(e) Registrants may advertise professional services in a way that does not contain self-laudatory or misleading language.

(1) Registrants shall not participate in a selection process or be employed in an assignment where said selection was awarded by a process determined to be in violation of chapter 39.80 RCW.

(6) Registrants shall continue their professional development throughout their careers, and shall provide opportunities for the professional development of those individuals under their supervision.

(7) Registrants shall respond to any legal request for information by the board and/or appear before the board in the time frame established by the board or their staff designee.

[Statutory Authority: RCW 18.43.035. 87-13-005 (Order PM 606), § 196-27-020, filed 6/4/87; 84-04-027 (Order PL 454), § 196-27-020, filed 1/25/84.]

Title 204 WAC
EQUIPMENT, COMMISSION ON

Chapters
204-08 Practice and procedure.
204-36 Authorized emergency vehicle permits.
204-38 Flashing amber lamps.
204-40 Green lights on firemen’s private cars.
204-50 Ignition interlock breath alcohol devices.
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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.

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 7/27/78; 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.

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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 petitioning 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."

(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.

(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 204-08-060 Procedure.

WAC 204-08-070 Revocation or suspension.

WAC 204-36-010 Promulgation. The state patrol hereby adopted 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.]

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 of 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 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 specific purposes for which the vehicle shall be used as an authorized emergency vehicle.

(c) An explanation of the nature and scope of the duties, responsibilities and authority of the vehicle operator which necessitate the vehicle's registration as an authorized emergency vehicle.

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

(e) 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.

(f) Certification by 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 to be used as an authorized emergency vehicle, that a need exists in such jurisdiction for the vehicle to be used as described in the application and that he knows of no reason why the application should be denied. The patrol may issue emergency vehicle permits to vehicles which operate throughout the state, and such permit may be

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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.

(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.

WAC 204-36-050 Equipment required. 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 Federal Motor Vehicle Safety Standards, or, if none,
(2) Conformance to current standards and specifications of the Society of Automotive Engineers, or, if none,
(3) 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.

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

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. Section, 6604 Martin Way, Mailstop PQ-11, Olympia, Washington 98504. 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 last ten years preceding the date of the application and if 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.

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.
Chapter 204-38 WAC
FLASHING AMBER LAMPS

WAC 204-38-010 Promulgation. By authority of RCW 46.37.005 and 46.37.280, the state patrol hereby adopts the following regulation pertaining to the use of flashing amber lamps on motor vehicles.


WAC 204-38-050 Use of lamps. Flashing amber lamps shall be used on the vehicles described in WAC 204-38-040 only 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 shall not be illuminated while traveling to or from the site of operations. For the purposes of tow truck operations, the site of operations shall be only that place where vehicles are attached to or detached from the tow truck. Lamps on pilot cars shall be illuminated only while the vehicle is actually providing escort service.

Nothing in this chapter shall relieve the operator of any vehicle from displaying any other light or warning device required by statute or regulation, and nothing herein shall permit any vehicle operator to disregard any traffic law. 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 Federal Motor Vehicle Safety Standards, or, if none,
2. Conformance to current standards and specifications of the Society of Automotive Engineers, or, if none,
3. 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.


Chapter 204-40 WAC
GREEN LIGHTS ON FIREMEN'S PRIVATE CARS

WAC 204-40-010 Promulgation. By authority of RCW 46.37.005 and 46.37.185, the state patrol hereby adopts the following regulation pertaining to the use of green lamps on firemen's private cars.

[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.]

WAC 204-40-030 Standard. The green light shall be visible for a distance of two hundred feet under normal atmospheric conditions and the maximum light projected in any one direction shall not exceed 300 candle power.

Mounting. Vertical mounting of the lamp shall be no less than 24 inches above the level surface upon which the vehicle stands, or may be placed on the forward portion of the top above the windshield.

The lateral mounting of the lamp shall be anywhere from the center of the vehicle to the left side thereof.

Approved equipment. 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 Federal Motor Vehicle Safety Standards, or, if none,
2. Conformance to current standards and specifications of the Society of Automotive Engineers, or, if none,
3. 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.

[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.]

Chapter 204-50 WAC
IGNITION INTERLOCK BREATH ALCOHOL DEVICES

WAC 204-50-010 Authority. This chapter is promulgated pursuant to RCW 46.37.005 and chapter 247, Laws of 1987.

[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 chapter 247, Laws of 1987.

[Statutory Authority: 1987 c 247. 88-01-020 (Order 87-05-ESR), § 204-50-020, filed 12/9/87.]

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WAC 204-50-030 Definitions for words or terms used in 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.

Breath alcohol concentration (BAC) – The weight amount of alcohol contained in a unit volume of breath, measured in grams Ethanol/210 liters of breath and expressed as %, grams % and % BAC. Breath alcohol concentration shall be expressed as % BAC."

Court (or originating court) – The particular Washington state court that has required the use of an ignition interlock breath alcohol device by a particular individual.


Chief – The chief of the Washington state patrol.

Device – An ignition interlock breath alcohol device.

ESR – The equipment and standards review section of the Washington state patrol.

Interlock – The state in which a motor vehicle is prevented from starting by a device.

Lessee – The person ordered by a court to drive only vehicles which have certified devices installed.

Manufacturer – The person, company, or corporation who produces the device, or a recognized representative.

OAC – The office of administrator for the courts.

WAC 204-50-040 Testing and certification process. To be certified, a device must meet or exceed the minimum test standards listed in this chapter. 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 chapter 204-50 WAC. 

Signed

A list of laboratories performing the required tests shall be maintained by the ESR.

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 shall issue a letter of certification for the device. A copy of each certification letter will be forwarded to OAC. 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, or calibration of the device;

(2) Notice of cancellation of manufacturer's liability insurance is received; and

(3) Notification that the manufacturer is no longer in business.

Unless necessary for the immediate good and welfare of the public, revocation shall be effective ten days after manufacturer's receipt of notice, which shall be sent via certified mail, return receipt requested. A copy of each notice of revocation shall be provided to OAC and lessees utilizing the revoked device with notice to contact the manufacturer for a replacement.

Upon voluntary surrender, or revocation of a letter of certification for a manufacturer's device, all like devices shall be removed and replaced. Manufacturers may request a review of revocation. Such request shall be submitted to the chief, in writing, within twenty days of revocation.

The ESR shall maintain a file of all existing letters of certification.

WAC 204-50-050 Test specifications. The purpose of these test specifications is to establish the accuracy and reliability of ignition interlock breath alcohol devices only. This shall be accomplished by performing no less than twenty tests utilizing simulators containing the alcohol solutions of known concentrations.

EQUIPMENT AND SOLUTIONS

Equipment and procedures list:

(1) Simulators.

(a) The simulator will be clean.

(b) The simulator will be in good working order.

(i) To check motor, heater, and thermometer, fill glass jar with 500 ml deionized or distilled water and reassemble.

(ii) Plug into 115 V line and after thirty minutes check temperature: 34°C ± 0.2. (Make sure mercury column in thermometer is intact.) Check to make sure the stirrer is stirring smoothly.

(iii) The simulator must be leakproof.

(e) Rinse simulator with appropriate alcohol reference solution, then fill with 500 ml of the alcohol reference solution and reassemble.

(d) Attach a one inch piece of Tygon or FDA vinyl tubing to the simulator outlet and affix a saliva-trap mouthpiece. Attach an eight inch piece of tubing to the inlet.

(e) Live breath or regulated, filtered, dried compressed air will be introduced in the simulator according to the manufacturer's specifications.

(f) Each simulator is labeled with the BAC value to three decimal places, the batch number of the alcohol reference solution and the date filled.

(g) A log will be kept of the test results.

(h) The solution in the simulator may be used for ten tests and must be discarded after the tenth test.

(i) All simulator testing shall be conducted by using live breath or regulated, filtered, dried, compressed air as the source of air.
Ignition Interlock Breath Alcohol Devices 204-50-050

(2) Environmental chamber.
(a) Capacity to place complete units inside chamber to run tests.
(b) Ability to maintain temperature during test at -20°C, 0°C, + 40°C and + 70°C.
(c) 20 - 25°C tests can be run at room temperature outside chamber.
(3) Standard alcohol reference solutions.
(a) Stock solution: Mix absolute ethanol with distilled or deionized water at a ratio of 77.0 ml of ethanol diluted up to one liter of water.
(b) Stock solution is stored in a well stoppered flask labeled "stock solution" and "contains 77.0 ml (60.5 gm) ethanol/L." The date prepared and initials of preparer.
(c) Standard alcohol reference solutions: Prepared from stock solution by pipetting the requisite amount of the stock solution into a volumetric flask and fill with distilled or deionized water to the mark as given below:
(i) For 0.020% dilute at ratio of 2.0 ml, stock solution to 500 ml.
(ii) For 0.030% dilute at ratio of 3.0 ml, stock solution to 500 ml.
(iii) For 0.040% dilute at ratio of 4.0 ml, stock solution to 500 ml.
(iv) The solution is thoroughly mixed by capping the container securely and inverting at least twenty times.
(d) The exact concentration of the standard alcohol reference solution shall be determined by titration using Potassium Dichromate (NBS primary standard grade). This standardized alcohol reference solution may then be used to calibrate a gas chromatograph.
(e) The standard reference solution is stored in a glass bottle with a tight fitting ground glass stopper or a teflon coated screw cap.
(f) The container is labeled with batch number, solution concentration in BAC, date prepared and the initials of the preparer. This data shall be recorded and filed.
(g) The manufacturer may request aliquot samples of the solutions for independent testing.
(4) Test procedures.
(a) Set up simulators with standard alcohol reference solutions.
(i) Standard alcohol reference solution 0.020% BAC, allow to reach 34°C ± 0.2°C.
(ii) Standard alcohol reference solution 0.030% BAC, allow to reach 34°C ± 0.2°C.
(iii) Standard alcohol reference solution 0.040% BAC, allow to reach 34°C ± 0.2°C.
(b) Test set up.
(i) Alcohol devices shall not be modified.
(ii) Use one inch of tubing between simulator and saliva-trap mouthpiece. Attach the mouthpiece to the breath sampling inlet.
(iii) Operate the device according to the manufacturer's instructions.
(iv) Use new mouth piece and tubing after each sequence of ten tests.
(v) Wait at least five minutes between each test to avoid overloading sensors.
(vi) For the purposes of laboratory testing, the device may give a "pass/fail" response when installed in a subject's vehicle.
(5) Tests.
(a) Temperatures.
(i) 20-25°C (room temperature)
(ii) 0°C
(iii) -20°C
(iv) 40°C
(v) 70°C
(b) Alcohol solutions.
(i) 0.000% BAC (distilled or deionized water)
(ii) 0.020% BAC ± 0.005%
(iii) 0.030% BAC ± 0.005%
(iv) 0.040% BAC ± 0.005%
(c) Number of tests.
(i) Accuracy. Five tests at each temperature and at each concentration of alcohol solutions including 0.000% BAC.
(ii) Repeatability. Ten tests at 0.030% BAC ± 0.005% repeated at least forty-eight hours later.
(iii) Ten breath tests on each of two interlock devices at room temperature using a minimum of three human subjects having a BAC in the range of 0.020% BAC and 0.040% BAC as measured in a near simultaneous fashion using suitable evidentiary instrument (e.g., Intoxilyzer, Model 5000).
(iv) Ten breath tests on each of two interlock devices at room temperature using a minimum of three alcohol free human subjects registering (blank) BAC values on a suitable evidentiary instrument (e.g., Intoxilyzer, Model 5000).
(d) Criteria.
(i) 0.020% BAC, nineteen of twenty tests give "pass" i.e., allow car to start.
(ii) 0.030% BAC, nineteen of twenty tests give "pass," i.e., not allow car to start.
(iii) 0.040% BAC, twenty of twenty tests give "pass," i.e., will not allow car to start.
(f) Nonalcoholic "bogus breath samples" for test purposes shall be generated by the testing laboratory using three or more of the following:
(i) Air compressor powered by a 12 v DC automobile battery.
(ii) Portable car vacuum cleaner.
(iii) Mylar plastic bag.
(iv) Rubber balloon.
The methods of interface to the device under test shall be determined by the testing laboratory. At least three tests will be run with each source of "bogus breath."
(g) Tests shall be conducted at room temperature to determine whether the use of filters can remove alcohol from breath sample thus circumventing the device. Cigarette filters from "Carlton" or "Lark" cigarettes packed into a paper tube shall be used for these tests.
(h) Test units shall meet performance specifications at room temperature after being subjected to a vibration of 10 g's at 250 Hz for thirty minutes.
(i) Test devices shall meet performance specifications at 0°C at an altitude equivalent to eight thousand feet.

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(j) The device must allow the driver to "re-start" the vehicle for a period of one minute after the ignition has been shut off without requiring further testing of the driver.

(k) The device must purge any residual alcohol before subsequent use.

WAC 204-50-060 Device accuracy and reliability. To be certified, a device must, with an accuracy coefficient of .95* detect and interlock when the air sample provided to it contains alcohol at or above the calibrated setting, plus or minus .005% BAC.

The device must also allow the vehicle to be started with an accuracy coefficient of .95*, when the breath sample provided to it contains no alcohol or less than the calibrated setting. The device shall utilize breath specimens which are alveolar air samples (deep lung air) in accordance with established forensic alcohol standards.

Note: *95% of the time the device will operate correctly.

WAC 204-50-070 Variable calibration. To be certified, a device must be capable of being preset, by the manufacturer, to interlock when the breath sample provided is at any level from .02 through .09% BAC (plus or minus .003% BAC). The actual setting of each device shall be determined by the originating court. The capability to change this setting shall be made secure, by the manufacturer, to prevent unauthorized adjustment of the device.

WAC 204-50-080 Device maintenance and reports. Each lessee shall have the device examined by a factory representative for correct calibration and evidence of tampering every ninety days, or more often as may be ordered by the originating court.

A report on the results of each check shall be provided to the originating court. The report shall reflect what adjustments, if any, were necessary in the calibration of the device, any evidence of tampering, and any other available information the originating court may order.

An additional report shall be provided to OAC on a quarterly basis summarizing all complaints received by the manufacturer for each model or type of certified device. These reports shall be categorized by:

(1) Customer error of operation.

(2) Faulty automotive equipment other than the device.

(3) Apparent misuse of attempts to circumvent the device causing damage.

(4) Device failure due to material defect, design defect, workmanship errors in construction, installation, or calibration.

Note: Complaints in this category shall be accompanied by a statement of the actions taken to correct the problem(s).
(6) Shall provide to OAC and ESR proof of insurance with minimum liability limits of one million dollars per occurrence, with three million dollar aggregate total. The liability covered shall include defects in product design and materials, as well as workmanship during manufacture, calibration, installation, and removal. The proof of insurance shall include a statement from the insurance carrier that forty-five days notice shall be given to ESR prior to cancellation.

(7) Shall report to the originating court and ESR any requests to disconnect or circumvent without court order any device of their own or another manufacturer. Manufacturer shall not comply with any such request.

(8) Shall advise the originating court prior to removing the device under circumstances other than:

(a) Completion of sentence, or other terms of a court order.

(b) Immediate device repair needs.

Note: Whenever a device is removed for repair and cannot immediately be reinstalled, a substitute device shall be utilized. Under no circumstances shall a lessee's vehicle be permitted to be driven without a required device.

[Statutory Authority: 1987 c 247. 88-01-020 (Order 87-05-ESR), § 204-50-120, filed 12/9/87.]

WAC 204-65-100 Authority. This chapter is promulgated pursuant to 46.37.005 RCW.

[Statutory Authority: RCW 46.37.005. 87-04-065 (Order 86-2), § 204-65-010, filed 2/4/87.]

WAC 204-65-200 Purpose. The purpose of this rule is to prevent the display of electrically powered messages from privately owned vehicles while traveling on the public roadways of this state.

[Statutory Authority: RCW 46.37.005. 87-04-065 (Order 86-2), § 204-65-020, filed 2/4/87.]

WAC 204-65-300 Electronic messages. Electrically powered signing or message boards will not be allowed to be displayed on or from privately owned vehicles while traveling on or occupying public roadways. This will include any type of electronically displayed letter, number, sign or symbol or any combination thereof that displays a message that may be observed from outside of the vehicle.

[Statutory Authority: RCW 46.37.005. 87-04-065 (Order 86-2), § 204-65-030, filed 2/4/87.]

WAC 204-65-400 Eye level brake light. Eye level brake lights shall meet the present or future requirements of the Code of Federal Regulations, Federal Motor Vehicle Safety Standard 49, Section 571.108. Eye level brake lights shall not be combined with any type of letter, number, sign or symbol or combination thereof. No function other than red reflex reflectors shall be combined in the supplemental high mounted stop lamp.

[Statutory Authority: RCW 46.37.005. 87-04-065 (Order 86-2), § 204-65-040, filed 2/4/87.]

WAC 204-65-500 Traffic control vehicles. Vehicles that are publicly or privately owned and used in conjunction with officially sanctioned or sponsored motor vehicle traffic control or movement are allowed to display electrically powered messages or signs that are utilized to assist in the efficient control of traffic movement on public roadways.

[Statutory Authority: RCW 46.37.005. 87-04-065 (Order 86-2), § 204-65-050, filed 2/4/87.]

WAC 204-65-600 Taxi cabs. Electronic signing that is normally utilized to identify taxi--cabs will not be affected by this rule.

[Statutory Authority: RCW 46.37.005. 87-04-065 (Order 86-2), § 204-65-060, filed 2/4/87.]

Chapter 204-74 WAC

STANDARDS FOR SCHOOL BUS WARNING LIGHTS

WAC

204-74-010 Promulgation.

204-74-020 Standards for warning lamps.

WAC 204-74-010 Promulgation. By the authority of RCW 46.37.005 and 46.37.290, the state patrol hereby adopts the following regulations relating to warning light systems on school buses.

[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.]

WAC 204-74-040 Standards for warning lamps. (1) All school bus red warning lamps shall be designed and constructed in conformance with SAE Standard J887a, "school bus red signal lamps" or that standard which is in effect for such lamps at the time of manufacture of such lamps.

(2) The amber colored lamps shall meet the standard for the red lamps except for the lens color and candle power requirements. Candle power of amber lamps shall be at least two and one-half times that specified for red lamps.

[1988 WAC Supp—page 723]
(3) All lamps shall be sealed beam type, the lenses of which shall be at least five and one-half inches in diameter.

(4) 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:

(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.

WAC 204-76-99001 Bolt type brake chamber data.

### BOLT TYPE BRAKE CHAMBER DATA

(Dimensions in inches)

<table>
<thead>
<tr>
<th>Type</th>
<th>Effective Area (Square Inches)</th>
<th>*Outside Diameter</th>
<th>Maximum Stroke</th>
<th>Maximum Stroke With Brakes Adjusted</th>
<th>Maximum stroke shall not be more than</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>12</td>
<td>6 5/16</td>
<td>1 3/4</td>
<td>Should be</td>
<td>1 3/8</td>
</tr>
<tr>
<td>B</td>
<td>24</td>
<td>9 3/16</td>
<td>2 1/4</td>
<td>as short as</td>
<td>1 3/4</td>
</tr>
<tr>
<td>C</td>
<td>16</td>
<td>8 1/16</td>
<td>2 1/4</td>
<td>possible</td>
<td>1 3/4</td>
</tr>
<tr>
<td>D</td>
<td>6</td>
<td>5 1/4</td>
<td>1 5/8</td>
<td>without</td>
<td>1 1/4</td>
</tr>
<tr>
<td>E</td>
<td>9</td>
<td>6 3/16</td>
<td>1 3/4</td>
<td>brakes</td>
<td>1 3/8</td>
</tr>
<tr>
<td><strong>G</strong></td>
<td>36</td>
<td>11</td>
<td>3</td>
<td>dragging</td>
<td>2 1/4</td>
</tr>
<tr>
<td><strong>G</strong></td>
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<td>2 1/2</td>
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WAC 204-76-99002 Clamp type brake chamber data.

### CLAMP TYPE BRAKE CHAMBER DATA

(Dimensions in inches)

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<th>Type</th>
<th>Effective Area (Square Inches)</th>
<th>*Outside Diameter</th>
<th>Maximum Stroke</th>
<th>Maximum Stroke With Brakes Adjusted</th>
<th>Maximum stroke shall not be more than</th>
</tr>
</thead>
<tbody>
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<td>4 1/2</td>
<td>1 5/8</td>
<td>Should be</td>
<td>1 1/4</td>
</tr>
<tr>
<td>9</td>
<td>9</td>
<td>5 1/4</td>
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<td>as short as</td>
<td>1 3/8</td>
</tr>
<tr>
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<td>5 11/16</td>
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<td>1 3/4</td>
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<td>2 1/2</td>
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</tr>
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<td>36</td>
<td>36</td>
<td>9</td>
<td>3</td>
<td></td>
<td>2 1/4</td>
</tr>
</tbody>
</table>
**Emergency Vehicle Lighting**

**WAC 204-88-030** Definitions. (1) "Authorized emergency vehicle" shall mean 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.

(2) "Law enforcement vehicle" shall mean a publicly owned or leased vehicle operated by a law enforcement agency and which is used for the law enforcement functions of the agency.

(3) "Law enforcement agency" shall mean 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.

(4) "Flash" lamps shall mean those lamps which emit a beam of light which is broken intermittently and regularly by use of an electronic or electric switch, 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.

(5) "Emergency tow truck" shall mean a motor vehicle specially 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.

**WAC 204-88-070** Approved lighting devices required. 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 Federal Motor Vehicle Safety Standards, or, if none;

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

(3) 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.

**Chapter 204-88 WAC**

**EMERGENCY VEHICLE LIGHTING**

**WAC 204-88-010** Promulgation. By authority of RCW 46.37.190, 46.37.194 and 46.37.280 the state patrol hereby adopts the following rules relating to emergency vehicle lighting.

*[1988 WAC Supp—page 725]*
**Chapter 204-90 WAC**

**MINIMUM REQUIREMENTS FOR CONSTRUCTION AND EQUIPMENT OF SPECIAL MOTOR VEHICLES**

WAC 204-90-030 Definitions.

WAC 204-90-030 Definitions. (1) Special motor vehicles: Passenger vehicles, multipurpose passenger vehicles, trucks and buses with a gross vehicle weight rating of 10,000 pounds or less equipped with two or more axles having at least two wheels per axle and which are intended for use on public highways. The term "special motor vehicle" shall include the following types:

(a) Type I: Vehicles that retain or are exact replicas of the original body configuration of a recognized vehicle manufacturer with changes made to any of the equipment items specified in this chapter. This type shall also include vehicles that have been modified from a recognized vehicle manufacturer's original body chassis configuration but that retain the general appearance of the original body chassis.

(b) Type II: All special motor vehicles which are custom built with fabricated parts or parts taken from existing vehicles excluding Type I vehicles.

(c) Enclosed vehicle: Every Type I and Type II vehicle having a solid enclosed compartment for occupants as compared to an open or "soft top" convertible vehicle.

(2) Recognized manufacturer: A person, firm, co-partnership, 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.


Notwithstanding any other provisions of law, a vehicle or exact replica of a vehicle more than thirty years old owned and operated primarily as a collector's item and which has been restored to the original configuration and specifications of a recognized manufacturer is exempted from the requirements of this chapter.

WAC 204-91-050 Application.

WAC 204-91-050 Application. Application for licensing as a registered tow truck operator shall be made on forms furnished by the department and shall be accompanied by an inspection certification from the Washington state patrol. Each separate business location requires a separate registration and inspection. The inspection form shall be furnished by the commission.

WAC 204-91-060 Certificate of approval.

WAC 204-91-060 Certificate of approval. A certificate of approval from the chief of police if the applicant's principal place of business is located in a city or town having a population over five thousand persons or, in all other instances, from a member of the Washington state patrol, certifying that:

(1) The applicant has an established place of business at the address shown.

(2) The place of business has an office area that is accessible to the public without entering the storage area.

(3) The place of business has adequate and secure storage facilities as defined by rules of the department, where vehicles and their contents can be properly stored and protected.

(4) The applicant has proof of the following minimum insurance requirements:

(a) One hundred thousand dollars for liability for bodily injury or property damage per occurrence, and

(b) Fifty thousand dollars of legal liability per occurrence, to protect against vehicle damage, including but not limited to fire and theft, from the time a vehicle comes into the custody of an operator until it is redeemed or sold.

(5) The information for the certificate of approval may be included in the inspection form that is completed by the inspector.

WAC 212-17 WAC

**FIREWORKS**

PART I—GENERAL

Title 212 WAC

(Formerly Fire Marshal)

Chapters

212-17 Fireworks.

212-32 Nursing homes, standards for fire protection.

212-51 Standards for above-ground used oil tanks.

Chapter 212-17 WAC

**FIREWORKS**

PART I—GENERAL

WAC 212-17-001 Title.

212-17-010 Purpose.

212-17-060 Public purchase of fireworks.

PART II—MANUFACTURER

212-17-065 Fireworks manufacturer—General.

212-17-070 Fireworks manufacturer—Licensing.

212-17-085 Fireworks manufacturer—Records and reports.

[1988 WAC Supp—page 726]