$	Compressive Downward
d	$T = .20R + 500$	Leftward	$T = .20R + 500$	Leftward



e	$T = .20R + 500$	Rightward	$T = .20R + 500$	Rightward
f	Not Applicable	Not Applicable	$M = 93.2X + 21000$ $V = .15R$	See Figure 2 Downward

- V = Vertical Force (lbs.)
- L = Longitudinal force (lbs.)
- T = Transverse Force (lbs.)
- M = Spring Bar Moment (inch-lbs.)
- R = Hitch Rating in terms of MGTW (lbs.) (Maximum Gross Trailer Weight)
- X = Hitch Rating for Maximum Vertical Load on Hitch (lbs.) (Tongue Weight)
- \*\* = Leveling Force Couple

(2) Figure 2



(3) Footnotes to Table 2 and Figure 2.

- (a) When a hitch is to be tested:
  - (i) Assemble the hitch in its normal configuration as recommended by the hitch manufacturer.

(ii) Attach the hitch to a nonyielding restraining fixture. The hitch-to-fixture attaching means must be the same as the normal hitch-to-car attaching means recommended by the hitch manufacturer.

(iii) The points of hitch-to-fixture attachment must be located in the same positions as the hitch-to-car attachment point locations recommended by the hitch manufacturer.

(iv) Attach a ball to the ball support platform in the manner recommended by the hitch manufacturer.

(b) Hitch test force applications. With the hitch attached to the test fixture as specified in footnote (a), apply the forces designated in Table 2, in any sequence, as follows:

- (i) Apply the specified downward vertical force concurrently with the specified compressive longitudinal force or spring bar moment.
- (ii) Apply the specified tensile longitudinal force concurrently with the specified downward vertical force.
- (iii) Apply the specified compressive longitudinal force concurrently with the specified downward vertical.
- (iv) Apply the specified leftward transverse force.
- (v) Apply the specified rightward transverse force.
- (vi) For hitches with weight distributing capability, apply the specified spring bar, or leveling moment, (leveling force couple) concurrently with the specified downward vertical force.

All forces in steps (i) through (iii) are to be applied along an axis which intersects the center of the ball. All forces are to be applied with an onset rate of not more than 150 pounds per second, and maintained at the maximum specified force level for at least five seconds.

(c) Each hitch, when tested as specified above, shall be capable of withstanding the forces applied in accordance with footnote (b) without causing permanent deformation of the ball platform, such that the final position of the ball axis shall not depart more than five degrees from its original, nominally vertical position.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 80-03-069 (Order 80-02-2-70), § 204-70-99003, filed 2/28/80.]

**WAC 204-70-99004 Table 3. (1) Table 3.**

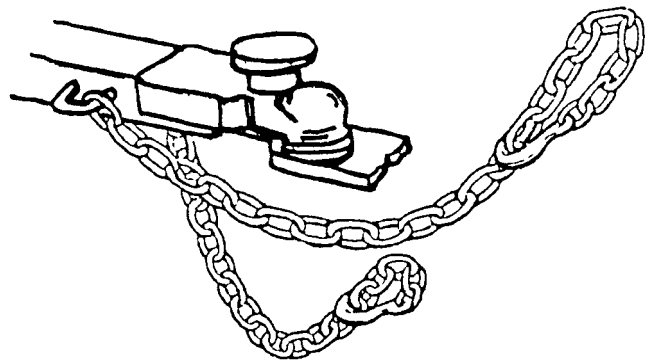
**LIGHT SERVICE DEVICES—MINIMUM STRENGTHS OF SAFETY CHAINS AND ATTACHING MEANS\***

Trailer Classification	Minimum Longitudinal Load, Tension, Pounds (See WAC 204-70-99005, Figure 3)	
	Each Safety Chain	Each of Two Chain Attaching Means
Class 1	2,000	2,000
Class 2	3,500	3,500
Class 3	5,000	5,000
Class 4**	MGTW	MGTW

- \* Load shown shall be applied in the same manner as would prevail if the trailer were being towed by the safety chain in a straight ahead direction. Safety chain and attaching points and hardware shall withstand load shown without breaking.
- \*\* MGTW means the maximum gross trailer weight, pounds, which is to be towed.

[Statutory Authority: RCW 46.37.005 and 46.37.320. 80-03-069 (Order 80-02-2-70), § 204-70-99004, filed 2/28/80.]

**WAC 204-70-99005 Figure 3—Typical double safety chain installation.**



[Statutory Authority: RCW 46.37.005 and 46.37.320. 80-03-069 (Order 80-02-2-70), § 204-70-99005, filed 2/28/80.]

**Chapter 204-76 WAC  
STANDARDS FOR BRAKE SYSTEMS**

<b>WAC</b>	
204-76-010	Promulgation.
204-76-020	Scope.
204-76-030	Definitions.
204-76-040	Straight air brakes.
204-76-050	Air over hydraulic brakes.
204-76-060	Vacuum assisted hydraulic brakes.
204-76-070	Hydraulic brakes.
204-76-99001	Bolt type brake chamber data.

204-76-99002	Clamp type brake chamber data.
204-76-99003	Push rod force vs. travel.
204-76-99004	Relationship of push rod and slack adjuster angle to brake force.
204-76-99005	Air operated wedge brake adjustment.

**WAC 204-76-010 Promulgation.** By authority of RCW 46.37.005, the state commission on equipment hereby adopts the following rules relating to brake systems.

[Statutory Authority: RCW 46.37.005. 80-10-006 (Order 80-07-01), § 204-76-010, filed 7/25/80.]

**WAC 204-76-020 Scope.** These rules shall apply only to brake systems on vehicles with a gross vehicle weight rating of 10,000 pounds or more.

[Statutory Authority: RCW 46.37.005. 80-10-006 (Order 80-07-01), § 204-76-020, filed 7/25/80.]

**WAC 204-76-030 Definitions.** (1) "Air brake hose" means any flexible hose used as an integral part of a service or auxiliary (emergency stopping) air brake system, where flexibility in a connection is mandatory due to vehicle design and includes the service and emergency air hoses between vehicles in a combination of vehicles.

(2) "Air brake reservoir" means a storage container for compressed air.

(3) "Air compressor" means a device which compresses air used for actuation of the brakes and/or other components of the vehicle.

(4) "Air gauge" means a gauge usually mounted on the instrument panel which indicates the air pressure in the air reservoir tanks, brake application pressure, or other air system pressures.

(5) "Air governor" means a regulator which controls the supply of air pressure for the brake system, generally by controlling the air compressor cut-in and cut-out pressure within a preset range.

(6) "Air over hydraulic brake system" means a hydraulic type brake system actuated by an air-powered master cylinder.

(7) "Air pressure protection valve" means a unit through which air flow is prevented except when a preselected input pressure is exceeded.

(8) "Brake" means an energy conversion mechanism used to retard, stop, or hold a vehicle.

(9) "Brake assembly" means an assembly of brake parts, the components of which are determined according to the type or design of the brake system.

(10) "Brake cam" means a cam mounted on the camshaft and located between the ends of the brakeshoes. When rotated by the brake camshaft, the cam expands the brakeshoes against the brakedrum.

(11) "Brake camshaft" means the camshaft which is held to the vehicle axle housing or backing plate by bosses containing bronze or nylon bushings. Air pressure is converted into mechanical force by the brake chamber which is attached by a push rod to the slack adjuster. The slack adjuster multiplies the force by the lever principle and applies the force to the brakeshoes.

(12) "Brake chamber or actuator" means a unit in which a diaphragm converts pressure to mechanical force for actuation of the brakes.

(13) "Brake cylinder" means a unit in which a piston converts pressure to mechanical force for actuation of the brakes.

(14) "Brake master cylinder" means the primary unit for displacing hydraulic fluid under pressure in the brake system.

(15) "Brake pedal" means a foot-operated lever which, when actuated, causes the brake(s) to be applied.

(16) "Brakeshoe" means a rigid half-moon shaped device with friction material affixed to the outer surface. The brakeshoes are generally mounted on a backing plate and are located inside the brakedrum. When expanded by the brake mechanism, the brakeshoes press the brake lining against the brakedrum, which creates friction to stop the rotation of the wheels, which in turn stops the vehicle.

(17) "Brakeshoe anchor pin" means a pin which holds the brakeshoe in its proper place within the brakedrum and serves as a pivot for the brakeshoes. One end of each brakeshoe is generally connected to the backing plate or spider by anchor pins.

(18) "Brake system" means a combination of one or more brakes and the related means of operation and control.

(19) "Brake wheel cylinder" means a unit for converting hydraulic fluid pressure to mechanical force for actuation of a brake.

(20) "Contamination" means any grease, oil, or brake fluid on the brake lining, pad friction surface, or braking surface of the brake drum or rotor.

(21) "Diaphragm" means a rubber partition placed between the two halves of the brake chamber. When air pressure is introduced into the chamber on one side of the diaphragm, the pressure flexes the diaphragm and exerts force on the pushplate attached to the push rod. The pushplate is held up against the diaphragm by a light duty return spring.

(22) "Disc brake" means a brake in which the friction forces act on the faces of a disc.

(23) "Disc brake caliper assembly" means the nonrotational components of a disc brake, including its actuating mechanism for development of friction forces at the disc.

(24) "Disc (rotor)" means the parallel-faced circular rotational member of a disc brake assembly acted upon by the friction material.

(25) "Drum" means the cylindrical rotational member of a drum brake assembly acted upon by the friction material.

(26) "Drum brake" means a brake in which the friction forces act on the cylindrical surfaces of the drum.

(27) "Foot valve" means a brake application and release valve located on the floor or firewall of the motor vehicle between the throttle and the clutch. It may be either a treadle or a pedal and is operated by foot pressure applied by the driver to apply air pressure to the service brake system. The valve may be either attached to the treadle or may be remotely mounted under the floor and connected to the pedal by means of a rod. This valve generally applies air pressure to all braking axles on all vehicles in the combination.

(28) "Hydraulic brake system" means a brake system in which brake operation and control utilizes hydraulic brake fluid.

(29) "Pedal reserve" means the amount of total pedal travel left in reserve when the brake pedal is depressed to the "brake applied" position.

(30) "Push rod" means the sliding rod projecting from a brake chamber and connected to the slack adjuster by which the force of compressed air in the brake chamber is transmitted to the brakeshoes through connecting linkage during a brake application.

(31) "Safety valve" means a pressure release unit used to protect the air system against excessive pressure.

(32) "Service brake system" means the primary brake system used for retarding and stopping a vehicle.

(33) "Slack" means the sum of all clearances in the braking system and total system elasticity.

(34) "Slack adjuster" means a lever attached to the brake camshaft and connected to the brake chamber push rod. The slack adjuster provides a means of adjusting the brakes to compensate for brake lining wear.

(35) "Straight air brake system" means a mechanical type brake system actuated by air pressure in brake cylinders or brake chambers.

(36) "Supply air" means the air that is under pressure in the air supply system of a vehicle. It consists of those lines or tanks, except protected air tanks, which are under pressure when the system is fully charged and when all valves are in the normal position with the brakes unapplied.

(37) "Vacuum assisted hydraulic brake system" means a hydraulic type brake system which utilizes vacuum to assist the driver's effort to apply the brakes.

(38) "Vacuum brake reservoir" means a storage container for vacuum.

(39) "Wedge brake" means a wheel brake which uses air or hydraulic pressure to force wedges instead of cams between the brakeshoes to apply the shoes against the brake-drums. In air applied wedge brake systems, the brake actuator axis is parallel to the axle and pushes directly on the wedge in this direction instead of being mounted at right angles to push a slack adjuster and rotate a cam as in the conventional type of air brake system.

[Statutory Authority: RCW 46.37.005, 83-21-080 (Order 83-10-01), § 204-76-030, filed 10/19/83; 80-10-006 (Order 80-07-01), § 204-76-030, filed 7/25/80.]

**WAC 204-76-040 Straight air brakes.** Straight air brake systems shall be subject to the following requirements and limitations:

(1) Supply system.

(a) The air compressor for a straight air brake system shall cut in at not less than 85 pounds per square inch and shall cut out at not more than 130 pounds per square inch.

(b) Air compressor buildup time shall not be more than two minutes to increase the air pressure from 60 pounds per square inch to 90 pounds per square inch. Engine speed shall not exceed 1500 RPM to meet this requirement.

(c) Air loss from the air system shall not exceed:

(i) 3 pounds per square inch per minute for a single vehicle.

(ii) 4 pounds per square inch per minute for a two vehicle combination.

(iii) 5 pounds per square inch per minute for a three or more vehicle combination. Air losses shall be measured by the air gauge in the vehicle.

(2009 Ed.)

(d) The air system shall contain no more than one quart of contaminants. Water and oil shall be considered contaminants.

(2) Brake assembly.

(a) Adjustment of all brakes shall comply with the manufacturer's recommended specifications as set forth in WAC 204-76-99001, 204-76-99002, 204-76-99003, and 204-76-99004.

(b) Brake system components shall meet all the requirements of RCW 46.37.360.

(i) Brake hoses and their attachments shall meet the requirements of RCW 46.37.360 and shall comply with Part 393.45 of Title 49 CFR.

(ii) Brake hose splices shall consist of only those unions specifically manufactured for that purpose and shall be properly installed.

(iii) Brakedrums shall not be cracked or broken to the extent that such crack or break appears on the outside of the drum.

(iv) Brake lining, pad friction surface, or braking surface of the brake drum or rotor shall not be contaminated with grease, oil, or brake fluid.

[Statutory Authority: RCW 46.37.005, 83-21-080 (Order 83-10-01), § 204-76-040, filed 10/19/83; 80-10-006 (Order 80-07-01), § 204-76-040, filed 7/25/80.]

**WAC 204-76-050 Air over hydraulic brakes.** Air over hydraulic brake systems shall be subject to the following requirements and limitations:

(1) Supply system.

(a) The air compressor for an air over hydraulic brake system shall cut in at not less than 85 pounds per square inch and shall cut out at not more than 105 pounds per square inch.

(b) Air compressor buildup time shall not be more than one minute to increase the air pressure from 60 pounds per square inch to 90 pounds per square inch. Engine speed shall not exceed 1500 RPM to meet this requirement.

(c) Air loss from the air system shall not exceed:

(i) 3 pounds per square inch per minute for a single vehicle.

(ii) 4 pounds per square inch per minute for a two vehicle combination.

(iii) 5 pounds per square inch per minute for a three or more vehicle combination. Air losses shall be measured by the air gauge in the vehicle.

(d) The air system shall contain no more than one quart of contaminants. Water and oil shall be considered contaminants.

(e) Hydraulic fluid shall be maintained in excess of 50 percent of the brake master cylinder capacity.

(2) Brake assembly.

(a) Adjustment of all brakes shall comply with the manufacturer's recommended specifications.

(b) Brake system components shall meet all the requirements of RCW 46.37.360, and brake drums shall not be cracked or broken to the extent that such crack or break appears on the outside of the drum.

(c) Brake lining, pad friction surface, or braking surface of the brake drum or rotor shall not be contaminated with grease, oil, or brake fluid.

[Title 204 WAC—p. 51]

[Statutory Authority: RCW 46.37.005, 83-21-080 (Order 83-10-01), § 204-76-050, filed 10/19/83; 80-10-006 (Order 80-07-01), § 204-76-050, filed 7/25/80.]

**WAC 204-76-060 Vacuum assisted hydraulic brakes.**

Vacuum assisted hydraulic brake systems shall be subject to the following requirements and limitations:

(1) Supply system.

(a) When equipped with a protected vacuum reservoir, there shall be no more than three inches drop in vacuum in one minute after turning off the engine.

(b) When not equipped with a protected vacuum reservoir, a slight drop of the brake pedal should be felt after starting the engine when moderate pressure is applied to the pedal. If a slight drop of the pedal does not occur, the vacuum system shall be deemed to be defective.

(c) Hydraulic fluid shall be maintained in excess of 50 percent of the brake master cylinder capacity.

(d) The hydraulic portion of the system shall pass the following test procedures.

(i) With the engine off, a hard brake pedal application shall be made.

(ii) Pedal pressure shall be reduced but not released.

(iii) Pedal pressure shall be gradually reapplied and pedal reserve shall be checked.

(iv) No pedal reserve drop should occur. Any such drop in pedal reserve shall cause the system to be deemed defective.

(2) Brake assembly.

(a) Adjustment of all brakes shall comply with the manufacturer's recommended specifications.

(b) Brake system components shall meet all the requirements of RCW 46.37.360, and brake drums shall not be cracked or broken to the extent that such crack or break appears on the outside of the drum.

(c) Brake lining, pad friction surface, or braking surface of the brake drum or rotor shall not be contaminated with grease, oil, or brake fluid.

[Statutory Authority: RCW 46.37.005, 83-21-080 (Order 83-10-01), § 204-76-060, filed 10/19/83; 80-10-006 (Order 80-07-01), § 204-76-060, filed 7/25/80.]

**WAC 204-76-070 Hydraulic brakes.** Hydraulic brake systems shall be subject to the following requirements and limitations:

(1) Supply system.

(a) Hydraulic fluid shall be maintained in excess of 50 percent of the brake master cylinder capacity.

(b) The hydraulic system shall pass the following test procedures.

(i) With the engine off, a hard brake pedal application shall be made.

(ii) Pedal pressure shall be reduced but not released.

(iii) Pedal pressure shall be gradually reapplied and pedal reserve shall be checked.

(iv) No pedal reserve drop should occur. Any such drop in pedal reserve shall cause the system to be deemed defective.

(2) Brake assembly.

(a) Adjustment of all brakes shall comply with the manufacturer's recommended specifications.

(b) Brake system components shall meet all the requirements of RCW 46.37.360, and brake drums shall not be cracked or broken to the extent that such crack or break appears on the outside of the drum.

(c) Brake lining, pad friction surface, or braking surface of the brake drum or rotor shall not be contaminated with grease, oil, or brake fluid.

[Statutory Authority: RCW 46.37.005, 83-21-080 (Order 83-10-01), § 204-76-070, filed 10/19/83; 80-10-006 (Order 80-07-01), § 204-76-070, filed 7/25/80.]

**WAC 204-76-99001 Bolt type brake chamber data.**

BOLT TYPE BRAKE CHAMBER DATA				
Type	Effective Area (Square Inches)	Outside Diameter	Maximum Stroke With Brakes Adjusted	Maximum Stroke At Which Brakes Shall Be Readjusted
A	6	5 1/4	Should be	1 1/4
B	9	6 3/16	as short as	1 3/8
C	12	6 15/16	possible	1 3/8
D	16	8 1/16	without	1 3/4
E	24	9 3/16	brakes	1 3/4
*F	30	9 7/8	dragging	2
G	36	11		2 1/4

\*Most common types.

[Statutory Authority: RCW 46.37.005, 89-12-019 (Order 89-03-ESR), § 204-76-99001, filed 5/30/89; 88-01-018 (Order 87-04-ESR), § 204-76-99001, filed 12/8/87; 80-10-006 (Order 80-07-01), § 204-76-99001, filed 7/25/80.]

**WAC 204-76-99002 Clamp type brake chamber data.**

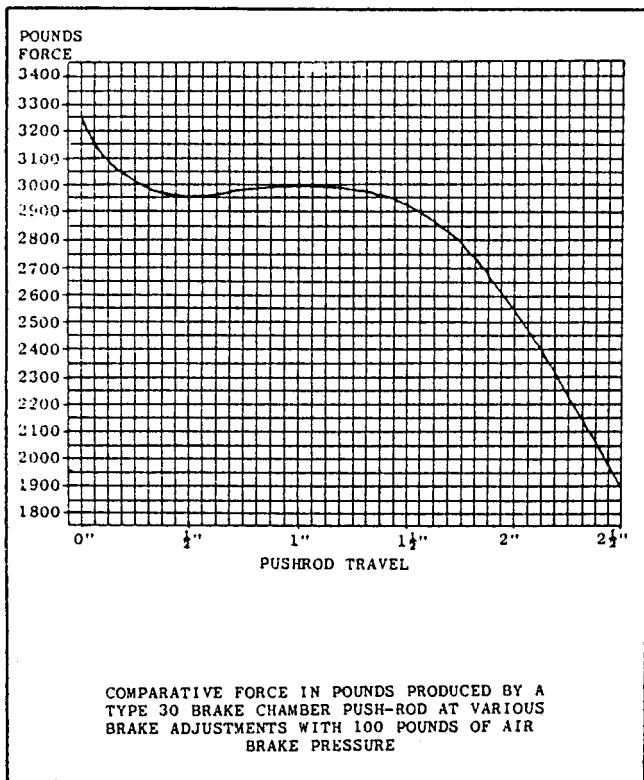
CLAMP TYPE BRAKE CHAMBER DATA				
Type	Effective Area (Square Inches)	* Outside Diameter	Maximum Stroke With Brakes Adjusted	Maximum Stroke At Which Brakes Shall Be Readjusted
6	6	4 1/2	Should be	1 1/4
9	9	5 1/4	as short as	1 3/8
12	12	5 11/16	possible	1 3/8
16	16	6 3/8	without	1 3/4

Type	Effective Area (Square Inches)	* Outside Diameter	Maximum Stroke With Brakes Adjusted	Maximum Stroke At Which Brakes Shall Be Readjusted
20	20	6 25/32	brakes	1 3/4
24	24	7 7/32	dragging	1 3/4
**24 LS	24	7 7/32		2
30	30	8 3/32		2
36	36	9		2 1/4

\* Dimensions listed do not include capscrew head projections for bolt clamp projections for clamp type brake chambers.  
 \*\* Long stroke.

[Statutory Authority: RCW 46.37.005. 89-12-019 (Order 89-03-ESR), § 204-76-99002, filed 5/30/89; 88-01-018 (Order 87-04-ESR), § 204-76-99002, filed 12/8/87; 80-10-006 (Order 80-07-01), § 204-76-99002, filed 7/25/80.]

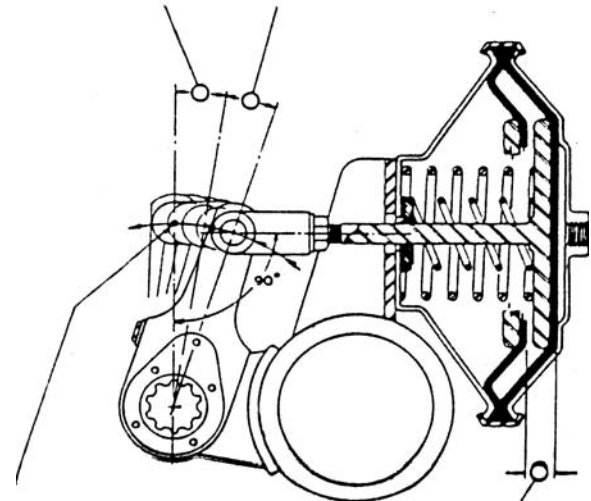
**WAC 204-76-99003 Push rod force vs. travel.**



[Statutory Authority: RCW 46.37.005. 80-10-006 (Order 80-07-01), § 204-76-99003, filed 7/25/80.]

**WAC 204-76-99004 Relationship of push rod and slack adjuster angle to brake force.**

RESULT	
EVEN TORQUE (BRAKE INPUT) BETWEEN BRAKE ADJUSTMENTS	
*LAST HALF OF CAM ROTATION*	*FIRST HALF OF CAM ROTATION*
LEVERAGE INCREASING TO THE MAXIMUM AND BRAKE CHAMBER EFFICIENCY DECREASING WITH LENGTH OF STROKE.	BRAKE CHAMBER EFFICIENCY IS MAXIMUM AND LEVERAGE IS MINIMUM AT BEGINNING OF STROKE. LEVERAGE INCREASES WITH THE INCREASED MOVEMENT.



**POINT OF GREATEST LEVERAGE**  
 MOVEMENT PAST THIS POINT RESULTS IN LESS LEVERAGE, REDUCED INPUT AND LOWER BRAKE EFFICIENCY.

**\*FIRST HALF OF RATED TRAVEL\***  
 BRAKE CHAMBER IS AT THE MAXIMUM EFFICIENCY.

[Statutory Authority: RCW 46.37.005. 80-10-006 (Order 80-07-01), § 204-76-99004, filed 7/25/80.]

**WAC 204-76-99005 Air operated wedge brake adjustment.** Wedge brake shoe travel shall not exceed 1/16 inch, nor shall the gap between the brake shoe lining and the brake drum exceed .06225 inch when the brake is released.

[Statutory Authority: RCW 46.37.005. 88-01-018 (Order 87-04-ESR), § 204-76-99005, filed 12/8/87.]

**Chapter 204-91A WAC TOWING BUSINESSES**

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204-91A-050	Certification.
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204-91A-100	Appeal.
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204-91A-120	Business office hours and records.
204-91A-130	Personal property handling procedures.
204-91A-140	Fees.
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204-91A-160	Tow zones.
204-91A-170	Minimum tow truck equipment standards.
204-91A-180	Vehicle towing/operator qualifications, restrictions, and requirements.

**WAC 204-91A-010 Authority.** This chapter is adopted pursuant to RCW 46.37.005, 46.55.050, and 46.55.115 which require rules, regulations and equipment standards for tow trucks be made and to provide for the removal from the highway of disabled, abandoned, or damaged motor vehicles, or the removal of vehicles when the driver is intoxicated or otherwise incompetent.

[Statutory Authority: RCW 46.37.005, 46.55.050, and 46.55.115. 02-07-056, § 204-91A-010, filed 3/15/02, effective 4/15/02. Statutory Authority: RCW 46.37.005 and 46.55.050. 94-18-083, § 204-91A-010, filed 9/2/94, effective 10/3/94. Statutory Authority: RCW 46.35.005 [46.37.005]. 89-14-015 (Order 89-04-ESR), § 204-91A-010, filed 6/23/89.]

**WAC 204-91A-020 Purpose.** This chapter is intended to implement the public policy expressed by the legislature and to carry out the statutory duties of the Washington state patrol.

All registered tow truck operators providing service as a result of being appointed by, or contracted to the Washington state patrol shall conduct all operations in accordance with all applicable laws of the state of Washington and applicable rules of the Washington state patrol and the department of licensing.

[Statutory Authority: RCW 46.35.005 [46.37.005]. 89-14-015 (Order 89-04-ESR), § 204-91A-020, filed 6/23/89.]

**WAC 204-91A-030 Definitions.** The following definitions shall apply throughout this chapter:

- (1) "Patrol" means the Washington state patrol as defined in RCW 43.43.010.
- (2) "Chief" means the chief of the Washington state patrol or designee.
- (3) "Department" means the Washington state department of licensing.
- (4) "Director" means the director of the department of licensing.
- (5) "Tow truck permit" means the permit issued annually by the department that has the classification of service the tow truck may provide stamped upon it.
- (6) "Registered tow truck operator" or "operator" means any person who engages in the impounding, transporting, or storage of unauthorized vehicles, or in the disposal of abandoned vehicles.
- (7) "Tow truck" means a motor vehicle that is equipped for and used in the business of towing or otherwise transporting other vehicles with specific equipment approved by the state patrol.
- (8) "Tow truck number" means the number issued by the department to tow trucks used by a registered tow truck operator in the state of Washington.
- (9) "Tow truck service" means the towing, moving, transporting, or impounding of vehicles, together with personal effects and cargo, by a registered tow truck operator utilizing equipment approved by the patrol.
- (10) "Highway" means the entire width between the boundary lines of every way publicly maintained when any

part thereof is open to the use of the public for purposes of vehicular travel.

(11) "Place of business" means a building which the registered tow truck operator occupies, either continuously or at regular times, where tow business books and records are kept and tow business is transacted in each assigned tow zone.

(12) "Vehicle storage area" means the approved yard/buildings (primary and secondary) where stored vehicles are kept. The storage areas and fencing will comply with the requirements as established by the department and all local zoning rules and regulations. Both primary and secondary storage areas must be physically located within tow zone assigned to the operator.

(13) "Special event" means any event which causes an unusually large number of impounded vehicles and/or tow calls in a short period of time and is so declared by the district commander or designee.

(14) "Special event storage area" means an area used for temporarily storing vehicles impounded/towed from special events. Approval for such areas shall be obtained from the department, the patrol, and appropriate city and county jurisdictions.

(15) "District commander" means the commanding officer of an area established by the Washington state patrol.

(16) "Inspector" means a commissioned officer of the Washington state patrol who has been designated as a tow truck inspector by the patrol.

(17) "Tow zone" means that specific geographical area designated by the district commander for the removal of vehicles as defined in Title 46 RCW and this chapter.

(18) "Section" means the section designated by the chief of the Washington state patrol to coordinate the tow truck inspection program, maintain tow truck files, and issue letters of appointment.

(19) "Letter of appointment" means a letter issued by the section that authorizes a registered tow truck operator to tow and store vehicles on a rotational or contractual basis, in a specific area, for the Washington state patrol. The letter of appointment must have an attached valid contractual agreement listing the maximum rates that will be charged by the operator for services provided as a result of state patrol originated calls.

(20) "Initial tow" means services provided including, but not limited to, accidents, incidents, disableds, and impound requests, as a result of an original call, on a particular vehicle, that the tow operator receives from the patrol using a copy of a current rotational call list for the particular zone. Any vehicles of combination oversized/weight requiring a permit, may only be moved to the nearest safe location agreed upon by all parties involved, until such time a permit is acquired or until the load can be made legal by reducing.

(21) "Secondary tow" means towing services from an operator's storage facility or place of business, to another location designated by the owner/agent of a vehicle that was initially towed as a result of call from the patrol.

(22) "Letter of contractual agreement" means the document, attached to the letter of appointment, that specifies the maximum tow rates that may be charged for services provided as a result of state patrol originated calls.

(23) "Owner/operator" means owner is active in the general management of the towing business.

[Statutory Authority: RCW 46.37.005. 04-20-021, § 204-91A-030, filed 9/28/04, effective 10/29/04. Statutory Authority: RCW 46.37.005, 46.55.050, and 46.55.115. 02-07-056, § 204-91A-030, filed 3/15/02, effective 4/15/02. Statutory Authority: RCW 46.37.005 and 46.55.050. 94-18-083, § 204-91A-030, filed 9/2/94, effective 10/3/94. Statutory Authority: RCW 46.61.567. 89-21-044, § 204-91A-030, filed 10/13/89, effective 11/13/89. Statutory Authority: RCW 46.35.005 [46.37.005]. 89-14-015 (Order 89-04-ESR), § 204-91A-030, filed 6/23/89.]

**WAC 204-91A-040 Inspections.** Upon the request of a registered tow operator or applicant, the patrol shall conduct an inspection of the applicant's place of business, facilities, and equipment to determine if the applicant meets the requirements of chapter 46.55 RCW, or Titles 308 and/or 204 WAC. Verification must be shown to the inspector that the applicant complies with all applicable local laws and regulations as prescribed for the geographical area where the towing business will be established. If local zoning regulations are applicable, a copy of the certification of approval from the local zoning commission will be furnished to the inspector. This certification may be included in the department's application form for license. The certification will become a part of the permanent record maintained on each approved towing firm by the section.

(1) Reinspections will be conducted at least once a year. Unscheduled inspections may be conducted without notice at the operator's place of business by an inspector to determine the fitness of tow trucks, facilities, and business records.

(2) If reinspection of a previously-approved tow truck reveals equipment defects, one of the following procedures shall apply:

(a) In the event of a safety-related defect which would render the tow truck a safety hazard upon the public highway, a red "out-of-service" sticker shall be affixed immediately by the inspector.

(b) In the event of missing or defective equipment that does not constitute a safety hazard but is required, the inspector shall advise the operator of the defect. If after ten days the operator fails or refuses to repair the defect, the red out-of-service sticker shall be affixed.

(c) Upon confirming the satisfactory repair of the defect or defects that caused the tow truck to be taken out of service, the inspector shall remove the red sticker. In the event that the original inspector is not available to reinspect the equipment, another patrol officer appointed by the appropriate supervisor may do so. The reinspection shall be completed as soon as possible after the operator advises the patrol that the defect has been repaired. Whenever practicable this shall be done within three days and may require the operator to bring the truck to the inspector.

(d) Upon sale or other transfer of a tow truck from the business, the operator shall so advise the inspector who will request the issued cab card permit be forwarded to the inspector via U.S. mail or other arrangement agreed upon by the parties involved, within three days of any changes. The operator will remove any decals indicating truck class, district and/or zone. The inspector will notify the department and the section of any changes in vehicles.

(e) Upon the purchase or acquisition of any additional or replacement tow truck(s) to be used pursuant to this chapter, the operator shall immediately notify the patrol and request an inspection of the new unit. The new unit shall not be used

for public or private impound calls until satisfactory inspection is completed and a cab card permit and/or decals for the vehicle has been issued by the department and/or patrol.

(3) On original inspection, and subsequent reinspection, the inspector shall confirm the identities and status of driving privilege of all persons that operate the tow trucks. The inspector shall notify the operator if any person does not meet the minimum license requirements.

(a) In the event that an operator becomes aware that the driving privilege of an employee, or owner no longer meets the minimum requirements, the operator shall prohibit that person from operating any tow truck.

(b) An operator shall, within three days of employing a new driver, advise the inspector in writing, on a form provided by the inspector, of the identity, including name, address and date of birth, of the new employee. The check performed by the inspector is not to be used as part of the operator's preemployment screening processes. The inspector shall notify the operator if the new employee does not meet the minimum license requirements in a timely manner.

(c) An operator may not request a waiver for a new employee; the new employee must contact the inspector in writing to request a waiver.

[Statutory Authority: RCW 46.37.005 and 46.55.115. 07-02-025A, § 204-91A-040, filed 12/22/06, effective 1/22/07. Statutory Authority: RCW 46.37.005. 04-20-021, § 204-91A-040, filed 9/28/04, effective 10/29/04. Statutory Authority: RCW 46.37.005 and 46.55.050. 94-18-083, § 204-91A-040, filed 9/2/94, effective 10/3/94. Statutory Authority: RCW 46.35.005 [46.37.005]. 89-14-015 (Order 89-04-ESR), § 204-91A-040, filed 6/23/89.]

**WAC 204-91A-050 Certification.** After inspection of the towing business facilities and equipment, the inspector will certify one of the following:

(1) The towing operation of the applicant meets the requirements and qualification standards established by chapter 46.55 RCW, chapters 204-91A and 308-61 WAC, the department of licensing, master licensing services, and the patrol; or

(2) The towing operation of the applicant does not meet the requirements and qualification standards established by the Revised Code of Washington 46.55, Washington Administrative Codes 204-91A and 308-61, the department of licensing, master licensing services, and the patrol. The inspector shall state the reasons for failure to qualify in a separate report which shall be attached to the application/inspection form.

In the event the applicant fails to meet the established requirements for approval, the applicant may, after correcting all deficiencies, request a reinspection for certification.

[Statutory Authority: RCW 46.37.005. 04-20-021, § 204-91A-050, filed 9/28/04, effective 10/29/04. Statutory Authority: RCW 46.35.005 [46.37.005]. 89-14-015 (Order 89-04-ESR), § 204-91A-050, filed 6/23/89.]

**WAC 204-91A-060 Application for letter of appointment.** (1) An application for a letter of appointment to be placed on the rotational tow list, will not be considered or approved unless the owner/operator of the towing company can demonstrate that he/she has been a registered tow truck operator for a minimum of two years prior to the date of application with at least one approved "A" or "B" class tow truck, additional trucks are optional; or has worked as an employee of a tow company on the state patrol's rotational

tow list and gained experience within the towing industry including, but not limited to, the operation of vehicles, complying with the state and federal standards and regulations, and processing of paperwork for auditing and other purposes; or will keep in place the existing management team/employees for a minimum of one year upon purchasing the business. The owner/operator shall submit a letter with the application outlining their experience within the towing industry and outline which requirement listed above fits their situation. If the owner/operator doesn't have the two years experience and is granted a waiver, it will be a probationary waiver for a period of one year.

Note: An exception may be made if an operator desires a letter of appointment for class "C" tows only. In such situations, only a class "C" truck is required.

Upon request, the section shall advise the applicant of the contents of the department's regulations and of the standards established for the issuance of a letter of appointment.

(2) An application for a letter of appointment to provide towing service for the patrol shall be filed by the applicant with the local state patrol district office on a form prescribed by the patrol. The state patrol may refuse to approve or may revoke a letter of appointment/contract if the applicant, partner, corporate officer involved in day-to-day operations, or any employee who operates a tow truck or assists in vehicle auctions has been found guilty of or convicted of any felony or any crime involving moral turpitude regardless of type or class, or any individual who must register as or is a convicted sex offender, or within the last three years been convicted or found guilty of driving under the influence of alcohol and/or drug(s), or within the last five years have been found guilty of driving under the influence of alcohol and/or drugs two or more times as defined in the criminal code as they existed at the time of the violation, as they now exist or may later be amended in the state of Washington. In the case of a partnership, each partner shall apply on the form prescribed. In the case of a corporation, the patrol may require that each of the present and any subsequent officers, managers, and stockholders holding ten percent or more of the total issued and outstanding stock of the applicant corporation complete an application form. A signed "letter of contractual agreement" listing the maximum tow rates to be charged for services resulting from state patrol originated calls will be attached to the application.

(3) Only one application per year to tow on the Washington state patrol rotational tow list will be accepted and considered for an applicant who has had their previous application denied or had their letter/contract of appointment revoked. The year shall run from the date of application denial or the date of the letter of appointment's revocation.

(4) The district commander or designee shall complete tow zone portion of the form. He/she will enter "approved" or "disapproved" and will sign the form next to the zone designation. The application and "letter of contractual agreement" will be forwarded to the section.

(5) The application form will be assigned a docket number, by the section, which shall be its permanent identification number for all matters relating to appointments, granted or denied, and any other correspondence with the section thereafter.

(6) The filing of an application for a letter of appointment does not in itself authorize the operator to provide towing services pursuant to this chapter until a letter of appointment has been issued by the section. However, nothing herein shall prohibit the patrol from calling the towing business upon the specific request of a person responsible for a vehicle or his agent.

[Statutory Authority: RCW 46.37.005 and 46.55.115. 07-02-025A, § 204-91A-060, filed 12/22/06, effective 1/22/07. Statutory Authority: RCW 46.37.005. 04-20-021, § 204-91A-060, filed 9/28/04, effective 10/29/04. Statutory Authority: RCW 46.37.005, 46.55.050, and 46.55.115. 02-07-056, § 204-91A-060, filed 3/15/02, effective 4/15/02. Statutory Authority: RCW 46.37.005 and 46.55.050. 97-08-021, § 204-91A-060, filed 3/25/97, effective 4/25/97; 94-18-083, § 204-91A-060, filed 9/2/94, effective 10/3/94. Statutory Authority: RCW 46.61.567. 89-21-044, § 204-91A-060, filed 10/13/89, effective 11/13/89. Statutory Authority: RCW 46.35.005 [46.37-005]. 89-14-015 (Order 89-04-ESR), § 204-91A-060, filed 6/23/89.]

**WAC 204-91A-070 Issuance of a letter of appointment.** (1) No towing operator shall be called to perform a towing service at the request of the patrol unless such operator has a letter of appointment as described in this chapter. No such letter of appointment will be issued unless all qualifications set out in this chapter have either been met by the applicant, or a waiver of those qualifications not met has been granted by the section.

(2) The section commander shall have the authority to issue letters of appointment upon request after receiving certification from the inspector, an application for a letter of appointment endorsed by the district commander, and notice from the department that the requestor has been licensed as a registered tow truck operator.

If the section shall find the requestor does not or will not meet all requirements and is not qualified for a waiver of the requirements, then such request shall be denied. The section shall notify the requestor of its decision in writing, stating the reasons. If the request is approved, the section commander will issue the letter of appointment and forward it to the tow operator. The tow company will be admitted to the patrol's call list for the appropriate tow zone on the effective date of the letter.

If the district commander recommends denial of a request for a letter of appointment, the section commander shall notify the applicant and provide an opportunity for applicant to have a hearing as provided in chapter 34.05 RCW.

(3) A letter of appointment will be valid for one business, in a single tow zone, assigned by the district commander. Requests for additional letters of appointment in the same or another zone must be based on a complete and separate place of business capable of independent operation within the appropriate zone.

(a) Each business must be operated independently. One company cannot be dependent upon another for any required operation.

(b) If an individual, partnership, corporation, or other business entity owns more than one business, each business must have a different identifiable name, address, and telephone number, which are answered at the business location during normal business hours. There may, however, be a central dispatch center for multiple companies. At a minimum, the different identifiable name, city of address (even if



included in the name of the company), registered tow truck operator license number, and truck number as assigned by the department, must be located on both sides of the truck. All required information must be plainly seen and able to be read at all times. All other required markings must also be located where they can be plainly seen and able to be read at all times and be of the size outlined in WAC 308-61-115(1). Companies must comply by December 31, 2007.

Note: A different identifiable name may include the parent company name but must also have an additional name to identify and separate that company. Example: Joe's Towing and Joe's Towing South. Joe's Towing I and Joe's Towing II.

(c) There must be adequate staffing for each company with personnel present to answer all incoming calls and who are able to release impounded vehicles during normal business hours 8:00 a.m. to 5:00 p.m. Monday through Friday excluding state recognized holidays. Each business shall be staffed by a sufficient number of drivers for twenty-four hour day operation.

(d) There must be adequate equipment for each company to operate independently. Tow trucks must only be used for the company for which they are registered and within the zone approved/assigned for use in, unless specifically requested by law enforcement. All trucks must be clearly marked with the company's identity as outlined in (b) of this subsection.

(e) Separate businesses in the same tow zone may be housed in one building; however, there must be a solid wall from floor to ceiling physically separating each business. Each business must have its own outside entrance, or when the building has one main entrance, the offices must have doors clearly marking and separating each business (not acceptable to walk in the main door and be hit with a counter or one office for the multiple tow companies housed in the building), with a sign at the front door and a sign plainly visible from the street indicating the company's name, phone number, and office hours. Companies currently not meeting these standards will have twelve months from July 1, 2004, to comply.

(f) Each business must maintain their own set of required records and books as outlined in RCW 46.55.150 including, but not limited to, a master log, vehicle transaction file, and billing invoices at its place of business. If there is a corporate accountant/bookkeeper for more than one company, all records and/or files for each company, other than those records, which are required to be maintained at the business location, must be maintained separately.

(g) Impound/storage areas must meet the requirements of WAC 308-61-026(2) at all times, including proper segregation.

All registered tow truck operators providing service to WSP must be in compliance with these requirements. Failure to comply will result in the cancellation of your letter of appointment to tow on the patrol's rotational tow list.

(4) A tow operator (or a district commander) may petition the section in writing for a waiver of one or more requirements. The section may grant a waiver if it finds that:

- (a) The towing service available to the patrol without the waiver is inadequate to meet the needs of the public;
- (b) The request is otherwise reasonable; and
- (c) The request has the district commander's approval.

In the event a qualified tow operator meeting all requirements and qualifications receives a letter of appointment in the same zone as a tow operator that had earlier been granted a waiver, the tow operator with a waiver will have the letter of appointment rescinded by the section and after notification will not be called for patrol-initiated tows.

(5) Every letter of appointment shall be issued in the name of the applicant and the holder thereof shall not allow any other person or business to use the letter of appointment.

(6) The letter of appointment will only be valid for the place of business named on the application and will not apply to any other place of business.

(7) A letter of appointment shall be valid until suspended, superseded, or revoked by the section.

(8) The holder of each letter of appointment must maintain at least one tow truck meeting the minimum class "A," "B," or "C" standards as listed in WAC 204-91A-170.

(9) All storage areas, primary and secondary, for each place of business must be in the tow zone assigned to that place of business.

[Statutory Authority: RCW 46.37.005 and 46.55.115. 07-02-025A, § 204-91A-070, filed 12/22/06, effective 1/22/07. Statutory Authority: RCW 46.37.005. 04-20-021, § 204-91A-070, filed 9/28/04, effective 10/29/04. Statutory Authority: RCW 46.37.005 and 46.55.050. 94-18-083, § 204-91A-070, filed 9/2/94, effective 10/3/94. Statutory Authority: RCW 46.61.567. 89-21-044, § 204-91A-070, filed 10/13/89, effective 11/13/89. Statutory Authority: RCW 46.35.005 [46.37.005]. 89-14-015 (Order 89-04-ESR), § 204-91A-070, filed 6/23/89.]

**WAC 204-91A-080 Suspension or revocation of letter of appointment.** (1) Upon receiving evidence that any appointee has failed to comply or no longer complies with any requirement or provision of law or this chapter, the section may deny, suspend, or revoke the letter of appointment. The appointee shall be given notice of the action and an opportunity to be heard as prescribed in chapter 34.05 RCW, prior to denial, suspension, or revocation of the letter of appointment.

(a) Upon receiving notice of the action, the appointee may request a hearing on the denial, suspension or revocation of the letter of appointment. Such request must be made in writing within twenty days from the date of the notice. An adjudicative proceeding will be commenced within ninety days of the receipt of a hearing request. Failure to request a hearing, or failure to appear at a requested hearing, a prehearing conference, or any other stage of an adjudicative proceeding, shall constitute default and may result in the entry of a final order under RCW 34.05.440.

(b) Upon receiving a hearing request, the section may, at the request of the appointee, or on its own initiative, schedule an informal settlement conference which shall be without prejudice to the rights of the parties. The informal settlement conference will be held in the district where the company resides at a mutually agreed upon time and may result in a settlement agreement. If no agreement is reached, a hearing will be scheduled as outlined in chapter 34.05 RCW.

(c) The holder of a letter of appointment may voluntarily relinquish the letter. The section and the district commander will be advised in writing of this voluntary relinquishment. After receiving written notice, the district commander will cause the inspector to physically obtain the original letter of appointment and forward it to the section.

(2) The section may summarily suspend a letter of appointment without prior notification if it finds that there is danger to the public health, safety, or welfare which requires immediate action. In every summary suspension of a letter of appointment, the section shall enter an order, signed by the chief, which is in compliance with the provisions of RCW 34.05.479. Administrative proceedings consistent with chapter 34.05 RCW for revocation or other action shall be promptly instituted and determined. The section shall give notice as is practicable to the appointee.

(3) A tow company may be immediately removed from the state patrol's rotational tow list for the following - revocation or cancellation of their registered tow truck operator license by the department or cancellation of the tow company's insurance certificate or bond.

[Statutory Authority: RCW 46.37.005 and 46.55.115. 07-02-025A, § 204-91A-080, filed 12/22/06, effective 1/22/07. Statutory Authority: RCW 46.37.005. 04-20-021, § 204-91A-080, filed 9/28/04, effective 10/29/04. Statutory Authority: RCW 46.37.005 and 46.55.050. 94-18-083, § 204-91A-080, filed 9/2/94, effective 10/3/94. Statutory Authority: RCW 46.35.005 [46.37.005]. 89-14-015 (Order 89-04-ESR), § 204-91A-080, filed 6/23/89.]

**WAC 204-91A-090 Hearing procedure.** Hearings under this chapter shall be pursuant to chapters 34.05 RCW, 446-08, and 10-08 WAC.

(1) The presiding officer shall conduct the hearing and any prehearing conference(s).

(2) The burden of proof in any hearing before the chief shall be on the applicant seeking a letter of appointment, or the person or agency seeking the suspension or revocation of a letter of appointment, or other action by the chief or designee. The chief or designee, after having heard and considered all pertinent evidence, or if the hearing is conducted by an administrative law judge, after having considered a record of a hearing conducted by an administrative law judge duly appointed pursuant to chapter 34.12 RCW, shall make written findings of facts and conclusions based on evidence presented.

(3) Oral proceedings shall be recorded on tape and such tape shall become part of the hearing record.

(4) This section is intended to supplement the procedures contained in the Administrative Procedure Act, chapter 34.05 RCW, the model rules of procedure, chapter 446-08 WAC, and chapter 10-08 WAC.

[Statutory Authority: RCW 46.37.005. 04-20-021, § 204-91A-090, filed 9/28/04, effective 10/29/04. Statutory Authority: RCW 46.37.005, 46.55.050, and 46.55.115. 02-07-056, § 204-91A-090, filed 3/15/02, effective 4/15/02. Statutory Authority: RCW 46.35.005 [46.37.005]. 89-14-015 (Order 89-04-ESR), § 204-91A-090, filed 6/23/89.]

**WAC 204-91A-100 Appeal.** Any person aggrieved by a decision of the chief denying, suspending, or revoking a letter of appointment may appeal such decision to the superior court under the provisions of chapter 34.05 RCW.

[Statutory Authority: RCW 46.35.005 [46.37.005]. 89-14-015 (Order 89-04-ESR), § 204-91A-100, filed 6/23/89.]

**WAC 204-91A-110 Complaints.** All law enforcement or local licensing agencies that receive complaints involving registered tow truck operators shall forward the complaints, along with supporting documents, including all results from the complaint investigation, to the department.

(1) Those complaints investigated by the patrol will be reviewed by the section commander before forwarding to the department.

(2) The patrol shall investigate all complaints involving deficiencies of equipment.

(3) A complete copy of all complaints investigated by the patrol will be kept on file by the section.

[Statutory Authority: RCW 46.37.005 and 46.55.050. 94-18-083, § 204-91A-110, filed 9/2/94, effective 10/3/94. Statutory Authority: RCW 46.35.005 [46.37.005]. 89-14-015 (Order 89-04-ESR), § 204-91A-110, filed 6/23/89.]

**WAC 204-91A-120 Business office hours and records.** Business hours for purposes of inspection of records, place of business, and towing equipment must be 8 a.m. to 5 p.m., excluding weekends and holidays.

(1) When an operator is not open for business and does not have personnel present at the place of business, the operator must post a clearly visible telephone number at the business location for the purpose of advising the public how to make contact for the release of vehicles or personal property.

The owner/operator will have personnel at the place of business during business hours to answer phone calls and to release vehicles and/or personal property. Persons from adjoining businesses or neighboring businesses may not be used to meet this requirement. Phones may not be forwarded to an answering service during normal business hours, with the exception of the lunch hour. Lunch hours will be posted and will be consistent on a monthly basis.

(2) The owner/operator must maintain personnel who can be contacted twenty-four hours a day to release impounded vehicles within a thirty-minute period of time. The personnel must be identifiable as representing the company.

(3) All billing invoices shall be numbered and shall contain the following information:

(a) Date of service and tow truck operator's name.

(b) Time of departure in response to the call.

(c) Time service completed.

(d) Class of tow truck.

(e) If the towing call is for a Washington state patrol request, another police agency, a private impound, or the result of a private citizen request.

(f) All fees for service shall be itemized.

(g) The date and time the vehicle was released.

Note: Yard cards containing the above information may be used for internal control of vehicles by the operator until the vehicle is released, sold, or otherwise disposed of. Yard cards shall be supplemental to, and shall not replace the invoice required above.

A copy of the invoice shall be filed by invoice number at the business location and a copy of any voided invoice shall be retained in this same file. Another copy of the invoice shall be included with the transaction file items identified in RCW 46.55.150.

[Statutory Authority: RCW 46.37.005. 04-20-021, § 204-91A-120, filed 9/28/04, effective 10/29/04. Statutory Authority: RCW 46.37.005, 46.55.050, and 46.55.115. 02-07-056, § 204-91A-120, filed 3/15/02, effective 4/15/02. Statutory Authority: RCW 46.61.567. 89-21-044, § 204-91A-120, filed 10/13/89, effective 11/13/89. Statutory Authority: RCW 46.35.005 [46.37.005]. 89-14-015 (Order 89-04-ESR), § 204-91A-120, filed 6/23/89.]

**WAC 204-91A-130 Personal property handling procedures.** All personal belongings and contents in the vehicle and not permanently attached, shall be kept intact, and shall be returned to the vehicle's owner or agent during normal business hours upon request and presentation of a driver's license or other sufficient identification. The tow operator without charge, upon demand, shall release personal property not being held for evidence purposes by the impounding agency, to the vehicle's owner or agent during normal business hours of 8:00 a.m. to 5:00 p.m. except for weekends and legal holidays. Release procedures will also follow guidelines as set forth in chapter 308-61 WAC and chapter 46.55 RCW.

The vehicle and contents within, less items listed in WAC and RCW, and personal property not picked up prior to the vehicle going to auction, stays with the vehicle. Personal property will be sold with the vehicle at auction, unless arrangements with the legal/registered owner are made for pickup of items. The items may not be sold at auction to fulfill a lien against the vehicle.

(1) The items of personal property which the state patrol will not accept in response to RCW 46.55.090 include but are not limited to the following:

- (a) Tire chains;
- (b) Spare tire/wheels;
- (c) Used auto parts and/or accessories;
- (d) Seat covers;
- (e) Fuel containers;
- (f) Jacks, lug wrenches;
- (g) Radios, stereos, and other items attached to the vehicle by bolts, screws, or some other manner which incorporates them to the vehicle shall remain with the vehicle;
- (h) Refuse;
- (i) Trash;
- (j) Garbage;
- (k) Open alcohol containers;
- (l) Soiled or mildewed clothing, shoes, blankets, tarps, etc., having no actual value;
- (m) Miscellaneous unofficial papers and other items having no actual value.

(2) Items which must be turned over to the patrol and inventoried include but are not limited to:

- (a) Money;
- (b) Wallets or purses;
- (c) Bank or check books;
- (d) Bank or credit cards;
- (e) Official identification cards, operator's license, or passports;
- (f) Jewelry items;
- (g) Firearms and any type weapon;
- (h) Contraband and/or controlled substances;
- (i) Stocks, bonds, money orders, bank certificates, travelers checks, postage stamps, food stamps, etc.;
- (j) Other items of obvious value.

(3) The tow operator shall not remove or damage any vehicle parts permanently affixed to the vehicle, i.e., trunk locks or door locks.

[Statutory Authority: RCW 46.37.005, 04-20-021, § 204-91A-130, filed 9/28/04, effective 10/29/04. Statutory Authority: RCW 46.37.005, 46.55.-050, and 46.55.115, 02-07-056, § 204-91A-130, filed 3/15/02, effective (2009 Ed.)

4/15/02. Statutory Authority: RCW 46.35.005 [46.37.005], 89-14-015 (Order 89-04-ESR), § 204-91A-130, filed 6/23/89.]

**WAC 204-91A-140 Fees.** (1) All towing fees shall be based on a flat, hourly rate only and shall apply without regard for the hour of day, day of the week or whether the service was performed on a Saturday, Sunday, or holiday. The hourly rate for each class of truck shall be the only charge for services performed for initial tows and secondary tows performed during business hours. Charges for secondary tows performed during nonbusiness hours, on weekends or holidays, if different from the hourly rate, shall be negotiated and agreed upon with the vehicle owner/agent before the tow is made.

(2) The chief of the state patrol shall, prior to October 15 of each year, establish maximum hourly towing rates for each class of tow truck and maximum daily storage rates that tow operators may charge for services performed as a result of state patrol calls. The maximum rates shall be determined after consulting with members of the towing industry, review of current private towing rates, and such other economic factors as the chief may deem appropriate.

When signed by the chief (or his/her designee) and the tow operator, a contractual agreement to charge no more than the maximum rates shall become part of the operator's letter of appointment. The tow operator may, however, adopt a rate schedule charging less than the maximum rates established by the chief.

The hourly rate shall:

(a) Be the only basis used to compute total charges for towing services.

(b) Apply when the call is made by the state patrol, including, but not limited to, collisions and impound requests.

(c) Include all ancillary activities such as, but not limited to, removal of glass and debris from the roadway and any other area referred to as the "scene or incident," necessary winching, dolly service, drive line removal, installing chains on the tow truck, installation of portable lights, vehicle hookup for towing or transporting, tire replacement (on vehicle to be towed) and standby time. Tow companies must advise the department of transportation and/or the local road department of all fluid spills before leaving the scene that they will not clean up. Tow companies must document and file information in the vehicle transaction file.

(d) Be considered to include one person per truck. When responding with a class "C" or a S-1 rotator truck to major collisions and incidents, a second person is allowed at the hourly labor rate per contract for an extra RTO employee. Any charges for additional labor and/or ancillary vehicles (trailers, pickups, etc.), for removing debris, cargo, etc., must have prior authorization from the legal or registered owner/agent, or a member of the patrol at the scene.

(e) Be computed from the actual time the truck departs in response to a call until the truck returns to its normal area/zone, responds to another call, or the tow yard. The hourly rate shall be applied to the resulting net time and, after the first hour, shall be rounded to the nearest fifteen minutes. The operator may charge the hourly rate for the first hour or any portion thereof. After the first hour, no more than one-

quarter of the hourly rate may be charged for each fifteen minutes of tow or service work performed.

(3) The basic storage fee: (Vehicles shall be measured bumper to bumper; trailers shall be measured tongue to bumper.)

(a) Shall be calculated on a twenty-four-hour basis clock and shall be charged to the nearest half day from the time the vehicle arrived at the secure storage area. Vehicles stored over twelve hours on any given day within the twenty-four-hour clock shall constitute a full day's storage. Vehicles stored for less than twelve hours on any give day, shall be charged for twelve hours of storage; and

(b) Shall be the same for all three and four-wheel vehicles twenty feet or less in length; and

(c) Vehicles or combinations exceeding twenty feet, the storage fee shall be computed by multiplying each twenty feet of vehicle length, or any portion thereof, by the basic storage fee;

(d) Two-wheel motorcycles shall be one-half the basic storage fee for three and four-wheel vehicles.

(4) After hours release fee. If an operator or employee is already present, for other reasons, at the storage facility after business hours when a customer arrives, the vehicle and/or property shall be released as if it were during business hours. No "after hours fee" may be assessed. If the operator or employee is called to the place of business specifically for the purpose of releasing the vehicle and/or property, an "after hours fee," equivalent to one-half of the maximum Class "A" hourly rate, may be assessed.

(5) Any tow operator who charges the general public (i.e., private citizens) rates lower than those identified in the contractual agreement for services listed below shall charge the same lower rate for similar services performed as a result of state patrol originated calls.

(a) Roadside mechanical service, including fuel transfer, tire and belt changes, etc.;

(b) Disabled vehicle tow/transportation;

(c) Storage;

(d) After hours release fees.

Any such price requirement shall not be imposed for unoccupied vehicle situations in which the owner/operator has had no prior contact with either the state patrol or the tow operator.

[Statutory Authority: RCW 46.37.005 and 46.55.115. 07-02-025A, § 204-91A-140, filed 12/22/06, effective 1/22/07. Statutory Authority: RCW 46.37.005. 04-20-021, § 204-91A-140, filed 9/28/04, effective 10/29/04. Statutory Authority: RCW 46.37.005, 46.55.050, and 46.55.115. 02-07-056, § 204-91A-140, filed 3/15/02, effective 4/15/02. Statutory Authority: RCW 46.37.005 and 46.55.050. 97-08-021, § 204-91A-140, filed 3/25/97, effective 4/25/97. Statutory Authority: RCW 46.61.567. 89-21-044, § 204-91A-140, filed 10/13/89, effective 11/13/89. Statutory Authority: RCW 46.35.-005 [46.37.005]. 89-14-015 (Order 89-04-ESR), § 204-91A-140, filed 6/23/89.]

**WAC 204-91A-150 Towing procedure.** Officers of the patrol shall obtain towing services to remove damaged or disabled vehicles from the highway or to remove vehicles from the highway with the following limitations:

(1) If the vehicle does not constitute an obstruction to traffic and the owner/operator of the vehicle is present at the scene and appears competent to determine disposition of the vehicle, the owner/operator may, upon request, make his own

arrangements for removal. This does not affect rotational positions.

(2) If the vehicle is to be removed from the scene, the owner/operator of the vehicle may make a specific request for a particular tow operator. The request will be honored by the officer of the patrol if the requested tow operator is reasonably available and the request is otherwise reasonable in view of the circumstances at the scene. This does not affect rotational positions.

(3) When the owner/operator of the vehicle makes no specific request, or when the owner/operator is incapacitated or is unavailable, the officer of the patrol shall, when practicable, obtain towing services by notifying the radio communications center and requesting tow service at that location.

(4) The chief shall specify that tow services obtained by the patrol will be on a contractual, rotational, or other basis in specific geographical areas in the state.

(5) For the purposes of rotational or contractual tow requests, an approved tow truck shall be used only in the tow zone designated by the district commander. The patrol may, when tow service is not reasonably available within a given zone, obtain service from an adjacent zone.

(6) The patrol may adopt rules that will allow approved towing firms to establish their own central dispatch centers to dispatch tow trucks at the request of the patrol in selected geographical areas of the state.

(a) These dispatch centers will be the responsibility of those member towing firms that utilize this type of service.

(b) The patrol communications center will advise the towing dispatch center of the location, zone number, class of tow truck(s), and number of tow trucks needed at the location. The towing dispatch center will be responsible for dispatching the participating firm's tow trucks.

(c) Permanent records of all tow trucks dispatched at the request of the patrol will be maintained by the towing dispatch center for a period of three years.

[Statutory Authority: RCW 46.35.005 [46.37.005]. 89-14-015 (Order 89-04-ESR), § 204-91A-150, filed 6/23/89.]

**WAC 204-91A-160 Tow zones.** Each district commander shall outline geographical areas within his district to be designated as tow zones. The geographical tow zones for each patrol district shall be filed with the section. The boundaries established pursuant to this action may be modified as circumstances warrant. Considerations may include, but are not limited to, such factors as the frequency and severity of accidents and the frequency of DWI arrests in various areas throughout the district, the volume and pattern of traffic, the availability of tow services, and the accessibility of tow services to the areas of need within each district. Nothing herein shall prevent the patrol from amending tow zones from time to time as required by changing traffic and accident patterns and other such factors affecting the adequacy of towing service available to the patrol.

[Statutory Authority: RCW 46.37.005 and 46.55.050. 94-18-083, § 204-91A-160, filed 9/2/94, effective 10/3/94. Statutory Authority: RCW 46.35.-005 [46.37.005]. 89-14-015 (Order 89-04-ESR), § 204-91A-160, filed 6/23/89.]

**WAC 204-91A-170 Minimum tow truck equipment standards.** All tow/recovery trucks used by a registered tow

operator for public or private impounds or in response to patrol requests shall meet the minimum standards as listed in this section.

Note: Equipment standards will be effective one year from the date of adoption.

(1) **Minimum standards:**

(a) All equipment used in conjunction with the tow truck winching system shall have a working load limit at least twenty-five percent more than the working load limit of the wire rope or equivalent material being used. All equipment shall comply with the Washington safety and health administration (WSHA) regulation if applicable.

Note: Industry standards set the working load limit of wire rope or equivalent material at 1/5 of its nominal or breaking strength.

(b) Each wire rope or equivalent material shall be capable of being fully extended from and fully wound onto its drum. Each wire rope or equivalent material shall meet the industry standards for specified type of use with equipment.

Note: OSHA (1410.179 (h)(2iia)) requires **no less** than two wraps of rope remain on drum when rope is "fully extended." This is to ensure the full load **never** bears on the rope to drum connection.

(c) All wire rope or equivalent material meeting industry standards for specified type of use with equipment shall be 6 X 19 or 6 X 37 classification graded "extra improved plow steel" (XIP).

Notes: Documentation from the supplier must be kept on file showing the type of wire rope installed and the date of installation for each truck.

6 X 19 wire rope classification includes wire ropes with six strands having wire combinations from fifteen through twenty-six wires per strand but not more than twelve outer wires in each strand.

6 X 37 wire rope classification includes wire ropes with six strands having wire combinations from twenty-seven through forty-nine wires per strand but not more than eighteen outer wires in each strand.

(d) All wire rope shall be in good working order. The following industry standards for **out-of-service** criteria shall apply:

(i) No more than six randomly distributed broken wires in one rope lay, or more than three broken wires in one strand in one rope lay.

(ii) Excessive abrasion causing the loss of more than one-third the original diameter of an outside individual wire.

(iii) Evidence of rope deterioration from corrosion.

(iv) Kinking, crushing, or other damage that results in detrimental distortion of the rope structure.

(v) Any evidence of heat damage.

(vi) Any marked reduction in diameter either along the entire main length or in one section.

(vii) Unlaying or opening up of a tucked splice.

(viii) Core protrusion along the entire length.

(ix) End attachments that are cracked, deformed, worn, or loosened.

Note: Hooks must be replaced if the throat opening has increased beyond manufacturer recommendations, the load bearing point has been worn by ten percent, or the hook is twisted by more than ten degrees.

(x) Any indication of strand or wire slippage in end attachments.

(xi) More than one broken wire in the vicinity of fittings.

(e) Wire rope end connections shall be swaged or, if clamped, shall have a minimum of three forged clamps spaced a minimum of six rope diameters apart and attached with the base or saddle of the clamp against the longer or "live" end of the cable. The "U" bolt will be placed over the short or "dead" end of the rope and will be of the proper size for the cable being clamped.

Note: Wire rope clamps must be installed and torqued per manufacturer specifications.

(f) All wire rope related equipment, sheaves, etc., must conform to the diameter of the wire rope being used or to the original tow truck equipment manufacturer specifications.

(g) All winching equipment, booms, snatch blocks, etc., shall have permanently affixed durable factory identification, stating working load limit (WLL). If this identification has been removed or is no longer readable, it is criteria for placing the item out-of-service. Equipment may be reinspected by a recognized recertification company. If the equipment is acceptable, it may be reidentified with a working load limit (WLL) and a recertification company identifier.

(h) All block and tackle equipment used in the winching system which shows signs of permanent deformation, significant wear or damage is criteria for placing the item out-of-service.

(i) All "J" hook chain assemblies must be grade "7" chain or better.

(j) Safety chains must only be used for the securing of vehicles to the truck. Must be minimum grade "4" chain or meet the original manufacturer's recommendations.

(k) Comply with legal lighting, equipment, and license requirements.

(l) Portable tail, stop, and turn signal lights for vehicles being towed.

(m) Have department of licensing registration and truck numbers painted or permanently affixed to both sides of the truck. Have firm's name, city of address, and phone number permanently affixed to both sides of the vehicle. Letters must be a minimum of three inches high with one-half inch strokes.

(n) Have a revolving/intermittent red light with three hundred sixty degrees visibility. May also be equipped with flashing amber and/or white lights which may be used in conjunction with the red lamps. Must also be equipped with a warning light visible from the driver seat which is energized when the red revolving light or flashing amber lights are activated.

(o) Have a broom, minimum twelve inches wide, handle four feet long.

(p) Have a scoop type shovel, minimum seven inches wide, overall length minimum three feet long and a minimum of a three-gallon hard/solid sided receptacle (trash bags of any type will not meet this requirement) able to contain debris typically found at collision scenes without breaking.

(q) Be maintained in a reasonably clean condition.

(r) Have two tempered steel pinch bars or equivalent devices, one tapered and one flattened; one at least three feet long and one at least four feet long, with a minimum diameter of three-quarters of an inch.

(s) Have a two-way radio or mobile telephone system capable of communicating with a base station. A citizen band

radio does not suffice. A mobile telephone system is acceptable if:

- (i) The equipment is of a recognized and established manufacture and is properly installed.
- (ii) The equipment is in proper working order and functions correctly throughout the assigned tow areas.
- (iii) The equipment does not utilize a siren to signal incoming calls.
- (iv) The equipment is used in a correct and lawful manner.
- (t) Have one 20 BC rated or two 10 BC rated fire extinguishers.

(u) Axle weight must comply with the requirements of RCW 46.37.351.

(2) **Class "A" tow trucks:** Trucks that are capable of towing and recovery of passenger cars, pickup trucks, small trailers, or equivalent vehicles. Class "A" tow trucks shall meet the requirements of subsection (1)(a) through (u) of this section and in addition shall have:

- (a) A ten thousand minimum manufacturer's gross vehicle weight rating.
- (b) Dual tires on the rear axle.
- (c) A minimum of one hundred feet of three-eighths inch continuous length XIP wire rope on each drum, measured from the point of attachment at the drum to the hook.
- (d) A minimum six-ton boom rating with single or dual booms. Dual winches to control a minimum of two service drums.
- (e) A minimum of two snatch blocks.
- (f) A tow sling or other comparable device made of material and used in such manner so as to protect vehicles being towed or recovered.
- (g) A portable dolly or its equivalent for hauling vehicles that are not otherwise towable.
- (h) If equipped with a wheel lift system, it must have a fully extended working load rating of at least three thousand pounds and a seven thousand pound tow rated capacity.

(i) A minimum of one ten-foot or two five-foot recovery chains used in the winching system and must be minimum grade "7" chain with matching fittings.

(3) **Class "B" tow trucks:** Trucks that are capable of towing and/or recovery of medium size trucks, trailers, motor homes, or equivalent vehicles. Class "B" tow trucks shall meet the requirements of subsection (1)(a) through (u) of this section and in addition shall have:

- (a) Seventeen thousand pounds minimum manufacturer's gross vehicle rating.
- (b) Minimum ten-ton boom rating, single or dual booms, with two independent winches and drums.
- (c) A minimum of one hundred feet of seven-sixteenths inch continuous length XIP wire rope on each drum, measured from points of attachment at the drum to the hook.
- (d) Minimum of four standard release tools (caging stud assemblies).
- (e) A minimum of two snatch blocks.
- (f) A tow sling or other comparable device made of material and used in such manner so as to protect vehicles being towed or recovered.
- (g) A portable dolly or its equivalent for hauling vehicles that are not otherwise towable when the class B tow truck is being used for class A tows.

(h) If equipped with a wheel lift system, it must have a fully extended working load limit of at least six thousand pounds and a twenty thousand pound tow rated capacity when operating as a class B truck. May be equipped with a three thousand pound fully extended working load wheel lift system with a seven thousand pound tow rated capacity if operating as a class A truck.

(i) A minimum of one ten-foot or two five-foot recovery chains used in the winching system and must be grade "8" chain with matching fittings.

(4) Class B\*\* trucks are rated at 30,000 GVWR (or more) with air brakes. Class B\*\* trucks shall meet the requirements of subsection (1)(a) through (u) of this section and in addition shall have a minimum of one hundred fifty feet of seven-sixteenths inch continuous length XIP wire rope on each drum, measured from points of attachment at the drum to the hook.

Class B\*\* trucks shall also meet the requirements of subsection (3)(b), (d), (e), (f), (g), (h), and (i) of this section.

(5) **Class "C" tow trucks and class "C" rotator trucks:** Are trucks that are capable of towing and/or recovery of large trucks, trailers, buses, motor homes, or similar vehicles. Class "C" trucks shall meet the requirements of subsection (1)(a) through (u) of this section and in addition shall have:

- (a) A forty thousand pound manufacturer's gross vehicle weight rating or equivalent.
- (b) Tandem rear axle truck chassis (both drive axles).
- (c) A minimum of twenty-five-ton boom rating with single or dual booms. Dual winches to control a minimum of two service drums.
- (d) A minimum of one hundred fifty feet of nine-sixteenths inch continuous length XIP wire rope on each drum measured from the point of attachment at the drum to the hook.
- (e) Air brakes and a system capable of supplying air to towed vehicles.
- (f) A minimum of four standard release tools (caging stud assemblies).
- (g) If equipped with a wheel lift system, it must have a fully extended working load limit of at least twelve thousand pounds.

(h) A minimum of one ten-foot or two five-foot recovery chains used in the winching system and must be grade "8" chain with matching fittings.

(i) A tow sling or other comparable device used in such a manner as to protect the vehicle being towed or recovered.

(j) A minimum of two snatch blocks.

(6) **Class "D" tow trucks:** Trucks that are equipped for and primarily used as "wheel lift" trucks.

Class "D" trucks shall meet the requirements of subsection (1)(a) through (u) of this section and in addition shall have:

- (a) A wheel lift assemble with a fully extended manufacturer's working load limit of three thousand pounds and a seven thousand pound tow rated capacity.
- (b) One winch and drum with one hundred feet of three-eighths inch XIP wire rope meeting class "A" requirements.
- (c) One snatch block.

(d) A minimum of one five-foot recovery chain for use in the winching system and must be a minimum of grade "7" chain with matching fittings.

(7) **Class "E" tow trucks:** Trucks that are primarily designed and intended to transport other vehicles by loading the vehicle entirely onto the truck. These vehicles may be a flatbed, slide back, tilt bed, or rail design truck. Class "E" trucks shall meet the requirements of subsection (1)(a) through (u) of this section and in addition shall have:

(a) Four securing devices with a minimum working load limit of three thousand nine hundred pounds. The devices may be chain (minimum grade "7"), wire rope, nylon strap, or steel strap. The tie downs shall be attached to the axle or frame member of the transported vehicle both front and rear. All ends shall be secured to the truck bed or rail in a manner that will prevent movement of the transported vehicle. Factory style "T" hook tie-downs may also be used (front and rear).

(b) One snatch block.

(c) Dual tires on the rear axle.

(d) If used in a towing mode (as opposed to carrying), a sling, tow bar, and/or wheel lift assembly can be used and must have a manufacturers' rating appropriate to the vehicle being towed.

(e) Additional minimum requirements include:

- |   |                  |
|---|------------------|
| (i) Gross vehicle weight rating   | 14,500           |
| (ii) Purchased tonnage  | 14,500           |
| (iii) Winch rating  | 4 ton            |
| (iv) XIP wire rope  | 50 feet 3/8 inch |
| (v) One five-foot chain use in the winching system and must be a minimum of grade "7" chain with matching fittings. |                  |
| (vi) Car carrier (bed)  | 17 feet          |

Note: Bed may be shorter in a collapsed mode, but must be capable of telescoping to a minimum of seventeen feet.

(8) **Class "S" tow/recovery trucks:** Tow/recovery trucks that cannot meet the requirements of class "A," "B," "C," "D," or "E" and are not eligible for appropriate waiver as outlined in WAC 204-91A-070(4), may be approved as class "S" (special).

To have a truck designated as class "S" the tow operator must submit a request for approval through the district commander to the section. The written request shall indicate why the truck is needed, what it will be used for, its size, purchased tonnage (if appropriate), capability, and the equipment carried or used with the truck. Gross vehicle weight rating of the class "S" truck will determine the appropriate equipment required.

If the district commander approves the request, the request will be forwarded with recommendations for equipment and/or operation instructions or limitations to the patrol for review and final approval. If approval is granted, the equipment shall be inspected as outlined in WAC 204-91A-040 with reports forwarded in the normal manner.

Note: If the provisions of this section require a change in classification for a previously approved tow truck, such change may be made upon the next annual reinspection. In any case, all tow trucks shall be correctly classified within one year of adoption of these rules.

[Statutory Authority: RCW 46.37.005 and 46.55.115. 07-02-025A, § 204-91A-170, filed 12/22/06, effective 1/22/07. Statutory Authority: RCW (2009 Ed.)

46.37.005. 04-20-021, § 204-91A-170, filed 9/28/04, effective 10/29/04. Statutory Authority: RCW 46.37.005, 46.55.050, and 46.55.115. 02-07-056, § 204-91A-170, filed 3/15/02, effective 4/15/02. Statutory Authority: RCW 46.37.005 and 46.55.050. 94-18-083, § 204-91A-170, filed 9/2/94, effective 10/3/94. Statutory Authority: RCW 46.35.005 [46.37.005]. 89-14-015 (Order 89-04-ESR), § 204-91A-170, filed 6/23/89.]

**WAC 204-91A-180 Vehicle towing/operator qualifications, restrictions, and requirements.** In addition to the requirements contained in WAC 204-91A-170, tow truck operators appointed pursuant to this chapter shall conform to all laws and administrative rules pertaining to the tow industry and shall observe the following practices and procedures:

(1) When called by the patrol, the tow truck operator will dispatch a tow truck, from within the assigned zone, within five minutes during normal business hours. Tow trucks must be registered to and belong to the particular tow business that is called and assigned to that tow zone only. If the officer at the scene deems it necessary, additional assistance may be authorized from a registered tow truck operator outside of the tow zone.

(2) Tow trucks dispatched at the request of the patrol after normal business hours will be on the move within the assigned zone within fifteen minutes after receiving the call.

(3) The tow truck that is dispatched will arrive at the stated location within a reasonable time considering distance, traffic, and weather conditions.

(4) If for any reason a tow operator is unable to dispatch a tow truck within the stated time or if the dispatched truck will be delayed for any reason, the operator shall so advise the patrol stating the reason and estimated time of arrival. In the event the tow truck fails to arrive at the scene within a reasonable time, the patrol will contact another tow operator to respond to the scene and will cancel the original tow.

(5) A tow operator on rotation who is unable to dispatch or arrive within the times stated in subsections (1), (2), (3), and (4) of this section will forfeit his turn and be placed at the bottom of the rotation list as if he had responded.

(6) Consistent refusal or failure of the appointee to respond to calls from the patrol for towing services and/or to provide the requested services may result in the suspension or revocation of the tow operator's letter of appointment.

(7) The tow operator shall advise the appropriate patrol office when the tow company is temporarily unavailable to respond to rotational calls with a class "A," "B," or "C" tow truck. Unavailability may occur due to conditions such as, but not limited to, other tow truck commitments, tow truck disabled and/or under repair, unforeseen driver shortage due to illness, etc. The period of unavailability may last less than an hour or much longer. The tow operator will give the reason for unavailability and approximately when the company will be available to respond to calls.

The tow company will be removed from the rotational list and will not be called until the operator advises the patrol that the company is once again able to respond to calls with an "A," "B," or "C" class truck. In all such cases, the tow company will resume its normal position on the rotational list without regard to any missed calls or its position prior to being unavailable.

(8) The tow operator will advise the patrol whenever a private call is received for a tow with circumstances that indicate that the tow is for a vehicle which has been involved in a

collision, incident, or equipment breakdown on the public roadway. The tow operator also will advise the patrol of all private calls to motor vehicle collisions on private property resulting in bodily injury or death.

(9) The tow operator will notify the patrol before moving any vehicle involved in a collision on a public highway under the jurisdiction of the patrol as defined in the motor vehicle code, Title 46 RCW, or where it appears that the driver of the vehicle to be moved is under the influence of intoxicants or drugs, or is otherwise incapacitated.

Other than a service patrol established and funded by the department of transportation, a tow operator shall not solicit tow or roadside services by patrolling the public roadways searching for disabled vehicles or vehicles involved in a traffic collision.

(10) When the patrol is in charge of a collision scene or other such incident, a tow operator shall not respond to such scene unless his services have been specifically requested by the patrol, the driver/owner, or his agent.

(11) The tow operator shall be available, or will ensure that specific employees are available, twenty-four hours a day for the purpose of receiving calls or arranging for the release of vehicles. Business hours will be posted conspicuously at the operator's place of business so they can be seen during business hours and nonbusiness hours. A copy will also be sent to the section and patrol district commander of the district in which the tow operator does business. Changes of business hours will be sent to the department, the section, and the patrol district commander ten days before their effective date.

(12) The operator shall post a current copy of tow and storage rates, on a form approved by the department and the patrol, in the following locations:

(a) At the entrance to the place of business, in a conspicuous location, plainly visible and readable by members of the public, whether the business is open or closed. If, in order to meet this requirement, the rate sheets must be placed in a location, exposed to the elements, they shall be protected so as to remain legible.

(b) Inside the business location, where business is commonly transacted. The rate sheets shall be posted in such manner as to be clearly and plainly visible and readable at all times by customers of the business.

(c) A copy of the current rates will be sent to the department, the section, and the patrol district commander of the district in which the tow operator has applied for a letter of appointment. Notice of any change(s) in service rates will be forwarded to the department, the section, and the district commander of the area ten days before the effective date of the changes. Charges made for towing services arising from calls initiated by the patrol shall be consistent with current posted towing rates and shall be based only upon services listed on the prescribed form.

(d) In the event that an operator has only a class "B" truck and utilizes it for class "A" and "B" type tows, the operator shall file a rate sheet that specifies the rates charged for the different types of tows.

Whenever any operator utilizes a larger truck than the towed vehicle warrants, the operator shall charge fees based on the size of the towed vehicle not the size of the truck used.

Example: A class "C" truck is used, at the operator's discretion, to tow a class "B" size vehicle. The fees charged shall be those for a class "B" truck NOT a class "C."

(13) Charges made for towing services arising from calls initiated by the patrol shall not exceed the maximum rates established by the chief.

(14) Unless other arrangements are made with commissioned patrol personnel at the scene, all impounded vehicles shall be taken to the tow operators nearest approved storage location.

(15) The tow operator will maintain, for three years, records on towed and released vehicles which were towed at the request of the patrol. This record will include, but not be limited to:

(a) An itemized receipt of all charges for the services provided.

(b) An inventory sheet or copy thereof made out by the trooper at the scene of the tow and signed by the operator.

(c) All other records required by the department.

Such records will be available for inspection by the patrol during normal business hours at the operator's place of business.

(16) The tow operator will sign an inventory sheet made out by the patrol officer at the scene.

(17) Tow operators will obtain and maintain current registration as a licensed tow truck operator pursuant to RCW 46.55.020.

(18) Tow operators shall perform towing tasks competently. The standard of competence shall be that quality of work which is accepted as efficient and effective within the towing industry.

(19) No tow operator, employee, or agent shall misappropriate, wrongfully convert to his/her own use, or abuse property belonging to another and entrusted to his/her care or storage.

(20) Tow truck operators will use emergency lights to warn other motorists only when at the scene of collisions, disabled vehicles, and/or recoveries. Such lighting shall not be used when traveling to or from the scene.

Tow truck operators whose duties are performed in areas and under circumstances where they are exposed to the danger of moving vehicles shall wear work vests of highly visible materials, or equivalent distinguishing apparel as outlined in department of labor and industries, WAC 296-155-200(5).

(21) Tow truck operators shall be responsible for cleaning collision/incident scenes of all vehicle glass and debris.

(22) Specific operating restrictions and/or requirements, by truck class, are as follows:

(a) The standard air brake release tools (caging stud assemblies) required to be carried in the class "B" and "C" trucks shall be used, whenever necessary, to preserve potential evidence involving brake equipment or adjustment settings. When an operator is attempting to move a vehicle equipped with locked spring parking brakes that cannot be released by external air supply, the caging assemblies shall be used to release the brake tension. Under no circumstances shall the towed vehicle's brake assemblies or adjustments be moved or disturbed in any way that will prevent later determination of the precollision or incident settings.



(b) Class "B" trucks in excess of twenty-three thousand pounds gross vehicle weight rating need not carry dollies when towing or recovering heavy vehicles.

(c) Class "D," "E," and "S" trucks shall not be used to respond to initial calls unless specifically authorized by patrol personnel at the scene or by local written policy approved by the district commander.

(d) Class "E" trucks shall:

(i) Have, when used for multiple vehicle towing/recovery (one on bed, one in tow) from the same location, all invoice charges evenly divided between the vehicles so transported;

(ii) Not be operated in excess of either gross vehicle weight rating or purchased tonnage weight limits;

(iii) Be required to carry its portable lights only when used in a towing mode.

(23) Whenever a "special event or overflow" storage lot is approved by the department, the patrol and appropriate city/county jurisdictions, the operator shall maintain personnel at the lot twenty-four hours per day for security and vehicle and/or personal property release. If necessary, reimbursement for such labor shall be part of the contract for the "special event" if appropriate or by amended storage rates with a waiver of the ten-day rate change notice requirement approved by the department and the patrol.

At the conclusion of a "special event or overflow" situation, all vehicles not reclaimed by the owner shall be towed to the operator's regular storage facility and processed in the normal fashion. No additional fee shall be charged for towing the vehicle from the overflow lot to the regular facility.

(24) All work performed by the operator and/or employee shall be in the most professional and expeditious manner. All invoices and other required forms shall be completed accurately and promptly.

(25) Tow operators shall, when required by the patrol or the department, cause to be displayed on each approved truck, decals indicating truck class, patrol district, and/or assigned tow zone.

[Statutory Authority: RCW 46.37.005 and 46.55.115. 07-02-025A, § 204-91A-180, filed 12/22/06, effective 1/22/07. Statutory Authority: RCW 46.37.005, 46.55.050, and 46.55.115. 02-07-056, § 204-91A-180, filed 3/15/02, effective 4/15/02. Statutory Authority: RCW 46.37.005 and 46.55.050. 94-18-083, § 204-91A-180, filed 9/2/94, effective 10/3/94. Statutory Authority: RCW 46.61.567, 89-21-044, § 204-91A-180, filed 10/13/89, effective 11/13/89. Statutory Authority: RCW 46.35.005 [46.37.005]. 89-14-015 (Order 89-04-ESR), § 204-91A-180, filed 6/23/89.]

## Chapter 204-93 WAC ASSISTANCE VANS

### WAC

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(2009 Ed.)

204-93-150 Record of assistance furnished.  
204-93-160 Driver's clothing.

**WAC 204-93-010 Authority.** This rule is promulgated pursuant to RCW 47.52.120 and 46.37.005.

[Statutory Authority: RCW 47.52.120. 90-18-049, § 204-93-010, filed 8/30/90, effective 9/30/90. Statutory Authority: RCW 47.52.120 and 46.37.-005. 85-20-090 (Order 002-85), § 204-93-010, filed 10/1/85.]

**WAC 204-93-020 Purpose.** The purpose of this regulation is to provide minimum standards and operating regulations for assistance vans.

[Statutory Authority: RCW 47.52.120. 90-18-049, § 204-93-020, filed 8/30/90, effective 9/30/90. Statutory Authority: RCW 47.52.120 and 46.37.-005. 85-20-090 (Order 002-85), § 204-93-020, filed 10/1/85.]

**WAC 204-93-030 Definitions.** (1) **Assistance van:** A vehicle that has been approved by the state patrol to provide aid, free of charge, to vehicles with equipment or fuel problems. An assistance van will be referred to as "van" in this regulation.

(2) **ESR:** Equipment and standards review section of the Washington state patrol.

(3) **Patrol:** Shall mean the Washington state patrol as defined in RCW 43.43.010.

(4) **District commander:** Shall mean the commanding officer of a Washington state patrol district.

(5) **Inspector:** Shall mean a commissioned officer of the Washington state patrol who has been designated by his/her district commander to conduct inspections of assistance vans.

(6) **Owner:** Shall mean the legal owner of the assistance van.

(7) **Operator:** Shall mean the person(s) or firm so named in the letter of appointment, who operates the assistance van.

(8) **Driver:** Shall mean the person who drives the van and furnishes the actual service.

(9) **Highway:** Means the entire width between the boundary lines of every way publicly maintained when any part thereof is open to the use of the public for purposes of vehicular travel.

(10) **Letter of appointment:** Shall mean the document issued by the ESR that authorizes the assistance van to operate within this state.

[Statutory Authority: RCW 47.52.120. 90-18-049, § 204-93-030, filed 8/30/90, effective 9/30/90. Statutory Authority: RCW 47.52.120 and 46.37.-005. 85-20-090 (Order 002-85), § 204-93-030, filed 10/1/85.]

**WAC 204-93-040 Driver standards.** (1) The driver's minimum age is to be 21 years.

(2) Driver shall possess a valid first-aid card.

(3) Driver shall possess a valid Washington operator's license.

(4) Driver shall not have a previous felony conviction and shall agree to submit to a no fee criminal background investigation by the patrol by submitting a completed fingerprint card with the required application.

[Statutory Authority: RCW 47.52.120. 90-18-049, § 204-93-040, filed 8/30/90, effective 9/30/90. Statutory Authority: RCW 47.52.120 and 46.37.-005. 85-20-090 (Order 002-85), § 204-93-040, filed 10/1/85.]

**WAC 204-93-050 Van standards.** (1) The minimum size vehicles shall be a half-ton rated van or pickup truck.

(2) The van shall be equipped with adequate front push-bars of a design that protects the finish of any vehicle being pushed.

(3) The van shall not have towing capabilities.

(4) The primary sponsor or operator's name, address, and telephone number shall be painted on both sides of the vehicle in a contrasting color. The lettering shall be at least 3 inches in height with a 3/4 inch stroke. Other sponsors may be shown in smaller lettering.

(5) The words "assistance van" shall be painted on the front and rear of the van. The size of the lettering shall be the same as the primary sponsor's or operator's name.

(6) The van shall have the capability to jump start another vehicle without going the wrong direction on the highway.

(7) The van shall have the ability to transfer fuel.

(8) The van shall be maintained in a clean and neat manner.

(9) The van shall be equipped with an approved light bar that displays amber lighting in a 360° radius. The amber lights shall be used only at the scene of a disabled vehicle or when a disabled vehicle is being pushed from the travel lane to the nearest shoulder of the highway.

[Statutory Authority: RCW 47.52.120. 90-18-049, § 204-93-050, filed 8/30/90, effective 9/30/90. Statutory Authority: RCW 47.52.120 and 46.37.-005. 85-20-090 (Order 002-85), § 204-93-050, filed 10/1/85.]

**WAC 204-93-060 Two-way communications requirements.** The van shall have:

(1) The capability to monitor channel 9 of the citizen's band radio.

(2) Two-way mobile communications with a base station. A CB radio is not adequate for this communication. A mobile telephone system is acceptable if:

(a) The equipment is of a recognized and established manufacture and is properly installed.

(b) The equipment is in proper working order and functions correctly throughout the assigned area of operation.

(c) The equipment does not utilize the truck horn or a siren or other sound device to signal incoming calls.

(d) The equipment is used in a correct and lawful manner.

(3) A public address system.

Note: Communication headsets shall not be used while the van is in motion.

[Statutory Authority: RCW 47.52.120. 90-18-049, § 204-93-060, filed 8/30/90, effective 9/30/90. Statutory Authority: RCW 47.52.120 and 46.37.-005. 85-20-090 (Order 002-85), § 204-93-060, filed 10/1/85.]

**WAC 204-93-070 Equipment requirements.** The van shall be equipped with the following items:

(1) Floor jack - 2-1/2 ton rating.

(2) Portable tank of compressed air with a minimum capacity of 100 pounds of compressed air.

(3) One 36 unit first-aid kit or larger.

(4) One 20 BC rated fire extinguisher or two 10 BC rated fire extinguishers.

(5) Mechanics tools for minor repairs.

(6) Five-gallon container of water.

(7) Six red traffic cones.

(8) One case of 20-minute fuses.

[Statutory Authority: RCW 47.52.120. 90-18-049, § 204-93-070, filed 8/30/90, effective 9/30/90. Statutory Authority: RCW 47.52.120 and 46.37.-005. 85-20-090 (Order 002-85), § 204-93-070, filed 10/1/85.]

**WAC 204-93-080 Insurance requirements.** Each van shall be covered with the following minimum insurance coverage:

(1) One hundred thousand dollars of legal liability per occurrence to protect against vehicle damage.

(2) Two hundred fifty thousand dollars for liability for bodily injury or property damage per occurrence.

(3) Proof of insurance shall be filed with the ESR section of the patrol. Failure to maintain the required coverage shall result in immediate cancellation of the letter of appointment by the state patrol.

[Statutory Authority: RCW 47.52.120. 90-18-049, § 204-93-080, filed 8/30/90, effective 9/30/90. Statutory Authority: RCW 47.52.120 and 46.37.-005. 85-20-090 (Order 002-85), § 204-93-080, filed 10/1/85.]

**WAC 204-93-090 Application for letter of appointment.** (1) An application for a letter of appointment to operate an assistance van shall be filed with the ESR on a form prescribed and furnished by the state patrol.

(2) The application shall include a completed fingerprint card for the applicant and each person who operates and/or drives the van.

(3) The application will be assigned a docket number which shall be its permanent identification number for all matters relating to appointments.

[Statutory Authority: RCW 47.52.120. 90-18-049, § 204-93-090, filed 8/30/90, effective 9/30/90. Statutory Authority: RCW 47.52.120 and 46.37.-005. 85-20-090 (Order 002-85), § 204-93-090, filed 10/1/85.]

**WAC 204-93-100 Inspections and approval decals.** Upon receipt of an application for a letter of appointment, the patrol will conduct an inspection of the applicant's van, to determine if the applicant qualifies for the issuance of a letter of appointment.

(1) After a letter of appointment has been issued, the state patrol will cause to be affixed to each qualified van a window decal indicating that it has been approved by the state patrol.

The decal will be furnished by the state patrol and affixed to the windshield on the lower right hand corner by the inspector.

(2) Reinspections of approved vans will be conducted at least once a year.

(a) Upon subsequent inspections, the inspector may remove the decal from the van if it is no longer found to be qualified, subject to the following procedures:

(i) In the event of a safety-related defect which would render the van a safety hazard upon the public highway, the decal may be removed immediately by the inspector. Upon a protest by the operator that the defect does not represent a safety hazard, the decal may not be removed until such time as the defect is verified as a safety hazard by the inspector's supervisor.

(ii) In the event of missing or defective equipment which is not a safety hazard but is required for initial approval, the

inspector shall issue a correction notice for the defect. If after ten days the operator fails or refuses to repair the defect, the decal may be removed.

(iii) Upon repair of a defect which has previously caused removal of a decal, the inspector shall reinspect the equipment which had been defective. If the specified corrections have been satisfactorily completed, the inspector shall reapply another decal to the windshield. In the event that the inspector is not readily available to reinspect and reapply the decal, such other patrol officer as may be appointed by the patrol may reinspect and reapply the decal. The reinspection and reapplication shall be done as soon as possible after the operator advises that the defect has been repaired.

(b) Upon termination of a letter of appointment, the decal will be immediately removed and the letter of appointment retrieved by the state patrol.

(c) Upon sale or other transfer of the van from the business, the operator shall so advise the ESR and shall remove the decal prior to the sale or transfer of the vehicle.

(d) Upon the purchase or acquisition of any additional van to be used pursuant to this chapter, the operator shall immediately notify the ESR and request an inspection of the new unit by the patrol.

[Statutory Authority: RCW 47.52.120. 90-18-049, § 204-93-100, filed 8/30/90, effective 9/30/90. Statutory Authority: RCW 47.52.120 and 46.37.-005. 85-20-090 (Order 002-85), § 204-93-100, filed 10/1/85.]

**WAC 204-93-110 Certification.** After inspection of the van, driver qualifications, and required equipment, the inspecting officer will certify one of the following:

(1) The van operation of the applicant fully conforms to the requirements established by this rule.

(2) The van operation of the applicant does not fully conform to the requirements. The deficiencies shall be listed on the inspection form. The operator will be informed of the deficiencies by the inspector. The operator may reapply to the inspector or the ESR when he/she has corrected the deficient areas and request another inspection.

Upon certification of compliance by the inspector and after all other requirements of this regulation have been met, the ESR will issue a letter of appointment to the applicant.

A copy of the current letter of appointment shall be posted in the place of business of the applicant.

Failure of the operator to comply with any of the various regulations in this chapter may result in cancellation of the operator's letter of appointment by the ESR.

[Statutory Authority: RCW 47.52.120. 90-18-049, § 204-93-110, filed 8/30/90, effective 9/30/90. Statutory Authority: RCW 47.52.120 and 46.37.-005. 85-20-090 (Order 002-85), § 204-93-110, filed 10/1/85.]

**WAC 204-93-120 Free service.** All services provided to a disabled motorist at the location of the disablement shall be free. This will include any vehicle repair parts that may be furnished by the operator.

[Statutory Authority: RCW 47.52.120 and 46.37.005. 85-20-090 (Order 002-85), § 204-93-120, filed 10/1/85.]

**WAC 204-93-130 Notification to law enforcement agencies.** The appropriate law enforcement agency will be notified under the following circumstances:

- (1) Motor vehicle accidents

(2009 Ed.)

- (2) Ill or incapacitated motorists

- (3) Intoxicated motorists

(4) If a disabled vehicle is to be left on the highway shoulder and the driver is to be transported away from the scene.

[Statutory Authority: RCW 47.52.120 and 46.37.005. 85-20-090 (Order 002-85), § 204-93-130, filed 10/1/85.]

**WAC 204-93-140 Restrictions to van operation and movement on highway.** (1) No traveling in high-occupancy vehicle lane unless responding to a disabled vehicle.

(2) No wrong direction travel on highway or on/off ramps of highway.

(3) A disabled vehicle will be pushed only to the nearest highway shoulder area.

(4) Disabled vehicles will not be towed for any distance.

(5) All "rules of the road" as defined by RCW 46.61 shall be obeyed with the exception of RCW 46.61.570 and 46.61.-575 as they relate to stopping, standing, or parking restrictions on public highways.

(6) RCW 47.52.120 shall be obeyed, except section (5) as it relates to the stopping or parking of a vehicle on a limited access highway facility.

[Statutory Authority: RCW 47.52.120 and 46.37.005. 85-20-090 (Order 002-85), § 204-93-140, filed 10/1/85.]

**WAC 204-93-150 Record of assistance furnished.**

Each van operator shall maintain a permanent daily log or record of all assistance furnished to disabled motorists. These records shall be made available to the inspector or ESR upon request. This record shall include, but is not limited to, the following items:

(1) Van driver's name

(2) Location and time of assistance

(3) Vehicle license number of vehicle assisted

(4) Type of assistance given

(5) Date and time of day that van is placed in service and taken out of service.

[Statutory Authority: RCW 47.52.120. 90-18-049, § 204-93-150, filed 8/30/90, effective 9/30/90. Statutory Authority: RCW 47.52.120 and 46.37.-005. 85-20-090 (Order 002-85), § 204-93-150, filed 10/1/85.]

**WAC 204-93-160 Driver's clothing.** The van driver will wear clothing that identifies the operator or primary sponsor.

(1) The driver will wear a legible name tag.

(2) Clothing will be maintained in presentable and clean manner.

[Statutory Authority: RCW 47.52.120 and 46.37.005. 85-20-090 (Order 002-85), § 204-93-160, filed 10/1/85.]

**Chapter 204-95 WAC  
LIMOUSINE BUSINESSES**

**WAC**

204-95-030

204-95-080

Fees.

Annual inspections, safety of equipment.

**WAC 204-95-030 Fees.** The master license service of the department of licensing, as authorized in RCW 46.72A.-

030 and 46.72A.090, shall charge and collect the following fees on behalf of the Washington state patrol:

Fees listed in WAC 308-87-060  
 Initial and Annual Limousine Vehicle Safety Inspection \$25.00  
 Background Check Fees as set in WAC 446-20-600

When required for a limousine carrier business license applicant, licensee, or limousine chauffeur, the background check shall consist of a fingerprint card based criminal background search at the state level conducted by the Washington state patrol identification section.

[Statutory Authority: RCW 46.37.005. 02-21-001, § 204-95-030, filed 10/2/02, effective 11/2/02. Statutory Authority: RCW 46.72A.030. 97-03-127, § 204-95-030, filed 1/22/97, effective 2/22/97.]

**WAC 204-95-080 Annual inspections, safety of equipment.** Upon the request of a limousine carrier business license applicant or licensee applying for the initial issuance, or annual renewal of their limousine vehicle certificate(s) with the department of licensing, the Washington state patrol shall conduct a safety inspection of the vehicle(s) to be used in the limousine service. Applicants and licensees must present their limousine vehicle(s) at a Washington state patrol inspection site, by appointment, Monday through Friday between the hours of 8:00 a.m. and 5:00 p.m. The limousine vehicle must pass the inspection to qualify for initial issuance or renewal of the limousine vehicle certificate by the department of licensing. The vehicle inspection will consist of the following:

(1) All standard equipment for vehicles will be checked to include brake systems, functional brake performance test, wheel systems, steering and suspension, fuel system, exhaust system, lighting and signal system, visibility system, body components, interior condition and cleanliness.

(2) Upon successful completion of the safety inspection, the licensee will be given a copy of the inspection form to submit to department of licensing. Upon receipt and approval of all licensing documents and fees, the master license service will issue a decal to the limousine carrier business licensee for each limousine vehicle to be placed on the vehicle's right rear bumper.

[Statutory Authority: RCW 46.37.005. 02-21-001, § 204-95-080, filed 10/2/02, effective 11/2/02. Statutory Authority: RCW 46.72A.030. 97-03-127, § 204-95-080, filed 1/22/97, effective 2/22/97.]

## Chapter 204-96 WAC VEHICLE IMPOUNDS

**WAC**  
204-96-010 Vehicle impounds.

**WAC 204-96-010 Vehicle impounds.** When a driver of a vehicle is arrested for a violation of:

RCW 46.61.502	Driving under the influence,
RCW 46.61.504	Physical control of vehicle under the influence,
RCW 46.20.342	Driving while license suspended or revoked,

Driving under other license/permit while license suspended or revoked,

the arresting officer may, in his/her own discretion, considering reasonable alternatives, cause the vehicle to be impounded. When an arrest is made for violation of RCW 46.20.342 and the vehicle is a commercial vehicle, the driver of the vehicle is not the owner of the vehicle, the owner was not in the vehicle at the time, and the owner has not received a prior release under RCW 46.55.113(3) or 46.55.120 (1)(a)(ii), prior to impounding the vehicle the officer shall attempt in a reasonable and timely manner to contact the owner of the vehicle and may release the vehicle to the owner if the owner is reasonably available.

If the driver is arrested for a violation of RCW 46.20.342 (1)(c) (3rd degree suspended/revoked) and has no convictions for violations of RCW 46.20.342 in the past five years, the vehicle may be impounded, but no suspended driver hold shall be placed on the vehicle. If the driver is also the registered owner then the vehicle shall be held until all outstanding penalties, fines, and forfeitures owed by him/her are satisfied. The driver/registered owner must present proof from a court of law that he/she has no outstanding penalties, fines, or forfeitures.

If the driver is arrested for a violation of RCW 46.20.342 (1)(c) (3rd degree suspended/revoked) and has any prior convictions for violations of RCW 46.20.342 in the past five years, the vehicle may be held for thirty days.

If the driver of the vehicle is arrested for a violation of RCW 46.20.342 (1)(a) or (b) (1st or 2nd degree suspended/revoked) and has no convictions for violations of RCW 46.20.342 in the past five years, the vehicle may be held for thirty days.

If the driver of the vehicle is arrested for a violation of RCW 46.20.342 (1)(a) or (b) (1st or 2nd degree suspended/revoked) and has been convicted of a violation of RCW 46.20.342 (1)(a) or (b) in the past five years, the vehicle may be held for sixty days.

If the driver of the vehicle is arrested for a violation of RCW 46.20.342 (1)(a) or (b) (1st or 2nd degree suspended/revoked) and has been convicted of a violation of RCW 46.20.342 (1)(a) or (b) two or more times in the past five years, the vehicle may be held for ninety days.

The release of all vehicles impounded under this WAC shall be governed by RCW 46.55.120. Commercially rented vehicles may be impounded, however no suspended driver holds shall be placed upon these vehicles. The rental company shall be notified by phone.

A vehicle may be released prior to the hold period upon a showing of economic or personal hardship to the spouse of the operator, taking into consideration public safety factors, including the operator's criminal history and driving record; or that the owner of the vehicle was not the driver, the owner did not know that the driver's license was suspended or revoked, and the owner has not received a prior release under RCW 46.55.120 (1)(a)(ii) or 46.55.113(3). Release shall be denied in all other circumstances. All release requests shall be in writing. Any denial or approval of a release shall be in writing and shall include factors considered by the impounding agency in reaching the decision.

A uniform Washington state tow/impound and inventory record form is available through the office of the state printer.

[Statutory Authority: RCW 46.55.190. 04-07-012, § 204-96-010, filed 3/4/04, effective 4/4/04. Statutory Authority: RCW 46.55.113 and 46.55.-120. 01-05-098, § 204-96-010, filed 2/20/01, effective 3/23/01; 00-18-006, § 204-96-010, filed 8/24/00, effective 8/24/00; 99-18-026, § 204-96-010, filed 8/24/99, effective 9/24/99.]