

WSR 21-13-130
PERMANENT RULES
UTILITIES AND TRANSPORTATION
COMMISSION

[Filed June 22, 2021, 10:34 a.m., effective July 23, 2021]

Effective Date of Rule: Thirty-one days after filing.

Purpose: To revise adoption-by-reference dates in Title 480 WAC to incorporate the most recent version of adopted federal rules and other adopted publications.

Citation of Rules Affected by this Order: Amending WAC 480-14-999, 480-15-999, 480-30-999, 480-31-999, 480-62-999, 480-70-999, 480-73-999, 480-75-100, 480-75-999, 480-90-999, 480-93-005, 480-93-999, 480-100-999, 480-108-999, 480-109-999, 480-120-999, and 480-123-999.

Statutory Authority for Adoption: RCW 80.10.040, 80.04.160, 81.04.160, and 34.05.353.

Adopted under notice filed as WSR 21-09-064 on April 19, 2021.

Number of Sections Adopted in Order to Comply with Federal Statute: New 0, Amended 0, Repealed 0; Federal Rules or Standards: New 0, Amended 17, Repealed 0; or Recently Enacted State Statutes: New 0, Amended 0, Repealed 0.

Number of Sections Adopted at the Request of a Nongovernmental Entity: New 0, Amended 0, Repealed 0.

Number of Sections Adopted on the Agency's own Initiative: New 0, Amended 0, Repealed 0.

Number of Sections Adopted in Order to Clarify, Streamline, or Reform Agency Procedures: New 0, Amended 0, Repealed 0.

Number of Sections Adopted using Negotiated Rule Making: New 0, Amended 0, Repealed 0; Pilot Rule Making: New 0, Amended 0, Repealed 0; or Other Alternative Rule Making: New 0, Amended 0, Repealed 0.

Date Adopted: June 22, 2021.

Mark L. Johnson
Executive Director and Secretary

OTS-2254.2

AMENDATORY SECTION (Amending WSR 19-14-118, filed 7/3/19, effective 8/3/19)

WAC 480-14-999 Adoption by reference. In this chapter, the commission adopts by reference all or portions of regulations and standards identified below. They are available for inspection at the commission library. The publication, effective dates, references within this chapter, and availability of the resource is within Title 49 Code of Federal Regulations (C.F.R.), including all appendices and amendments is published by the United States Government Printing Office.

(1) The commission adopts the version in effect on December 31, ((2018)) 2020, for 49 C.F.R. Parts 171, 172 and 173.

(2) This publication is referenced in WAC 480-14-250 (Insurance requirements).

(3) Copies of Title 49 C.F.R. are available from the U.S. Government Online Bookstore, <https://bookstore.gpo.gov/>, and from various third-party vendors.

[Statutory Authority: RCW 80.10.040, 80.04.160, 81.04.160, and 34.05.353. WSR 19-14-118, § 480-14-999, filed 7/3/19, effective 8/3/19; WSR 18-13-106, § 480-14-999, filed 6/19/18, effective 7/20/18. Statutory Authority: RCW 80.01.040, 80.04.160, 81.04.160, and 34.05.353. WSR 17-15-054 (Docket A-170015, General Order R-589), § 480-14-999, filed 7/13/17, effective 8/13/17; WSR 16-05-035 (Docket A-151884, General Order R-585), § 480-14-999, filed 2/9/16, effective 3/11/16; WSR 15-06-048 (Docket A-143302, General Order R-579), § 480-14-999, filed 3/2/15, effective 4/2/15; WSR 14-05-001 (Docket A-131761, General Order R-574), § 480-14-999, filed 2/5/14, effective 3/8/14; WSR 13-05-023 (Docket A-121496, General Order R-569), § 480-14-999, filed 2/11/13, effective 3/14/13; WSR 12-05-063 (Docket A-111722, General Order R-564), § 480-14-999, filed 2/15/12, effective 3/17/12. Statutory Authority: RCW 80.01.040 and 81.04.160. WSR 09-22-057 (Order R-555, Docket TV-090400), § 480-14-999, filed 10/30/09, effective 11/30/09. Statutory Authority: RCW 80.01.040, 80.04.160, 81.04.160, and 34.05.353. WSR 09-01-171 (Docket A-081419, General Order R-554), § 480-14-999, filed 12/23/08, effective 1/23/09; WSR 06-17-087 (Docket A-060475, General Order No. R-537), § 480-14-999, filed 8/14/06, effective 9/14/06; WSR 05-21-022 (Docket No. A-050271, General Order No. R-521), § 480-14-999, filed 10/10/05, effective 11/10/05; WSR 04-01-152 (General Order No. R-511, Docket No. A-030852), § 480-14-999, filed 12/22/03, effective 1/22/04; WSR 02-18-033 (Docket No. A-020379, General Order No. R-501), § 480-14-999, filed 8/26/02, effective 9/26/02. Statutory Authority: RCW 80.01.040, 80.04.160, 81.04.160, and 34.05.310. WSR 01-20-061 (Docket No. A-010827, General Order No. R-491), § 480-14-999, filed 9/28/01, effective 10/29/01.]

OTS-2255.2

AMENDATORY SECTION (Amending WSR 19-14-118, filed 7/3/19, effective 8/3/19)

WAC 480-15-999 Adoption by reference. In this chapter, the commission adopts by reference all or portions of regulations and standards identified below. They are available for inspection at the commission library. The publications, effective dates, references within this chapter, and availability of the resources are as follows:

(1) **North American Standard Out-of-Service Criteria** (OOSC) is published by the Commercial Vehicle Safety Alliance (CVSA).

(a) The commission adopts the version in effect on April 1, ((2019)) 2021.

(b) This publication is referenced in WAC 480-15-560 (Equipment safety requirements).

(c) The *North American Out-of-Service Criteria* is a copyrighted document. Copies are available from CVSA.

(2) **Title 49 Code of Federal Regulations**, cited as 49 C.F.R., including all appendices and amendments is published by the United States Government Printing Office.

(a) The commission adopts the version in effect on December 31, ((2018)) 2020.

(b) This publication is referenced in WAC 480-15-560 (Equipment safety requirements) and WAC 480-15-570 (Driver safety requirements).

(c) Copies of Title 49 Code of Federal Regulations are available from the U.S. Government Online Bookstore, <https://bookstore.gpo.gov/>, and from various third-party vendors.

[Statutory Authority: RCW 80.10.040, 80.04.160, 81.04.160, and 34.05.353. WSR 19-14-118, § 480-15-999, filed 7/3/19, effective 8/3/19; WSR 18-13-106, § 480-15-999, filed 6/19/18, effective 7/20/18. Statutory Authority: RCW 80.01.040, 80.04.160, 81.04.160, and 34.05.353. WSR 17-15-054 (Docket A-170015, General Order R-589), § 480-15-999, filed 7/13/17, effective 8/13/17; WSR 16-05-035 (Docket A-151884, General Order R-585), § 480-15-999, filed 2/9/16, effective 3/11/16; WSR 15-06-048 (Docket A-143302, General Order R-579), § 480-15-999, filed 3/2/15, effective 4/2/15; WSR 14-05-001 (Docket A-131761, General Order R-574), § 480-15-999, filed 2/5/14, effective 3/8/14; WSR 13-05-023 (Docket A-121496, General Order R-569), § 480-15-999, filed 2/11/13, effective 3/14/13; WSR 12-05-063 (Docket A-111722, General Order R-564), § 480-15-999, filed 2/15/12, effective 3/17/12; WSR 11-04-041 (Docket A-101466, General Order R-562), § 480-15-999, filed 1/25/11, effective 2/25/11; WSR 09-01-171 (Docket A-081419, General Order R-554), § 480-15-999, filed 12/23/08, effective 1/23/09; WSR 06-17-087 (Docket A-060475, General Order No. R-537), § 480-15-999, filed 8/14/06, effective 9/14/06; WSR 05-21-022 (Docket No. A-050271, General Order No. R-521), § 480-15-999, filed 10/10/05, effective 11/10/05; WSR 04-01-152 (General Order No. R-511, Docket No. A-030852), § 480-15-999, filed 12/22/03, effective 1/22/04; WSR 02-18-033 (Docket No. A-020379, General Order No. R-501), § 480-15-999, filed 8/26/02, effective 9/26/02. Statutory Authority: RCW 80.01.040, 80.04.160, 81.04.160, and 34.05.310. WSR 01-20-061 (Docket No. A-010827, General Order No. R-491), § 480-15-999, filed 9/28/01, effective 10/29/01.]

OTS-2256.2

AMENDATORY SECTION (Amending WSR 19-14-118, filed 7/3/19, effective 8/3/19)

WAC 480-30-999 Adoption by reference. In this chapter, the commission adopts by reference all or portions of regulations and standards identified below. They are available for inspection at the commission library. The publications, effective dates, references within this chapter, and availability of the resources are as follows:

(1) **North American Standard Out-of-Service Criteria** (OOSC) is published by the Commercial Vehicle Safety Alliance (CVSA).

(a) The commission adopts the version in effect on April 1, ((2019)) 2021.

(b) This publication is referenced in WAC 480-30-221 (Vehicle and driver safety requirements).

(c) The *North American Out-of-Service Criteria* is a copyrighted document. Copies are available from CVSA.

(2) **Title 49 Code of Federal Regulations**, cited as 49 C.F.R., including all appendices and amendments is published by the United States Government Printing Office.

(a) The commission adopts the version in effect on December 31, (~~2018~~) 2020.

(b) This publication is referenced in WAC 480-30-221 (Vehicle and driver safety requirements) and WAC 480-30-226 (Intrastate medical waivers).

(c) Copies of Title 49 Code of Federal Regulations are available from the U.S. Government Online Bookstore, <https://bookstore.gpo.gov/>, and from various third-party vendors.

[Statutory Authority: RCW 80.10.040, 80.04.160, 81.04.160, and 34.05.353. WSR 19-14-118, § 480-30-999, filed 7/3/19, effective 8/3/19; WSR 18-13-106, § 480-30-999, filed 6/19/18, effective 7/20/18. Statutory Authority: RCW 80.01.040, 80.04.160, 81.04.160, and 34.05.353. WSR 17-15-054 (Docket A-170015, General Order R-589), § 480-30-999, filed 7/13/17, effective 8/13/17; WSR 16-05-035 (Docket A-151884, General Order R-585), § 480-30-999, filed 2/9/16, effective 3/11/16; WSR 15-06-048 (Docket A-143302, General Order R-579), § 480-30-999, filed 3/2/15, effective 4/2/15; WSR 14-05-001 (Docket A-131761, General Order R-574), § 480-30-999, filed 2/5/14, effective 3/8/14; WSR 13-05-023 (Docket A-121496, General Order R-569), § 480-30-999, filed 2/11/13, effective 3/14/13; WSR 12-05-063 (Docket A-111722, General Order R-564), § 480-30-999, filed 2/15/12, effective 3/17/12; WSR 11-04-041 (Docket A-101466, General Order R-562), § 480-30-999, filed 1/25/11, effective 2/25/11; WSR 09-01-171 (Docket A-081419, General Order R-554), § 480-30-999, filed 12/23/08, effective 1/23/09. Statutory Authority: RCW 80.01.040, 81.04.160, 81.12.050, 81.68.030, and 81.70.270. WSR 06-13-006 (General Order No. R-533, Docket No. TC-020497), § 480-30-999, filed 6/8/06, effective 7/9/06. Statutory Authority: RCW 80.01.040, 80.04.160, 81.04.160 and 34.05.353. WSR 05-21-022 (Docket No. A-050271, General Order No. R-521), § 480-30-999, filed 10/10/05, effective 11/10/05; WSR 04-01-152 (General Order No. R-511, Docket No. A-030852), § 480-30-999, filed 12/22/03, effective 1/22/04; WSR 02-18-033 (Docket No. A-020379, General Order No. R-501), § 480-30-999, filed 8/26/02, effective 9/26/02. Statutory Authority: RCW 80.01.040, 80.04.160, 81.04.160, and 34.05.310. WSR 01-20-061 (Docket No. A-010827, General Order No. R-491), § 480-30-999, filed 9/28/01, effective 10/29/01.]

OTS-2257.2

AMENDATORY SECTION (Amending WSR 19-14-118, filed 7/3/19, effective 8/3/19)

WAC 480-31-999 Adoption by reference. In this chapter, the commission adopts by reference all or portions of regulations and standards identified below. They are available for inspection at the com-

mission library. The publications, effective dates, references within this chapter, and availability of the resources are as follows:

(1) **North American Standard Out-of-Service Criteria** (OOSC) is published by the Commercial Vehicle Safety Alliance (CVSA).

(a) The commission adopts the version in effect on April 1, (~~2019~~) 2021.

(b) This publication is referenced in WAC 480-31-120 (Equipment—Inspection—Ordered for repairs).

(c) The *North American Out-of-Service Criteria* is a copyrighted document. Copies are available from CVSA.

(2) **Title 49 Code of Federal Regulations**, cited as 49 C.F.R., including all appendices and amendments is published by the United States Government Printing Office.

(a) The commission adopts the version in effect on December 31, (~~2018~~) 2020.

(b) This publication is referenced in WAC 480-31-100 (Equipment—Safety), WAC 480-31-120 (Equipment—Inspection—Ordered for repairs), and WAC 480-31-130 (Operation of motor vehicles).

(c) Copies of Title 49 Code of Federal Regulations are available from the U.S. Government Online Bookstore, <https://bookstore.gpo.gov/>, and from various third-party vendors.

[Statutory Authority: RCW 80.10.040, 80.04.160, 81.04.160, and 34.05.353. WSR 19-14-118, § 480-31-999, filed 7/3/19, effective 8/3/19; WSR 18-13-106, § 480-31-999, filed 6/19/18, effective 7/20/18. Statutory Authority: RCW 80.01.040, 80.04.160, 81.04.160, and 34.05.353. WSR 17-15-054 (Docket A-170015, General Order R-589), § 480-31-999, filed 7/13/17, effective 8/13/17; WSR 16-05-035 (Docket A-151884, General Order R-585), § 480-31-999, filed 2/9/16, effective 3/11/16; WSR 15-06-048 (Docket A-143302, General Order R-579), § 480-31-999, filed 3/2/15, effective 4/2/15; WSR 14-05-001 (Docket A-131761, General Order R-574), § 480-31-999, filed 2/5/14, effective 3/8/14; WSR 13-05-023 (Docket A-121496, General Order R-569), § 480-31-999, filed 2/11/13, effective 3/14/13; WSR 12-05-063 (Docket A-111722, General Order R-564), § 480-31-999, filed 2/15/12, effective 3/17/12; WSR 11-04-041 (Docket A-101466, General Order R-562), § 480-31-999, filed 1/25/11, effective 2/25/11; WSR 09-01-171 (Docket A-081419, General Order R-554), § 480-31-999, filed 12/23/08, effective 1/23/09. Statutory Authority: RCW 81.04.160 and 34.05.353. WSR 06-11-013 (Docket T-051915, General Order No. R-532), § 480-31-999, filed 5/4/06, effective 6/4/06. Statutory Authority: RCW 80.01.040, 80.04.160, 81.04.160 and 34.05.353. WSR 05-21-022, § 480-31-999, filed 10/10/05, effective 11/10/05; WSR 04-01-152 (General Order No. R-511, Docket No. A-030852), § 480-31-999, filed 12/22/03, effective 1/22/04; WSR 02-18-033 (Docket No. A-020379, General Order No. R-501), § 480-31-999, filed 8/26/02, effective 9/26/02. Statutory Authority: RCW 80.01.040, 80.04.160, 81.04.160, and 34.05.310. WSR 01-20-061 (Docket No. A-010827, General Order No. R-491), § 480-31-999, filed 9/28/01, effective 10/29/01.]

OTS-2258.2

AMENDATORY SECTION (Amending WSR 19-14-118, filed 7/3/19, effective 8/3/19)

WAC 480-62-999 Adoption by reference. In this chapter, the commission adopts by reference all or portions of regulations and standards identified below. They are available for inspection at the commission library. The publications, effective dates, references within this chapter, and availability of the resources are as follows:

(1) **Title 49 Code of Federal Regulations**, cited as 49 C.F.R., including all appendices and amendments is published by the United States Government Printing Office.

(a) The commission adopts the version in effect on December 31, ((2018)) 2020.

(b) This publication is referenced in WAC 480-62-160 (Compliance policy), WAC 480-62-200 (Roadway worker safety and operating rules and statutes), WAC 480-62-205 (Track safety standards), WAC 480-62-210 (Crossing signal circuitry), WAC 480-62-215 (Hazardous materials regulations), WAC 480-62-235 (Flaggers), WAC 480-62-240 (Railroad owned or operated passenger carrying vehicles—Equipment), WAC 480-62-278 (Contract crew transportation vehicle and driver safety requirements), and WAC 480-62-293 (Contract crew transportation enforcement).

(c) Copies of Title 49 Code of Federal Regulations are available from the U.S. Government Online Bookstore, <https://bookstore.gpo.gov/>, and from various third-party vendors.

(2) **Manual on Uniform Traffic Control Devices**, cited as Manual on Uniform Traffic Control Devices, or MUTCD, is published by the United States Government Printing Office.

(a) The commission adopts the version in effect on December 31, ((2018)) 2020.

(b) This publication is referenced in WAC 480-62-230 (Traffic control devices), WAC 480-62-235 (Flaggers), and WAC 480-62-245 (Railroad owned or operated passenger carrying vehicles—Operation).

(c) Copies of the MUTCD are available from the U.S. Government Online Bookstore, <https://bookstore.gpo.gov/>, and from various third-party vendors.

(3) **ANSI/ISEA Z308.1 - 2015 American National Standard for Minimum Requirements for Workplace First Aid Kits** is published by the American National Standards Institute.

(a) The commission adopts the version in effect on December 31, ((2018)) 2020.

(b) This publication is referenced in WAC 480-62-240 (Passenger carrying vehicles—Equipment).

(c) Copies of ANSI/ISEA Z308.1 - 2015 American National Standard for Minimum Requirements for Workplace First Aid Kits and Supplies are available from IHS Global Engineering Documents in Englewood, Colorado.

(4) **ANSI/ISEA 207-2011 - American National Standard for High-Visibility Public Safety Vests** is published by the American National Standards Institute.

(a) The commission adopts the version in effect on December 31, ((2018)) 2020.

(b) This publication is referenced in WAC 480-62-235 (Flaggers).

(c) Copies of ANSI/ISEA 207-2011 - American National Standard for High-Visibility Public Safety Vests are available from IHS Global Engineering Documents in Englewood, Colorado.

(5) **North American Standard Out-of-Service Criteria** (OOSC) is published by the *Commercial Vehicle Safety Alliance* (CVSA).

(a) The commission adopts the version in effect on April 1, (~~2019~~) 2021.

(b) This publication is referenced in WAC 480-62-278 (Contract crew transportation vehicle and driver safety requirements).

(c) The *North American Out-of-Service Criteria* is a copyrighted document. Copies are available from CVSA.

[Statutory Authority: RCW 80.10.040, 80.04.160, 81.04.160, and 34.05.353. WSR 19-14-118, § 480-62-999, filed 7/3/19, effective 8/3/19. Statutory Authority: RCW 80.01.040, 81.04.160, and 81.61.050. WSR 18-10-001 (Docket TR-170780, General Order R-591), § 480-62-999, filed 4/18/18, effective 5/19/18. Statutory Authority: RCW 80.01.040, 80.04.160, 81.04.160, and 34.05.353. WSR 17-15-054 (Docket A-170015, General Order R-589), § 480-62-999, filed 7/13/17, effective 8/13/17; WSR 16-05-035 (Docket A-151884, General Order R-585), § 480-62-999, filed 2/9/16, effective 3/11/16; WSR 15-06-048 (Docket A-143302, General Order R-579), § 480-62-999, filed 3/2/15, effective 4/2/15; WSR 14-05-001 (Docket A-131761, General Order R-574), § 480-62-999, filed 2/5/14, effective 3/8/14; WSR 13-05-023 (Docket A-121496, General Order R-569), § 480-62-999, filed 2/11/13, effective 3/14/13; WSR 12-05-063 (Docket A-111722, General Order R-564), § 480-62-999, filed 2/15/12, effective 3/17/12; WSR 11-04-041 (Docket A-101466, General Order R-562), § 480-62-999, filed 1/25/11, effective 2/25/11; WSR 10-03-044 (Docket A-091124, General Order R-557), § 480-62-999, filed 1/14/10, effective 2/14/10; WSR 09-01-171 (Docket A-081419, General Order R-554), § 480-62-999, filed 12/23/08, effective 1/23/09; WSR 05-21-022 (Docket No. A-050271, General Order No. R-521), § 480-62-999, filed 10/10/05, effective 11/10/05; WSR 04-01-152 (General Order No. R-511, Docket No. A-030852), § 480-62-999, filed 12/22/03, effective 1/22/04; WSR 02-18-033 (Docket No. A-020379, General Order No. R-501), § 480-62-999, filed 8/26/02, effective 9/26/02. Statutory Authority: RCW 80.01.040, 81.04.160, 81.24.010, 81.28.010, 81.28.290, 81.40.110, 81.44.010, 81.44.020, 81.44.101-81.44.105, and chapters 81.48, 81.53, 81.54, 81.60, and 81.61 RCW. WSR 01-04-026 (Docket No. TR-981102, General Order No. R-477), § 480-62-999, filed 1/30/01, effective 3/2/01.]

OTS-2259.2

AMENDATORY SECTION (Amending WSR 19-14-118, filed 7/3/19, effective 8/3/19)

WAC 480-70-999 Adoption by reference. In this chapter, the commission adopts by reference all, or portions of, regulations and standards identified below. They are available for inspection at the commission library. The publications, effective dates, references within this chapter, and availability of the resources are as follows:

(1) **The North American Standard Out-of-Service Criteria** is published by the *Commercial Vehicle Safety Alliance* (CVSA).

(a) The commission adopts the version in effect on April 1, (~~2019~~) 2021.

(b) This publication is referenced in WAC 480-70-201 (Vehicle and driver safety requirements).

(c) The *North American Out-of-Service Criteria* is a copyrighted document. Copies are available from CVSA.

(2) **Title 40 Code of Federal Regulations**, cited as 40 C.F.R., including all appendices and amendments is published by the United States Government Printing Office.

(a) The commission adopts the version in effect on December 31, ((2018)) 2020.

(b) This publication is referenced in WAC 480-70-041 (Definitions, general).

(c) Copies of Title 40 Code of Federal Regulations are available from the U.S. Government Online Bookstore, <https://bookstore.gpo.gov/>, and from various third-party vendors.

(3) **Title 49 Code of Federal Regulations**, cited as 49 C.F.R., including all appendices and amendments is published by the United States Government Printing Office.

(a) The commission adopts the version in effect on December 31, ((2018)) 2020.

(b) This publication is referenced in WAC 480-70-201 (Vehicle and driver safety requirements), WAC 480-70-431 (Biomedical waste, adoption of federal regulations), and WAC 480-70-486 (Hazardous waste, adoption of federal regulations).

(c) Copies of Title 49 Code of Federal Regulations are available from the U.S. Government Online Bookstore, <https://bookstore.gpo.gov/>, and from various third-party vendors.

[Statutory Authority: RCW 80.10.040, 80.04.160, 81.04.160, and 34.05.353. WSR 19-14-118, § 480-70-999, filed 7/3/19, effective 8/3/19; WSR 18-13-106, § 480-70-999, filed 6/19/18, effective 7/20/18. Statutory Authority: RCW 80.01.040, 80.04.160, 81.04.160, and 34.05.353. WSR 17-15-054 (Docket A-170015, General Order R-589), § 480-70-999, filed 7/13/17, effective 8/13/17; WSR 16-05-035 (Docket A-151884, General Order R-585), § 480-70-999, filed 2/9/16, effective 3/11/16; WSR 15-06-048 (Docket A-143302, General Order R-579), § 480-70-999, filed 3/2/15, effective 4/2/15; WSR 14-05-001 (Docket A-131761, General Order R-574), § 480-70-999, filed 2/5/14, effective 3/8/14; WSR 13-05-023 (Docket A-121496, General Order R-569), § 480-70-999, filed 2/11/13, effective 3/14/13; WSR 12-05-063 (Docket A-111722, General Order R-564), § 480-70-999, filed 2/15/12, effective 3/17/12; WSR 11-04-041 (Docket A-101466, General Order R-562), § 480-70-999, filed 1/25/11, effective 2/25/11; WSR 09-01-171 (Docket A-081419, General Order R-554), § 480-70-999, filed 12/23/08, effective 1/23/09; WSR 06-17-087 (Docket A-060475, General Order No. R-537), § 480-70-999, filed 8/14/06, effective 9/14/06; WSR 05-21-022 (Docket No. A-050271, General Order No. R-521), § 480-70-999, filed 10/10/05, effective 11/10/05; WSR 04-01-152 (General Order No. R-511, Docket No. A-030852), § 480-70-999, filed 12/22/03, effective 1/22/04; WSR 02-18-033 (Docket No. A-020379, General Order No. R-501), § 480-70-999, filed 8/26/02, effective 9/26/02. Statutory Authority: RCW 80.01.040, 80.04.160, 81.04.160, and 34.05.310. WSR 01-20-061 (Docket No. A-010827, General Order No. R-491), § 480-70-999, filed 9/28/01, effective 10/29/01. Statutory Authority: RCW 81.04.160, 81.77.030 and 80.01.040. WSR 01-08-012 (Docket No. TG-990161, General Order No. R-479), § 480-70-999, filed 3/23/01, effective 4/23/01.]

OTS-2260.2

AMENDATORY SECTION (Amending WSR 19-14-118, filed 7/3/19, effective 8/3/19)

WAC 480-73-999 Adoption by reference. In this chapter, the commission adopts by reference all or portions of regulations and standards identified below. They are available for inspection at the commission library. The publications, effective date, references within this chapter, and availability of the resources are as follows:

(1) **Title 18 Code of Federal Regulations**, cited as 18 C.F.R., is published by the United States Government Printing Office.

(2) The commission adopts the version in effect on (~~April 1, 2018~~) December 31, 2021.

(3) This publication is referenced in WAC 480-73-130 (Accounting system requirements), WAC 480-73-150 (Retaining and preserving records and reports), and WAC 480-73-160 (Annual reports).

(4) Copies of Title 18 Code of Federal Regulations are available from the U.S. Government Online Bookstore, <https://bookstore.gpo.gov/>, and from various third-party vendors.

[Statutory Authority: RCW 80.10.040, 80.04.160, 81.04.160, and 34.05.353. WSR 19-14-118, § 480-73-999, filed 7/3/19, effective 8/3/19; WSR 18-13-106, § 480-73-999, filed 6/19/18, effective 7/20/18. Statutory Authority: RCW 80.01.040, 80.04.160, 81.04.160, and 34.05.353. WSR 14-05-001 (Docket A-131761, General Order R-574), § 480-73-999, filed 2/5/14, effective 3/8/14; WSR 11-04-041 (Docket A-101466, General Order R-562), § 480-73-999, filed 1/25/11, effective 2/25/11; WSR 09-01-171 (Docket A-081419, General Order R-554), § 480-73-999, filed 12/23/08, effective 1/23/09; WSR 06-17-087 (Docket A-060475, General Order No. R-537), § 480-73-999, filed 8/14/06, effective 9/14/06; WSR 05-21-022 (Docket No. A-050271, General Order No. R-521), § 480-73-999, filed 10/10/05, effective 11/10/05; WSR 05-06-051 (Docket No. A-021178 and TO-030288, General Order No. R-518), § 480-73-999, filed 2/28/05, effective 3/31/05.]

OTS-3000.1

AMENDATORY SECTION (Amending WSR 08-12-045, filed 5/30/08, effective 6/30/08)

WAC 480-75-100 Definitions. "**Backfill**" means the material filled over the pipe after the pipe is lowered into a trench.

"**Bedding**" means the material placed in the bottom of a trench prior to laying a pipe.

"**Breakout tank**" means a tank that is used to relieve surges in a hazardous liquid pipeline system, or a tank used to receive and store hazardous liquid transported by a pipeline for reinjection and continued transportation by pipeline.

"**Hazardous liquid**" means (a) petroleum, petroleum products, or anhydrous ammonia as those terms are defined in 49 C.F.R. Part 195 and (b) carbon dioxide.

"Hazardous liquid pipeline" or **"pipeline"** means all parts of a pipeline facility through which hazardous liquid moves in transportation, including, but not limited to, line pipe, valves, and other appurtenances connected to line pipe, pumping units, fabricated assemblies associated with pumping units, metering and delivery stations and fabricated assemblies therein, and breakout tanks. It does not include all parts of a pipeline facility through which a hazardous liquid moves in transportation through refining or manufacturing facilities or storage or in-plant piping systems associated with such facilities, a pipeline subject to safety regulations of the United States Coast Guard, or a pipeline that serves refining, manufacturing, or truck, rail or vessel terminal facilities, if the pipeline is less than one mile long, measured outside facility grounds, and does not cross an offshore area or a waterway used for commercial navigation.

"Hazardous liquid pipeline company" or **"pipeline company"** means a person or entity constructing, owning, or operating a hazardous liquid pipeline, but does not include excavation contractors or other contractors that contract with a hazardous liquid pipeline company.

"Independent level alarm" means an alarm function actuated by a primary level sensing device that is separate and independent from any tank gauging equipment on the tank.

"Line pipe" or **"pipe"** means a tube, usually cylindrical, through which a hazardous liquid is transported from one point to another.

"Major construction" means any change in pipeline routing, either horizontally or depth, or replacement of existing pipe of one hundred feet or more in length.

"Maximum operating pressure (MOP)" means the maximum operating pressure at which a pipeline may be operated under 49 C.F.R. Part 195.

"New pipeline" means a new hazardous liquid pipeline that did not previously exist, or an extension of an existing pipeline of one hundred feet or longer.

"Person" means an individual, partnership, franchise holder, association, corporation, a state, a city, a county, or any political subdivision or instrumentality of a state, and its employees, agents, or legal representatives.

"Release" means when hazardous liquid escapes from the pipeline.

"Subsoiling" means the agricultural practice of breaking compact subsoil.

"Telephonic notification" means verbal notification by telephone to the Washington utilities and transportation commission, pipeline safety division using the pipeline safety incident notification telephone number ((~~1-888-321-9146~~)) (1-888-321-9144).

[Statutory Authority: RCW 80.01.040, 80.04.060, 81.88.040. WSR 08-12-045 (Docket PL-070974, General Order R-548), § 480-75-100, filed 5/30/08, effective 6/30/08. Statutory Authority: RCW 80.01.040 and 80.04.160. WSR 02-18-032 (Docket No. TO-000712, General Order No. R-500), § 480-75-100, filed 8/26/02, effective 9/26/02.]

OTS-2261.2

AMENDATORY SECTION (Amending WSR 19-14-118, filed 7/3/19, effective 8/3/19)

WAC 480-75-999 Adoption by reference. In this chapter, the commission adopts by reference all or portions of regulations and standards identified below. They are available for inspection at the commission library. The publications, effective dates, references within this chapter, and availability of the resources are as follows:

(1) **Title 49 Code of Federal Regulations**, cited as 49 C.F.R., Parts 190.221, 190.223, 195, 196, 198, and 199 including all appendices and amendments except for 49 C.F.R. Sections 195.0, 195.1, 199.1, 199.2, and 196.1 published by the United States Government Printing Office.

(a) The commission adopts the version in effect on (~~March 1, 2019~~) January 11, 2021.

(b) This publication is referenced in WAC 480-75-100 (Definitions), WAC 480-75-370 (Design factor (*F*) for steel pipe), WAC 480-75-250 (Civil penalty for violation of chapter 81.88 RCW), WAC 480-75-650 (Annual reports), and WAC 480-75-660 (Procedural manual for operations, maintenance, and emergencies).

(c) Copies of Title 49 Code of Federal Regulations are available from the U.S. Government Online Bookstore, <https://bookstore.gpo.gov/>.

(2) **The American Society of Mechanical Engineers (ASME) B31.4**, 2006 edition, October 20, 2006.

(a) This publication is referenced in WAC 480-75-350 (Design specifications for new pipeline projects), WAC 480-75-440 (Pipeline repairs), and WAC 480-75-450 (Construction specifications).

(b) Copies of ASME B31.4 are available from ASME, <https://www.asme.org/codes/>. It is also available for inspection at the commission.

(3) The 2007 edition, July 2007, of **Section IX of the ASME Boiler and Pressure Vessel Code**.

(a) This publication is referenced in WAC 480-75-430 (Welding procedures).

(b) Copies of the 2007 edition, of *Section IX of the ASME Boiler and Pressure Vessel Code* are available from ASME, <https://www.asme.org/codes/>. It is also available for inspection at the commission.

(4) The commission adopts **American Petroleum Institute (API) standard 1104** (20th edition 2005, including errata/addendum July 2007 and errata 2 (December 2008)).

(a) This publication is referenced in WAC 480-75-430 (Welding procedures) and WAC 480-75-460 (Welding inspection requirements).

(b) Copies of API standard 1104 (20th edition 2005, including errata/addendum July 2007 and errata December 2008) are available from the Office of API Publishing Services, <https://www.api.org/>. It is also available for inspection at the commission.

[Statutory Authority: RCW 80.10.040, 80.04.160, 81.04.160, and 34.05.353. WSR 19-14-118, § 480-75-999, filed 7/3/19, effective 8/3/19; WSR 18-13-106, § 480-75-999, filed 6/19/18, effective 7/20/18. Statutory Authority: RCW 80.01.040, 80.04.160, 81.04.160, and 34.05.353. WSR 17-15-054 (Docket A-170015, General Order R-589), § 480-75-999, filed 7/13/17, effective 8/13/17; WSR 16-05-035 (Docket A-151884, General Order R-585), § 480-75-999, filed 2/9/16, effective 3/11/16; WSR 14-05-001 (Docket A-131761, General Order R-574), § 480-75-999, filed 2/5/14, effective 3/8/14; WSR 13-05-023 (Docket

A-121496, General Order R-569), § 480-75-999, filed 2/11/13, effective 3/14/13; WSR 12-05-063 (Docket A-111722, General Order R-564), § 480-75-999, filed 2/15/12, effective 3/17/12; WSR 11-04-041 (Docket A-101466, General Order R-562), § 480-75-999, filed 1/25/11, effective 2/25/11; WSR 10-03-044 (Docket A-091124, General Order R-557), § 480-75-999, filed 1/14/10, effective 2/14/10; WSR 09-01-171 (Docket A-081419, General Order R-554), § 480-75-999, filed 12/23/08, effective 1/23/09. Statutory Authority: RCW 80.01.040, 80.04.060, 81.88.040. WSR 08-12-045 (Docket PL-070974, General Order R-548), § 480-75-999, filed 5/30/08, effective 6/30/08. Statutory Authority: RCW 80.01.040, 80.04.160, 80.28.210, 81.04.160, 81.88.020, and 34.05.353. WSR 06-14-052 (Docket A-060464, General Order No. R-535), § 480-75-999, filed 6/28/06, effective 7/29/06. Statutory Authority: RCW 80.01.040, 80.04.160, 81.04.160 and 34.05.353. WSR 05-21-022 (Docket No. A-050271, General Order No. R-521), § 480-75-999, filed 10/10/05, effective 11/10/05; WSR 04-01-152 (General Order No. R-511, Docket No. A-030852), § 480-75-999, filed 12/22/03, effective 1/22/04. Statutory Authority: RCW 80.01.040 and 80.04.160. WSR 02-18-032 (Docket No. TO-000712, General Order No. R-500), § 480-75-999, filed 8/26/02, 9/26/02. Statutory Authority: RCW 80.01.040, 80.04.160, 81.04.160, and 34.05.310. WSR 01-20-061 (Docket No. A-010827, General Order No. R-491), § 480-75-999, filed 9/28/01, effective 10/29/01.]

OTS-3001.1

AMENDATORY SECTION (Amending WSR 19-14-118, filed 7/3/19, effective 8/3/19)

WAC 480-90-999 Adoption by reference. In this chapter, the commission adopts by reference all or portions of regulations and standards identified below. They are available for inspection at the commission library. The publications, effective date, references within this chapter, and availability of the resources are as follows:

(1) **Title 18 Code of Federal Regulations**, cited as 18 C.F.R., including all appendices and amendments is published by the United States Government Publishing Office.

(a) The commission adopts the version in effect on April 1, (~~2018~~) 2021.

(b) The accounting and reporting for the types of transactions and events covered by the amendment should not be construed as indicative of their treatment by this commission for ratemaking purposes.

(c) This publication is referenced in WAC 480-90-203 (Accounting system requirements), WAC 480-90-244 (Transferring cash or assuming obligations), WAC 480-90-252 (Federal Energy Regulatory Commission (FERC) Form No. 2), and WAC 480-90-268 (Essential utilities services contracts report).

(d) Copies of Title 18 Code of Federal Regulations are available from the U.S. Government Publishing Office in Washington, D.C., or online at <https://www.gpo.gov/>, and from various third-party vendors. It is also available for inspection at the commission branch of the state library.

(2) The **Regulations to Govern the Preservation of Records of Electric, Gas, and Water Utilities** is published by the National Association of Regulatory Utility Commissioners (NARUC).

(a) The commission adopts the version in effect in 2007.

(b) This publication is referenced in WAC 480-90-228 (Retention and preservation of records and reports).

(c) The *Regulations to Govern the Preservation of Records of Electric, Gas, and Water Utilities* is a copyrighted document. Copies are available from NARUC, in Washington, D.C. or at NARUC publications store online: <https://www.naruc.org/resolutions-index/2007-annual-meeting-resolutions/>. It is also available for inspection at the commission branch of the state library.

[Statutory Authority: RCW 80.10.040, 80.04.160, 81.04.160, and 34.05.353. WSR 19-14-118, § 480-90-999, filed 7/3/19, effective 8/3/19; WSR 18-13-106, § 480-90-999, filed 6/19/18, effective 7/20/18. Statutory Authority: RCW 80.01.040, 80.04.160, 81.04.160, and 34.05.353. WSR 17-15-054 (Docket A-170015, General Order R-589), § 480-90-999, filed 7/13/17, effective 8/13/17; WSR 16-05-035 (Docket A-151884, General Order R-585), § 480-90-999, filed 2/9/16, effective 3/11/16; WSR 15-06-048 (Docket A-143302, General Order R-579), § 480-90-999, filed 3/2/15, effective 4/2/15; WSR 14-05-001 (Docket A-131761, General Order R-574), § 480-90-999, filed 2/5/14, effective 3/8/14; WSR 13-05-023 (Docket A-121496, General Order R-569), § 480-90-999, filed 2/11/13, effective 3/14/13; WSR 12-05-063 (Docket A-111722, General Order R-564), § 480-90-999, filed 2/15/12, effective 3/17/12; WSR 11-04-041 (Docket A-101466, General Order R-562), § 480-90-999, filed 1/25/11, effective 2/25/11; WSR 09-01-171 (Docket A-081419, General Order R-554), § 480-90-999, filed 12/23/08, effective 1/23/09; WSR 06-17-087 (Docket A-060475, General Order No. R-537), § 480-90-999, filed 8/14/06, effective 9/14/06; WSR 05-21-022 (Docket No. A-050271, General Order No. R-521), § 480-90-999, filed 10/10/05, effective 11/10/05; WSR 05-06-051 (Docket No. A-021178 and TO-030288, General Order No. R-518), § 480-90-999, filed 2/28/05, effective 3/31/05; WSR 04-01-152 (General Order No. R-511, Docket No. A-030852), § 480-90-999, filed 12/22/03, effective 1/22/04; WSR 02-18-033 (Docket No. A-020379, General Order No. R-501), § 480-90-999, filed 8/26/02, effective 9/26/02. Statutory Authority: RCW 80.01.040 and 80.04.160. WSR 01-11-003 (Docket No. UG-990294, General Order No. R-484), § 480-90-999, filed 5/3/01, effective 6/3/01.]

OTS-3002.1

AMENDATORY SECTION (Amending WSR 08-12-046, filed 5/30/08, effective 6/30/08)

WAC 480-93-005 Definitions. (1) "**Bar hole**" means a hole made in the soil or paving for the specific purpose of testing the subsurface atmosphere with a combustible gas indicator.

(2) "**Building**" means any structure that is normally or occasionally entered by humans for business, residential, or other purposes and where gas could accumulate.

- (3) "**Business district**" means an area where the public regularly congregates or where the majority of the buildings on either side of the street are regularly utilized, for financial, commercial, industrial, religious, educational, health, or recreational purposes.
- (4) "**C.F.R.**" means the Code of Federal Regulations.
- (5) "**Combustible gas indicator**" (**CGI**) means a device capable of detecting and measuring gas concentrations in air.
- (6) "**Commission**" means the Washington utilities and transportation commission.
- (7) "**Enclosed space**" means any subsurface structure of sufficient size that could accommodate a person and within which gas could accumulate, e.g., vaults, catch basins, and manholes.
- (8) "**Emergency notification line**" means ((~~1-888-321-9146~~)) 1-888-321-9144.
- (9) "**Follow-up inspection**" means an inspection performed after a repair has been completed in order to determine the effectiveness of the repair.
- (10) "**Gas**" means natural gas, flammable gas, or gas that is toxic or corrosive.
- (11) "**Gas associated substructures**" means those devices or facilities utilized by a gas pipeline company which are not intended for storing, transporting, or distributing gas, such as valve boxes, vaults, test boxes, and vented casing pipe.
- (12) "**Gas pipeline**" means all parts of a pipeline facility through which gas moves in transportation, including, but not limited to, line pipe, valves, and other appurtenances connected to line pipe, compressor units, metering stations, regulator stations, delivery stations, holders and fabricated assemblies. "Gas pipeline" does not include any pipeline facilities, other than a master meter system, owned by a consumer or consumers of the gas, located exclusively on the consumer or consumers' property, and none of the gas leaves that property through a pipeline.
- (13) "**Gas pipeline company**" means a person or entity constructing, owning or operating a gas pipeline for transporting gas. "Gas pipeline company" includes a person or entity owning or operating a master meter system. "Gas pipeline company" does not include excavation contractors or other contractors that contract with a gas pipeline company.
- (14) "**High occupancy structure or area**" means a building or an outside area (such as a playground, recreation area, outdoor theater, or other place of public assembly) that is occupied by twenty or more persons on at least five days a week for ten weeks in any twelve-month period. (The days and weeks need not be consecutive.)
- (15) "**Indication**" means a response indicated by a gas detection instrument that has not been verified as a reading.
- (16) "**LEL**" means the lower explosive limit of the gas being transported.
- (17) "**Line pipe**" or "**pipe**" means a tube, usually cylindrical, through which a hazardous liquid or gas is transported from one point to another.
- (18) "**MAOP**" means maximum allowable operating pressure.
- (19) "**Master meters system**" means a pipeline system for distributing gas within, but not limited to, a definable area, such as a mobile home park, housing project, or apartment complex, where the operator purchases metered gas from an outside source for resale through a gas distribution pipeline system. The gas distribution pipeline system

supplies the ultimate consumer who either purchases the gas directly through a meter or by any other means, such as by rents.

(20) "**Prompt action**" means to dispatch qualified personnel without undue delay.

(21) "**Psig**" means pounds per square inch gauge.

(22) "**Reading**" means a repeatable representation on a combustible gas indicator or equivalent instrument expressed in percent LEL or gas-air ratio.

(23) "**Record(s)**" means any electronic or paper document, map, database, report or drawing created by or kept by a gas pipeline company.

(24) "**Sniff test**" means a qualitative test utilizing both threshold and readily detectable methods for determining proper concentrations of odorant.

(25) "**Transmission line**" means a gas pipeline as defined in 49 C.F.R. § 192.3 on the date specified in WAC 480-93-999.

(26) "**Weak link**" means a device or method used when pulling polyethylene pipe to ensure that damage will not occur to the pipeline by exceeding the maximum tensile stresses allowed.

(27) Other terms that correspond to those used in 49 C.F.R. Parts 191, 192 and 199 (Minimum Federal Safety Standards for Gas Pipelines) must be construed as used therein on the date specified in WAC 480-93-999.

[Statutory Authority: RCW 80.01.040, 80.04.060 and 81.88.040. WSR 08-12-046 (Docket PG-070975, General Order R-549), § 480-93-005, filed 5/30/08, effective 6/30/08. Statutory Authority: RCW 80.01.040, 81.01.010, and 81.88.060. WSR 07-18-010 (Docket PG-061027, General Order R-544), § 480-93-005, filed 8/23/07, effective 9/23/07. Statutory Authority: RCW 80.04.160, 80.28.210(1), and 80.01.040(1). WSR 05-23-174 (Docket No. PG-050933, General Order No. R-524), § 480-93-005, filed 11/23/05, effective 12/24/05. Statutory Authority: RCW 80.04.160, 80.28.210, and 80.01.040. WSR 05-10-055 (Docket No. UG-011073, General Order No. R-520), § 480-93-005, filed 5/2/05, effective 6/2/05. Statutory Authority: RCW 80.01.040, 80.04.160, 81.04.160, and 34.05.310. WSR 01-20-061 (Docket No. A-010827, General Order No. R-491), § 480-93-005, filed 9/28/01, effective 10/29/01. Statutory Authority: RCW 80.01.040 and 80.28.210. WSR 95-13-082 (Order R-427, Docket No. UG-950061), § 480-93-005, filed 6/20/95, effective 7/21/95. Statutory Authority: RCW 80.01.040. WSR 92-16-100 (Order R-375, Docket No. UG-911261), § 480-93-005, filed 8/5/92, effective 9/5/92; Order R-100, § 480-93-005, filed 5/18/77. Formerly WAC 480-93-001.]

OTS-2262.2

AMENDATORY SECTION (Amending WSR 19-14-118, filed 7/3/19, effective 8/3/19)

WAC 480-93-999 Adoption by reference. In this chapter, the commission adopts by reference each of the regulations and/or standards identified below. Each regulation or standard is listed by publication, publisher, scope of what the commission is adopting, effective

date of the regulation or standard, the place within the commission's rules the regulation or standard is referenced, and where to obtain the regulation or standard.

(1) Parts 190.221, 190.223, 191, 192, 193, 196, 198, and 199 of Title 49 Code of Federal Regulations, including all appendices and amendments thereto as published by the United States Government Printing Office.

(a) The commission adopts the version of the above regulations that were in effect on (~~March 1, 2019~~) January 11, 2021, except the following sections are not adopted by reference: 191.1, 192.1(a), 193.2001(a), 196.1, 198.1, 199.1. In addition, please note that in WAC 480-93-013, the commission includes "new construction" in the definition of "covered task," as defined in 49 C.F.R. Sec. 192.801 (b)(2).

(b) This publication is referenced in WAC 480-93-005 (Definitions), WAC 480-93-015 (Odorization of gas), WAC 480-93-018 (Records), WAC 480-93-080 (Welder and plastic joiner identification and qualification), WAC 480-93-100 (Valves), WAC 480-93-110 (Corrosion control), WAC 480-93-124 (Pipeline markers), WAC 480-93-160 (Reporting requirements of proposed construction), WAC 480-93-170 (Tests and reports for gas pipelines), WAC 480-93-180 (Plans and procedures), WAC 480-93-223 (Civil penalty for violation of chapter 81.88 RCW and commission gas safety rules), and WAC 480-93-18601 (Leak classification and action criteria—Grade—Definition—Priority of leak repair).

(c) Copies of Title 49 Code of Federal Regulations are available from the U.S. Government Online Bookstore, <https://bookstore.gpo.gov/>. It is also available for inspection at the commission.

(2) Section IX of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code.

(a) The commission adopts the 2007 edition, July 1, 2007, of Section IX of the ASME Boiler and Pressure Vessel Code.

(b) This publication is referenced in WAC 480-93-080.

(c) Copies of Section IX of the ASME Boiler and Pressure Vessel Code (2007 edition, including addenda through July 1, 2005) are available from ASME, <https://www.asme.org/codes/>. It is also available for inspection at the commission.

(3) The American Petroleum Institute (API) standard 1104 (20th edition October 2005, including errata/addendum July 2007 and errata 2 (2008)).

(a) The commission adopts the 20th edition 2005, including errata/addendum July 2007 and errata 2 (2008) of this standard.

(b) This standard is referenced in WAC 480-93-080.

(c) Copies of API standard 1104 (20th edition 2005, including errata/addendum July 2007 and errata December 2008) are available from the Office of API Publishing Services, <https://www.api.org/>. It is also available for inspection at the commission.

[Statutory Authority: RCW 80.10.040, 80.04.160, 81.04.160, and 34.05.353. WSR 19-14-118, § 480-93-999, filed 7/3/19, effective 8/3/19; WSR 18-13-106, § 480-93-999, filed 6/19/18, effective 7/20/18. Statutory Authority: RCW 80.01.040, 80.04.160, 81.04.160, and 34.05.353. WSR 17-15-054 (Docket A-170015, General Order R-589), § 480-93-999, filed 7/13/17, effective 8/13/17; WSR 16-05-035 (Docket A-151884, General Order R-585), § 480-93-999, filed 2/9/16, effective 3/11/16; WSR 15-06-048 (Docket A-143302, General Order R-579), § 480-93-999, filed 3/2/15, effective 4/2/15; WSR 14-05-001 (Docket A-131761, General Order R-574), § 480-93-999, filed 2/5/14, effective

3/8/14; WSR 13-05-023 (Docket A-121496, General Order R-569), § 480-93-999, filed 2/11/13, effective 3/14/13; WSR 12-05-063 (Docket A-111722, General Order R-564), § 480-93-999, filed 2/15/12, effective 3/17/12; WSR 11-04-041 (Docket A-101466, General Order R-562), § 480-93-999, filed 1/25/11, effective 2/25/11; WSR 10-03-044 (Docket A-091124, General Order R-557), § 480-93-999, filed 1/14/10, effective 2/14/10; WSR 09-01-171 (Docket A-081419, General Order R-554), § 480-93-999, filed 12/23/08, effective 1/23/09. Statutory Authority: RCW 80.01.040, 80.04.060 and 81.88.040. WSR 08-12-046 (Docket PG-070975, General Order R-549), § 480-93-999, filed 5/30/08, effective 6/30/08. Statutory Authority: RCW 80.01.040, 80.04.160, 80.28.210, 81.04.160, 81.88.020, and 34.05.353. WSR 06-14-052 (Docket A-060464, General Order No. R-535), § 480-93-999, filed 6/28/06, effective 7/29/06. Statutory Authority: RCW 80.04.160, 80.28.210, and 80.01.040. WSR 05-10-055 (Docket No. UG-011073, General Order No. R-520), § 480-93-999, filed 5/2/05, effective 6/2/05. Statutory Authority: RCW 80.01.040, 80.04.160, 81.04.160, and 34.05.310. WSR 01-20-061 (Docket No. A-010827, General Order No. R-491), § 480-93-999, filed 9/28/01, effective 10/29/01.]

OTS-3003.1

AMENDATORY SECTION (Amending WSR 19-14-118, filed 7/3/19, effective 8/3/19)

WAC 480-100-999 Adoption by reference. In this chapter, the commission adopts by reference all or portions of regulations and standards identified below. The publications, effective date, references within this chapter, and availability of the resources are as follows:

(1) **Title 18 Code of Federal Regulations**, cited as 18 C.F.R., including all appendices and amendments is published by the United States Government Publishing Office.

(a) The commission adopts the version in effect on April 1, (~~2018~~) 2021.

(b) The accounting and reporting for the types of transactions and events covered by the amendment should not be construed as indicative of their treatment by this commission for ratemaking purposes.

(c) This publication is referenced in WAC 480-100-203 (Accounting system requirements), WAC 480-100-244 (Transferring cash or assuming obligations), WAC 480-100-252 (Federal Energy Regulatory Commission (FERC) Form No. 1), and WAC 480-100-268 (Essential utilities services contracts report).

(d) Copies of Title 18 Code of Federal Regulations are available from the U.S. Government Publishing Office in Washington D.C., or online at <https://www.gpo.gov/>, and from various third-party vendors. It is also available for inspection at the commission library.

(2) The **Regulations to Govern the Preservation of Records of Electric, Gas, and Water Utilities** is published by the National Association of Regulatory Utility Commissioners (NARUC).

(a) The commission adopts the version in effect in 2007.

(b) This publication is referenced in WAC 480-100-228 (Retention and preservation of records and reports).

(c) The *Regulations to Govern the Preservation of Records of Electric, Gas, and Water Utilities* is a copyrighted document. Copies are available from NARUC in Washington, D.C. or at NARUC publications store online: <https://www.naruc.org/resolutions-index/2007-annual-meeting-resolutions/>. It is also available for inspection at the commission branch of the state library.

(3) The **National Electrical Code** is published by the National Fire Protection Association (NFPA).

(a) The commission adopts the edition effective in 2017, including errata 70-17-1 published September 29, 2016, errata 70-17-2 published December 16, 2016, 70-17-3 published January 11, 2017, ((and)) 70-17-4 published March 13, 2017, errata 70-21-1 published October 10, 2019, errata 70-20-2 published December 23, 2019, and errata 70-20-3 published March 10, 2020.

(b) This publication is referenced in WAC 480-100-163 (Service entrance facilities).

(c) The National Electrical Code is a copyrighted document. Copies are available from the NFPA at 1 Batterymarch Park, Quincy, Massachusetts 02169, or at internet address <https://www.nfpa.org/>.

(4) The **American National Standard for Electric Meters: Code for Electricity Metering**, ANSI C12.1 is published by the American National Standards Institute.

(a) The commission adopts the version published in 2016.

(b) This publication is referenced in WAC 480-100-318 (Meter readings, multipliers, and test constants), WAC 480-100-338 (Accuracy requirements for electric meters), and WAC 480-100-343 (Statement of meter test procedures).

(c) The ANSI C12.1 is a copyrighted document. ANSI C12.1 - 2016 is available at American National Standards Institute website <https://webstore.ansi.org/> (PDF) or at IHS Standards Store website <https://global.ihs.com/> (PDF and print).

[Statutory Authority: RCW 80.10.040, 80.04.160, 81.04.160, and 34.05.353. WSR 19-14-118, § 480-100-999, filed 7/3/19, effective 8/3/19; WSR 18-13-106, § 480-100-999, filed 6/19/18, effective 7/20/18. Statutory Authority: RCW 80.01.040, 80.04.160, 81.04.160, and 34.05.353. WSR 17-15-054 (Docket A-170015, General Order R-589), § 480-100-999, filed 7/13/17, effective 8/13/17; WSR 16-05-035 (Docket A-151884, General Order R-585), § 480-100-999, filed 2/9/16, effective 3/11/16; WSR 15-06-048 (Docket A-143302, General Order R-579), § 480-100-999, filed 3/2/15, effective 4/2/15; WSR 14-05-001 (Docket A-131761, General Order R-574), § 480-100-999, filed 2/5/14, effective 3/8/14; WSR 13-05-023 (Docket A-121496, General Order R-569), § 480-100-999, filed 2/11/13, effective 3/14/13; WSR 12-05-063 (Docket A-111722, General Order R-564), § 480-100-999, filed 2/15/12, effective 3/17/12; WSR 11-04-041 (Docket A-101466, General Order R-562), § 480-100-999, filed 1/25/11, effective 2/25/11; WSR 10-03-044 (Docket A-091124, General Order R-557), § 480-100-999, filed 1/14/10, effective 2/14/10; WSR 09-01-171 (Docket A-081419, General Order R-554), § 480-100-999, filed 12/23/08, effective 1/23/09; WSR 06-17-087 (Docket A-060475, General Order No. R-537), § 480-100-999, filed 8/14/06, effective 9/14/06; WSR 05-21-022 (Docket No. A-050271, General Order No. R-521), § 480-100-999, filed 10/10/05, effective 11/10/05; WSR 05-06-051 (Docket No. A-021178 and TO-030288, General Order No. R-518), § 480-100-999, filed 2/28/05, effective 3/31/05; WSR 04-01-152 (General Order No. R-511, Docket No. A-030852), § 480-100-999, filed 12/22/03, effective 1/22/04; WSR 02-18-033 (Docket No. A-020379, Gen-

eral Order No. R-501), § 480-100-999, filed 8/26/02, effective 9/26/02. Statutory Authority: RCW 80.01.040 and 80.04.160. WSR 01-11-004 (Docket No. UE-990473, General Order No. R-482), § 480-100-999, filed 5/3/01, effective 6/3/01.]

OTS-2263.2

AMENDATORY SECTION (Amending WSR 19-14-118, filed 7/3/19, effective 8/3/19)

WAC 480-108-999 Adoption by reference. In this chapter, the commission adopts by reference all or portions of regulations and standards identified below. The publications, effective date, references within this chapter, and availability of the resources are as follows:

(1) The National Electrical Code is published by the National Fire Protection Association (NFPA).

(a) The commission adopts the edition effective ((2017)) 2020, including errata ((70-17-1)) 70-20-1 published ((September 29, 2016)) October 10, 2019, errata ((70-17-2)) 70-20-2 published December ((16, 2016, 70-17-3 published January 11, 2017, 70-17-4 published March 13, 2017, 70-17-5 published May 9, 2018, and 70-17-06 published July 5, 2018)) 23, 2019, errata published March 10, 2020, and errata on NEC Handbook published February 6, 2020.

(b) This publication is referenced in WAC 480-108-040 (General terms and conditions of interconnection).

(c) The National Electrical Code is a copyrighted document. Copies are available from the NFPA at 1 Batterymarch Park, Quincy, Massachusetts, 02169 or at internet address <https://www.nfpa.org/>.

(2) National Electrical Safety Code (NESC).

(a) The commission adopts the 2017 edition.

(b) This publication is referenced in WAC 480-108-040 (General terms and conditions of interconnection).

(c) Copies of the National Electrical Safety Code are available from the Institute of Electrical and Electronics Engineers at <https://standards.ieee.org/nesc>.

(3) Institute of Electrical and Electronics Engineers (IEEE) Standard 1547-2018, Standard for Interconnection and Interoperability of Distributed Energy Resources with Associated Electric Power Systems Interfaces.

(a) The commission adopts the version published April 6, 2018.

(b) This publication is referenced in WAC 480-108-040 (General terms and conditions of interconnection).

(c) Copies of IEEE Standard 1547 are available from the Institute of Electrical and Electronics Engineers at <https://www.ieee.org>.

(4) Institute of Electrical and Electronics Engineers (IEEE) Standard C37.90, IEEE Standard for Relays and Relay Systems Associated with Electric Power Apparatus.

(a) The commission adopts the version published in 2005 and reaffirmed in 2011.

(b) This publication is referenced in WAC 480-108-040 (General terms and conditions of interconnection).

(c) Copies of IEEE Standard C37.90 are available from the Institute of Electrical and Electronics Engineers at <https://www.ieee.org>.

(5) Institute of Electrical and Electronics Engineers (IEEE) Standard 519, Recommended Practices and Requirements for Harmonic Control in Electrical Power Systems.

(a) The commission adopts the version published June 11, 2014.

(b) This publication is referenced in WAC 480-108-040 (General terms and conditions of interconnection).

(c) Copies of IEEE Standard 519 are available from the Institute of Electrical and Electronics Engineers at <https://www.ieee.org>.

(6) Institute of Electrical and Electronics Engineers (IEEE) Standard 141, Recommended Practice for Electric Power Distribution for Industrial Plants.

(a) The commission adopts the version published in 1993 and reaffirmed in 1999.

(b) This publication is referenced in WAC 480-108-040 (General terms and conditions of interconnection).

(c) Copies of IEEE Standard 141 are available from the Institute of Electrical and Electronics Engineers at <https://www.ieee.org>.

(7) Institute of Electrical and Electronics Engineers (IEEE) Standard 142, Recommended Practice for Grounding of Industrial and Commercial Power Systems.

(a) The commission adopts the version published in 2007.

(b) This publication is referenced in WAC 480-108-040 (General terms and conditions of interconnection).

(c) Copies of IEEE Standard 142 are available from the Institute of Electrical and Electronics Engineers at <https://www.ieee.org>.

(8) Underwriters Laboratories (UL), including UL Standard 1741, Inverters, Converters, Controllers and Interconnection Systems Equipment for Use with Distributed Energy Resources.

(a) The commission adopts the version published January 28, 2010.

(b) This publication is referenced in WAC 480-108-040 (General terms and conditions of interconnection).

(c) UL Standard 1741 is available from Underwriters Laboratory at <https://www.ul.com>.

(9) Occupational Safety and Health Administration (OSHA) Standard at 29 C.F.R. 1910.269.

(a) The commission adopts the version published on (~~November 18, 2016~~) February 18, 2020, effective (~~January 17, 2017~~) February 18, 2020.

(b) This publication is referenced in WAC 480-108-040 (General terms and conditions of interconnection).

(c) Copies of Title 29 Code of Federal Regulations are available from the U.S. Government Online Bookstore, <https://bookstore.gpo.gov/>, and from various third-party vendors.

[Statutory Authority: RCW 80.10.040, 80.04.160, 81.04.160, and 34.05.353. WSR 19-14-118, § 480-108-999, filed 7/3/19, effective 8/3/19; WSR 18-13-106, § 480-108-999, filed 6/19/18, effective 7/20/18. Statutory Authority: RCW 80.01.040, 80.04.160, 81.04.160, and 34.05.353. WSR 17-15-054 (Docket A-170015, General Order R-589), § 480-108-999, filed 7/13/17, effective 8/13/17; WSR 16-05-035 (Docket A-151884, General Order R-585), § 480-108-999, filed 2/9/16, effective 3/11/16; WSR 15-06-048 (Docket A-143302, General Order R-579), § 480-108-999, filed 3/2/15, effective 4/2/15; WSR 14-05-001 (Docket A-131761, General Order R-574), § 480-108-999, filed 2/5/14, effective 3/8/14. Statutory Authority: RCW 80.01.040 and 80.04.160. WSR

13-15-089 (Docket UE-112133, General Order R-571), § 480-108-999, filed 7/18/13, effective 8/18/13. Statutory Authority: RCW 80.01.040, 80.04.160, 81.04.160, and 34.05.353. WSR 13-05-023 (Docket A-121496, General Order R-569), § 480-108-999, filed 2/11/13, effective 3/14/13; WSR 12-05-063 (Docket A-111722, General Order R-564), § 480-108-999, filed 2/15/12, effective 3/17/12; WSR 11-04-041 (Docket A-101466, General Order R-562), § 480-108-999, filed 1/25/11, effective 2/25/11; WSR 10-03-044 (Docket A-091124, General Order R-557), § 480-108-999, filed 1/14/10, effective 2/14/10; WSR 09-01-171 (Docket A-081419, General Order R-554), § 480-108-999, filed 12/23/08, effective 1/23/09. Statutory Authority: RCW 80.01.040 and 80.04.160. WSR 07-20-059 (Docket UE-060649, General Order 545), § 480-108-999, filed 9/27/07, effective 10/28/07; WSR 06-07-017 (Docket No. UE-051106, General Order No. R-528), § 480-108-999, filed 3/6/06, effective 4/6/06.]

OTS-2264.2

AMENDATORY SECTION (Amending WSR 19-14-118, filed 7/3/19, effective 8/3/19)

WAC 480-109-999 Adoption by reference. In this chapter, the commission adopts by reference all, or portions of, the publications identified below. They are available for inspection at the commission library. The publications, publication dates, references within this chapter, and availability of the resources are as follows:

(1) *Northwest Conservation and Electric Power Plan* as published by the Northwest Power and Conservation Council.

(a) The commission adopts the seventh version published in 2016.

(b) This publication is referenced in WAC 480-109-100 Energy efficiency resource standard.

(c) Copies of *Seventh Northwest Conservation and Electric Power Plan* are available from the Northwest Power and Conservation Council at (~~(<https://www.nwccouncil.org/energy/powerplan/7/plan/>)~~) <https://www.nwccouncil.org/reports/seventh-power-plan>.

(2) *Weatherization Manual* as published by the Washington state department of commerce.

(a) The commission adopts the version published in (~~(November 2018)~~) January 2021.

(b) This publication is referenced in WAC 480-109-100 Energy efficiency resource standard.

(c) Copies of *Weatherization Manual* are available from the Washington state department of commerce at (~~(<https://www.commerce.wa.gov/wp-content/uploads/2013/01/Wx-Manual-2018-Nov-1.docx>)~~) <https://www.commerce.wa.gov/growing-the-economy/energy/weatherization-and-energy-efficiency/weatherization-program-documents/>.

(3) The unit energy savings values as published by the Northwest Power and Conservation Council's Regional Technical Forum.

(a) The commission adopts the unit energy savings with status of "Active" or "Under Review" on (~~(January 10, 2019)~~) February 24, 2021.

(b) This information is referenced in WAC 480-109-100 Energy efficiency resource standard.

(c) The spreadsheets containing the unit energy savings values are available for download at <https://rtf.nwcouncil.org/measures>.

(4) The standard protocols as published by the Northwest Power and Conservation Council's Regional Technical Forum.

(a) The commission adopts the standard protocols with status of "Active" or "Under Review" on (~~January 10, 2019~~) February 24, 2021.

(b) This information is referenced in WAC 480-109-100 Energy efficiency resource standard.

(c) The spreadsheets containing the standard protocols are available for download at <https://rtf.nwcouncil.org/standard-protocols>.

[Statutory Authority: RCW 80.10.040, 80.04.160, 81.04.160, and 34.05.353. WSR 19-14-118, § 480-109-999, filed 7/3/19, effective 8/3/19; WSR 18-13-106, § 480-109-999, filed 6/19/18, effective 7/20/18. Statutory Authority: RCW 80.01.040, 80.04.160, 81.04.160, and 34.05.353. WSR 17-15-054 (Docket A-170015, General Order R-589), § 480-109-999, filed 7/13/17, effective 8/13/17; WSR 16-05-035 (Docket A-151884, General Order R-585), § 480-109-999, filed 2/9/16, effective 3/11/16. Statutory Authority: RCW 80.01.040, 80.04.160, and 19.285.080. WSR 15-07-043 (Docket UE-131723, General Order R-578), § 480-109-999, filed 3/12/15, effective 4/12/15.]

OTS-2265.2

AMENDATORY SECTION (Amending WSR 19-14-118, filed 7/3/19, effective 8/3/19)

WAC 480-120-999 Adoption by reference. In this chapter, the commission adopts by reference all or portions of regulations and standards identified below. They are available for inspection at the commission library. The publications, effective dates, references within this chapter, and availability of the resources are as follows:

(1) **American National Standards for Telecommunications** - "*Network Performance Parameters for Dedicated Digital Services for Rates Up To and Including DS3 - Specifications*" (ATIS 0100510) is published by the American National Standards Institute (ANSI).

(a) The commission adopts the version in effect on December 29, 1999, and reaffirmed 2013.

(b) This publication is referenced in WAC 480-120-401 (Network performance standards).

(c) The American National Standards for Telecommunications "*Network Performance Parameters for Dedicated Digital Services for Rates Up To and Including DS3 - Specifications*" is a copyrighted document. Copies are available from ANSI in Washington, D.C. and from various third-party vendors.

(2) **The Institute of Electrical And Electronic Engineers (IEEE) Standard Telephone Loop Performance Characteristics** (ANSI/IEEE Std 820-2005) is published by the ANSI and the IEEE.

(a) The commission adopts the version in effect as published in 2005.

(b) This publication is referenced in WAC 480-120-401 (Network performance standards).

(c) *The IEEE Standard Telephone Loop Performance Characteristics* is a copyrighted document. Copies are available from ANSI and IEEE in Washington, D.C. and from various third-party vendors.

(3) **The National Electrical Safety Code** is published by the IEEE.

(a) The commission adopts the 2017 edition.

(b) This publication is referenced in WAC 480-120-402 (Safety).

(c) *The National Electrical Safety Code* is a copyrighted document. Copies are available from IEEE in Washington, D.C. and from various third-party vendors.

(4) **Title 47 Code of Federal Regulations**, cited as 47 C.F.R., is published by the United States Government Printing Office.

(a) For this publication as referenced in WAC 480-120-359 (Accounting requirements for companies not classified as competitive) and WAC 480-120-349 (Retaining and preserving records and reports), the commission adopts the version of the relevant sections in effect on October 1, (~~(2018)~~) 2020.

(b) For this publication as referenced in WAC 480-120-202 (Customer proprietary network information), WAC 480-120-146 (Changing service providers from one local exchange company to another), and any other reference in chapter 480-120 WAC, the commission adopts the version of the relevant sections in effect on October 1, (~~(2018)~~) 2020.

(c) The (~~(2018)~~) 2020 version of C.F.R. Title 47 is available from the U.S. Government Online Bookstore, <https://bookstore.gpo.gov/>, and from various third-party vendors.

[Statutory Authority: RCW 80.10.040, 80.04.160, 81.04.160, and 34.05.353. WSR 19-14-118, § 480-120-999, filed 7/3/19, effective 8/3/19; WSR 18-13-106, § 480-120-999, filed 6/19/18, effective 7/20/18. Statutory Authority: RCW 80.01.040, 80.04.160, 81.04.160, and 34.05.353. WSR 17-15-054 (Docket A-170015, General Order R-589), § 480-120-999, filed 7/13/17, effective 8/13/17. Statutory Authority: Chapter 19.122 RCW, RCW 19.122.053, 80.01.040, and 80.04.160. WSR 15-08-043 (Docket UT-140680, General Order R-580), § 480-120-999, filed 3/26/15, effective 4/26/15. Statutory Authority: RCW 80.01.040, 80.04.160, 81.04.160, and 34.05.353. WSR 13-05-023 (Docket A-121496, General Order R-569), § 480-120-999, filed 2/11/13, effective 3/14/13; WSR 12-05-063 (Docket A-111722, General Order R-564), § 480-120-999, filed 2/15/12, effective 3/17/12; WSR 11-04-041 (Docket A-101466, General Order R-562), § 480-120-999, filed 1/25/11, effective 2/25/11. Statutory Authority: RCW 80.01.040 and 80.04.160. WSR 10-07-094 (Docket A-091124, General Order R-558), § 480-120-999, filed 3/19/10, effective 4/19/10. Statutory Authority: RCW 80.01.040, 80.04.160, 81.04.160, and 34.05.353. WSR 09-01-171 (Docket A-081419, General Order R-554), § 480-120-999, filed 12/23/08, effective 1/23/09; WSR 06-17-087 (Docket A-060475, General Order No. R-537), § 480-120-999, filed 8/14/06, effective 9/14/06; WSR 05-21-022 (Docket No. A-050271, General Order No. R-521), § 480-120-999, filed 10/10/05, effective 11/10/05. Statutory Authority: RCW 80.01.040 and 80.04.160. WSR 05-03-031 (Docket No. UT 040015, General Order No. R-516), § 480-120-999, filed 1/10/05, effective 2/10/05; WSR 03-01-065 (Docket No. UT-990146, General Order No. R-507), § 480-120-999, filed 12/12/02, effective 7/1/03.]

OTS-2266.2

AMENDATORY SECTION (Amending WSR 19-14-118, filed 7/3/19, effective 8/3/19)

WAC 480-123-999 Adoption by reference. In this chapter, the commission adopts by reference all or portions of regulations and standards identified below. They are available for inspection at the commission branch of the Washington state library. The publications, effective dates, references within this chapter, and availability of the resources are as follows:

- (1) The Cellular Telecommunications and Internet Association's (CTIA) Consumer Code for Wireless Service.
 - (a) The commission adopts the version in effect on January 1, 2017.
 - (b) This publication is referenced in WAC 480-123-030 (contents of petition for eligible telecommunications carriers).
 - (c) Copies of the CTIA Consumer Code for Wireless Service are available at <https://www.ctia.org/initiatives/voluntary-guidelines/consumer-code-for-wireless-service>.
- (2) Title 47, Code of Federal Regulations, cited as 47 C.F.R., is published by the United States Government Printing Office.
 - (a) The commission adopts the version in effect on October 1, (~~2018~~) 2020.
 - (b) This publication is referenced in WAC 480-123-010 (Federal universal service contracts), WAC 480-123-060 (Annual certification of eligible telecommunications carriers), WAC 480-123-070 (Annual certifications and reports), WAC 480-123-100 (Prerequisites for requesting program support), and WAC 480-123-110 (Petitions for eligibility to receive program support).
 - (c) The (~~2018~~) 2020 version of C.F.R. Title 47 is available from the U.S. Government Online Bookstore, <https://bookstore.gpo.gov/>, and from various third-party vendors.

[Statutory Authority: RCW 80.10.040, 80.04.160, 81.04.160, and 34.05.353. WSR 19-14-118, § 480-123-999, filed 7/3/19, effective 8/3/19. Statutory Authority: RCW 80.01.040, 80.04.160, 81.04.160, and 34.05.353. WSR 17-15-054 (Docket A-170015, General Order R-589), § 480-123-999, filed 7/13/17, effective 8/13/17. Statutory Authority: Chapter 19.122 RCW, RCW 19.122.053, 80.01.040, and 80.04.160. WSR 15-08-043 (Docket UT-140680, General Order R-580), § 480-123-999, filed 3/26/15, effective 4/26/15. Statutory Authority: RCW 80.01.040, 80.04.160, 81.04.160, and 34.05.353. WSR 13-05-023 (Docket A-121496, General Order R-569), § 480-123-999, filed 2/11/13, effective 3/14/13; WSR 12-05-063 (Docket A-111722, General Order R-564), § 480-123-999, filed 2/15/12, effective 3/17/12; WSR 09-01-171 (Docket A-081419, General Order R-554), § 480-123-999, filed 12/23/08, effective 1/23/09. Statutory Authority: RCW 80.01.040, 80.04.160, 80.36.600, and 80.36.610. WSR 06-14-051 (Docket No. UT-053021, General Order No. R-534), § 480-123-999, filed 6/28/06, effective 7/29/06.]