

918-251-0090

Definitions

For purposes of OAR chapter 918, divisions 251 through 311, unless otherwise specified, the following apply:

(1) "Appliance" as applied to the limited maintenance specialty contractor license established by ORS 479.630, means any built-in or permanently-connected electrical utilization equipment, not including lighting fixtures, other than industrial, that is installed or connected as a unit to perform one or more functions such as clothes washing, air conditioning, food mixing, deep frying, etc.

(2) "Approved" when referring to electrical product certification means approved in Oregon or for Oregon by the Electrical and Elevator Board.

(3) "Balance of system" as it relates to renewable electrical energy systems are those products, equipment, and systems for the conversion, control and storage of electrical energy.

(4) "Board" means Electrical and Elevator Board.

(5) "Building" means a structure that stands alone or that is isolated from adjoining structures by area separation walls as identified in Chapter 7 of the **Oregon Structural Specialty Code** adopted in OAR chapter 918, division 460, with all openings therein protected by approved fire doors as required.

(6) "Certification Mark" is identification on an electrical product indicating that the product has been certified under ORS 479.760.

(7) "Certified Electrical Product" is an electrical product certified under ORS 479.760 to which a label or other identifying mark.

(8) "Continuously Employ" means a person, including a person leased from a worker leasing company licensed under ORS 656.850, during time periods when electrical work for which they are responsible is performed, devotes their entire time of employment to tasks of supervising, designing, laying out, planning, controlling, and making electrical installations for the electrical contractor for which the supervisor is registered as signing supervisor.

(9) "Custom Made" means electrical products that are designed for a specific purpose and location.

(10) "Document" means prepare records itemizing what was checked, why it was checked, when it was done, how it was checked, what was determined, and who did the work.

(11) "Electrical Specialty Code" means the National Electrical Code with Oregon amendments.

(12) "Electrical Specialty Code Inspector," formerly referred to as "A-Level Electrical Inspector," is a person certified to inspect under the **Oregon Electrical Specialty Code**.

(13) "Energy generation," as it relates to renewable electrical energy generation equipment, are those products, equipment, and systems in renewable electrical energy systems that produce or convert electrical energy.

(14) "Engineer" is an individual who has completed a minimum four-year degree program in electrical engineering or electrical technology with power specialty, from an accredited college or university and has received a Bachelor of Science degree.

(15) "Field Evaluation" means the evaluation of electrical products by an approved field evaluation firm.

(16) "Indorsement" is a designation within the restricted energy electrical area showing qualifications and training regarding a product area. It determines the scope of restricted energy electrical activity authorized under a restricted energy electrical license.

(17) "Industrial Electronic Equipment" means a device, appliance, motor, or machine regulated, operated, or controlled through fiber optics or by a combination of electron tubes, capacitors, resistors, impedance transformer, and relays; the control circuit, and/or the power circuits having electrons flowing through a vacuum, metallic vapor, gas tubes, or transistors as used in an industrial plant.

(18) "Industrial Plant", for purposes of licensing and electrical master permit inspection program, means an establishment engaged in industrial production, or service, or a school, hospital, sewer plant, water plant, commercial office building, building occupied by the state or a local government entity, or an institution. For purposes of the elevator program, "industrial plant" does not include a school, hospital, commercial office building, building occupied by the state or a local government entity, or an institution where the elevators are accessible to and used by persons other than the employees of that building.

(19) "Installation" includes external and field wiring, service contracts or warranties by the seller or manufacturer concerning the longevity of the equipment or parts after the original installation. It does not include "start-up" activities where new equipment is placed in service, and that type of work related to delivering and setting in place a piece of machinery.

(20) "Inverter", as it relates to renewable electrical energy generation equipment, is a product, equipment or system that converts direct current into alternating current.

(21) "Jurisdictional Inspector" is a state or municipal inspector having inspection responsibility within their jurisdiction over electrical products or their installation, or both.

(22) "Labeled" means a label, symbol or other identifying mark of a Nationally Recognized Testing Laboratory (NRTL), field evaluation firm or the division that is attached to an electrical product indicating the product is manufactured according to approved standards and tested or evaluated for specific end uses or both.

(23) "Lighting Fixture" is a complete lighting unit consisting of a lamp or lamps together with the parts designed to distribute the light, to position and protect the lamps, and to connect the lamp to the power supply.

(24) "Limited Energy System" means those systems that include Class 1, Class 2 or Class 3 systems as defined by Section 725.2 of NFPA 70 (National Electrical Code) and audio systems, communication systems and power-limited fire alarm systems, covered in the **Oregon Electrical Specialty Code**.

(25) "Listed Product" means a product was examined and accepted by a Nationally Recognized Testing Laboratory (NRTL) to meet a particular product standard and is maintained on a list of the listing laboratory.

(26) "Maintain" means to preserve electrical equipment in a good sound condition.

(27) "Maintenance" Compare with repair, replacement, and maintain for definition.

(28) "Minimum Electrical Installation Safety Code" means the adopted **Oregon Electrical Specialty Code**.

(29) "Nationally Recognized Testing Laboratory (NRTL)" means a laboratory recognized by the Federal Occupational Safety and Health Administration (OSHA) under 29 CFR 1910.7.

(30) "NEMA" means the National Electrical Manufacturers Association.

(31) "Off grid system" is a stand-alone system, connected to a structure, whose electrical systems are not connected to a utility-supplied electrical production and distribution network.

(32) "On grid system" is an electrical power system connected to a structure whose electrical systems are also connected to a utility-supplied electrical production and distribution network.

- (33) "Plug-in Replacement" is a part, component or assembly designed to be inserted directly into a mating receptacle or socket such as printed circuit boards, control relays, control harnesses or other equipment connected by a cord or cable and plug assembly. A plug-in replacement does not have any field wiring that is connected to the plug-in part or assembly.
- (34) "Power Circuitry" means that portion of the system, other than control, that provides electrical power to utilization equipment.
- (35) "Registered Professional Electrical Engineer" is an individual licensed by the State of Oregon Board of Engineering Examiners as a professional electrical engineer under OAR chapter 820, division 10.
- (36) "Renewable Electrical Energy System" as it relates to electrical energy generation, is the total components and subsystems that, in combination, convert wind energy, solar energy, micro-hydroelectricity, photovoltaic energy or fuel cell energy into electrical energy suitable for connection to a utilization load.
- (37) "Repair" means to restore worn or damaged parts to a good, sound condition by means other than replacement.
- (38) "Replacement" means substitution of complete units of damaged or worn equipment with similar new or used equipment of a size and rating that does not exceed the design capacity of the existing product.
- (39) "Signing Supervising Electrician" or "Signing Supervisor" is a licensed supervising electrician who has been authorized by the electrical contractor to sign permits.
- (40) "Similar Equipment," as applied to the limited maintenance specialty contractor license established by ORS 479.630(12), means components of light fixtures other than ballasts.
- (41) "Special Deputy" means a person certified by the board or Chief Electrical Inspector to perform special deputy inspections allowed under ORS 479.760.
- (42) "Stand-alone system" is a renewable electrical energy system that supplies power independently of an electrical production and distribution network.
- (43) "Up to the load side of the inverter", as it relates to electrical energy generation equipment, is the renewable electrical energy system equipment up to the alternating current connection terminals of the inverter. [Publications: Publications referenced are available from the agency.] Stat. Auth.: ORS 479.630 Stats. Implemented: ORS 479.730 Hist.: DC 10, f. 4-13-72, ef. 5-1-72; DC 12-1981, f. 9-29-81, ef. 10-1-81; DC 10-1982, f. & ef. 3-1- 82; Renumbered from 814-022-0105; BCA 44- 1991, f. & cert. ef. 12-26-91; BCD 19-1996, f. 9- 17-96, cert. ef. 10-1-96, Renumbered from 918- 260-0005; BCD 4-1999, f. & cert. ef. 4-1-99; BCD 23-2000, f. 9-29-00, cert. ef. 10-1-2000; BCD 5- 2001, f. 6-7-01, cert. ef. 7-1-01; BCD 23- 2001(Temp), f. 12-28-01, cert. ef. 1-1-02 thru 6- 29-02; BCD 9-2002, f. 3-29-02, cert. ef. 4-1-02; BCD 21-2002(Temp), f. 8-30-02, cert. ef. 9-1-02 thru 2-27-03; BCD 23-2002, f. 9-13-02 cert. ef. 10- 1-02; BCD 34-2002, f. 12-20-02, cert. ef. 1-1-03; BCD 12-2003(Temp), f. & cert. ef. 6-24-03 thru 10-31-03; BCD 15-2003, f. & cert. ef. 10-1-03; BCD 4-2004, f. 3-31-04, cert. ef. 4-1-04; BCD 3- 2007, f. 3-30-07, cert. ef. 4-1-07; BCD 5-2010, f. 5-14-10, cert. ef. 7-1-10; BCD 4-2011, f. & cert. ef. 3-11-11; BCD 21-2011, f. 7-26-11, cert. ef. 10-1-11

918-305-0005

Interpretations

All electrical interpretations dated prior to October 1, 2014, issued by the Building Codes Division are withdrawn. Stat. Auth.: ORS 479.730 Stats. Implemented: ORS 479.730 Hist.: BCD

19-2002, f. 8-1-02, cert. ef. 10-1-02; BCD 23-2004, f. 12-15-04, cert. ef. 4-1-05; BCD 6-2008, f. 3-7-08, cert. ef. 4-1-08; BCD 3-2011, f. 3-11-11, cert. ef. 4-1-11

918-305-0030

Other Codes or Publications that Impact Electrical Installations

Other codes and publications that impact electrical installations include, but are not limited to those listed below:

(1) Chapter 9 of the **Oregon Structural Specialty Code** relating to fire protection systems and Chapter 3 of the **Oregon Residential Specialty Code** relating to smoke alarm installations.

(2) ORS 455.420 requiring individual electric meters for dwelling units.

(3) The **Oregon Energy Efficiency Specialty Code**, and chapter 11 of the **Oregon Residential Specialty Code** which address the energy efficiency issues of motors, electric lighting and other electric equipment; and

(4) Chapter 16 and 17 of the **Oregon Structural Specialty Code** which addresses the seismic requirements of nonstructural components and special inspection requirements.

(5) Publications and requirements of the serving utility.

(6) Public Law 101-336, the Americans with Disabilities Act, Part III; Department of Justice Regulations of Friday, July 26, 1991; 28 CFR Part 36, as amended, including the 2010 ADA Standards for Accessible Design and Public Law 100-430, the Fair Housing Act and the regulations adopted thereunder.

(7) Chapter 11 of the **Oregon Structural Specialty Code** which relates to the Americans with Disabilities Act for mounting height requirements for electrical and communication receptacles located in affected buildings and structures.

(8) The interconnection of all net-metering facilities and solar photovoltaic systems operated as interconnected power production sources shall comply with the **Oregon Electrical Specialty Code**. In addition, the interconnection of all netmetering facilities utilizing solid-state inverters shall comply with OAR 860-039 Net Metering.

(9) **Oregon Manufactured Dwelling Installation Specialty Code**. The electrical installations shall be in accordance with the requirements of the **Oregon Electrical Specialty Code**.

(10) The electrical portions of the installation or product standards identified in OAR 918-306-0005. These standards are informational only and are to be used to clarify code intent. They may be used as installation guides when not specifically referenced or covered in the **Oregon Electrical Specialty Code**. Examples include, but are not limited to, the electrical sections of NFPA 20, NFPA 54, NFPA 99, NFPA 101, NFPA 110, NFPA 780 and NFPA 820. [Publications: Publications referenced are available from the agency.]

Stat. Auth.: ORS 479.730 Stats. Implemented: ORS 479.730 & 757.262 Hist.: DC 13-1987, f. & ef. 5-1-87; Renumbered from 814-022-0610; BCA 17-1990, f. 6-27-90, cert. ef. 7-1-90; BCA 12-1993, f. 6-23-93, cert. ef. 7-1-93; BCD 19-1996, f. 9-17-96, cert. ef. 10-1-96, Renumbered from 918-290-0020; BCD 1-2000, f. 1-6-00, cert. ef. 4-1-00; BCD 12-2000, f. 6-3-00, cert. ef. 7-1-00; BCD 23-2000, f. 9-29-00, cert. ef. 10-1-00; BCD 19-2002, f. 8-1-02, cert. ef. 10-1-02; BCD 23-2004, f. 12-15-04, cert. ef. 4-1-05; BCD 29-2005, f. 12-30-05, cert. ef. 1-1-06; BCD 6-2008, f. 3-7-08, cert. ef. 4-1-08; BCD 5-2010, f. 5-14-10, cert. ef. 7-1-10; BCD 4-2011, f. & cert. ef. 3-11-11; BCD 21-2011, f. 7-26-11, cert. ef. 10-1-11

918-305-0100

Adoption of Oregon Electrical Specialty Code

- (1) The **Oregon Electrical Specialty Code** is adopted pursuant to OAR chapter 918, Division 8.
- (2) Effective October 1, 2014, the 2014 **Oregon Electrical Specialty Code** consists of the following:
 - (a) **2014 Edition of the NFPA 70, National Electrical Code (NEC)**, and as further amended by the division in Table 1-E;
 - (b) **2012 Edition of the IEEE C2-2012, National Electrical Safety Code (NESC)**; and
 - (c) The electrical provisions of the **Oregon Elevator Specialty Code** adopted in OAR 918-400-0455.
- (3) In the event of a conflict between the NEC and NESC requirements, the NEC requirement, as amended in subsection (2) of this rule, applies.
- (4) As used in this rule:
 - (a) “ANSI” is the American National Standards Institute;
 - (b) “ASME” is the American Society of Mechanical Engineers;
 - (c) “IEEE” is the Institute of Electrical and Electronics Engineers; and
 - (d) “NFPA” is the National Fire Protection Association.

NOTE: Table 1-E is printed at the end of Division 305 and is available on the division’s website at <http://www.bcd.oregon.gov/rules.html#oar> [Publications: Publications referenced are available from the agency.]

[ED. NOTE: Tables referenced are not included in rule text. Click here for PDF copy of table(s).] Stat. Auth.: ORS 479.730 Stats. Implemented: ORS 479.730 Hist.: DC 13-1987, f. & ef. 5-1-87; Renumbered from 814-022-0600; BCA 17-1990, f. 6-27-90, cert. ef. 7-1-90; BCA 12-1993, f. 6-23-93, cert. ef. 7-1-93; BCD 19-1996, f. 9-17-96, cert. ef. 10-1-96, Renumbered from 918-290-0010; BCD 1-2000, f. 1-6-00, cert. ef. 4-1-00; BCD 19-2002, f. 8-1-02, cert. ef. 10-1-02; BCD 23-2004, f. 12-15-04, cert. ef. 4-1-05; BCD 6-2008, f. 3-7-08, cert. ef. 4-1-08; BCD 3-2011, f. 3-11-11, cert. ef. 4-1-11; BCD 5- 2013, f. 4-12-13, cert. ef. 5-1-13

918-305-0105

Amendments to the Oregon Electrical Specialty Code

The **Oregon Electrical Specialty Code** is amended pursuant to OAR chapter 918, Division 8. Amendments adopted for inclusion into the **Oregon Electrical Specialty Code** are placed in this rule, showing the section reference and a descriptive caption. Amendments to the **Oregon Electrical Specialty Code** are printed in their entirety in Table 1-E.

NOTE: Table 1-E is printed at the end of Division 305 and is available on the division’s website at <http://www.bcd.oregon.gov/rules.html#oar> [Publications: Publications referenced are available for review from the agency.] [ED. NOTE: Tables referenced are not included in rule text. Click here for PDF copy of table(s).] Stat. Auth.: ORS 479.730 Stats. Implemented: ORS 479.730 Hist.: BCD 23-2004, f. 12-15-04, cert. ef. 4-1-05; BCD 6-2008, f. 3-7-08, cert. ef. 4-1-08; BCD 3- 2011, f. 3-11-11, cert. ef. 4-1-11; BCD 5- 2012(Temp), f. & cert. ef. 6-7-12 thru 10-31-12; BCD 11-2012(Temp), f. 10-5-12, cert. ef. 1-1-13 thru 6-29-13; BCD 14-2012(Temp), f. 11-16-12, cert. ef. 1-1-13 thru 6-29-13; BCD 5-2013, f. 4-12- 13, cert. ef. 5-1-13

918-306-0005

Standards for Product Evaluations

The following standards shall be adopted for use when completing product evaluation:

- (1) NFPA standards on list dated October 1, 2014, maintained by the division titled “NFPA Standards”; and
- (2) UL standards on list dated October 1, 2014, maintained by the division titled “UL Standards.” Stat. Auth.: ORS 479.730 Stats. Implemented: ORS 479.730 Hist.: BCD 19-2002, f. 8-1-02, cert. ef. 10-1-02; BCD 23-2004, f. 12-15-04, cert. ef. 4-1-05

918-306-0010

Overview

- (1) ORS 479.610 establishes certification requirements for electrical products.
- (2) The certification process generally involves inspection, testing and evaluation of the product. This is done through:

- (a) Listing and application of listing label by a Nationally Recognized Testing Laboratory (NRTL);
- (b) Special Deputy Evaluation and Certification. A product can be submitted to the division for certification under ORS 479.760. The special deputy procedures, rules and limitations are located in OAR 918-306-0510 to 918-306-0530; or
- (c) Field Evaluation of Products. Field evaluation involves inspection, testing, evaluation and application of an evaluation label utilizing the 2014 NFPA Recommended Practice and Procedures for Unlabeled Electrical Equipment Evaluation.

[Publications: Publications referenced are available from the agency.] Stat. Auth.: ORS 479.730 Stats. Implemented: ORS 479.730 Hist.: BCD 19-1996, f. 9-17-96, cert. ef. 10-1-96; BCD 23-2000, f. 9-29-00, cert. ef. 10-1-00; Suspended by BCD 12-2003(Temp), f. & cert. ef. 6-24-03 thru 10-31-03; BCD 15-2003, f. & cert. ef 10-1-03; BCD 4-2004, f. 3-31-04, cert. ef. 4-1-04

918-309-0070

Miscellaneous

Special fees are established for the following items in lieu of fees set under OAR 918-309-0060.

- (1) Permit for each domestic water or sewage pump, irrigation pump or circle and its associated controls, excluding service fee, \$63;
 - (a) Single Circuit. If a well pump or sewage pump and its associated controls are serviced from the house main service, and the pump is installed and ready for inspection, no additional fee is charged. If the pump is installed by another contractor or later, an additional pump fee and a new permit is necessary under this part;
 - (b) Feeder. If the well has a subpanel, there is a fee for the feeder from the main service to the subpanel and a fee for branch circuits. If the pump is installed later, or by another contractor, a new permit and pump fee is required;
 - (c) Separate Service. If the well has separate service the fee is based on the service (amps) and the number of branch circuits. If the pump is installed later, or by a different contractor, a new permit and pump fee is required.
- (2) Permit for the installation of each electrical sign or outline lighting system supplied by a single branch circuit, \$63.

- (3) Each limited energy circuit panel, one or more air-conditioning or heater thermostats installed at a job site, multiple circuit terminal board or installation or extension of limited energy circuits, \$63.
- (4) The permit fees in this rule, except as noted in subsection (11), are for up to two inspections and are charged in addition to other fees for electrical service.
- (5) Note the exception under OAR 918-309-0030(3)(a)(A) dealing with residential limited energy.
- (6) Installation of signal circuits in buildings over three floors. Each floor in excess of three shall be considered a separate panel for the purpose of calculating fees.
- (7) Fees for Inspections in Excess of Those Allowed Under OAR 918-309-0030 through 918-309-0060. Charge for each additional inspection to be paid in advance unless requested by a bonded electrical contractor using the bulk label system, \$55.
- (8) Fees for Other Inspections not Covered by This Rule. All inspections not provided in this rule shall be charged at \$86 per hour including travel and office time with a minimum charge of one hour.
- (9) Fees for Bulk Labels:
- (a) Bulk labels sold only to electrical contractors, \$25 per label;
 - (b) Contractors working under a bulk label system are billed for any difference in the cost of the bulk label and the cost of the permit fees required in this rule.
- (10) The fee for swimming pools shall be permitted as provided in OAR 918-309-0040 and 918-309-0060. The inspection of the grounding of the pool shall be included in the permit for the pool and counted as one of the number of allowed inspections under the permit.
- (11) Permit fees for renewable electrical energy systems. For renewable electrical energy permit applications, see OAR 918-309-0410. For repairs and maintenance of renewable electrical energy systems, see OAR 918-309-0220(5).
- (a) (A) 5 KVA or less: \$79;
 - (B) 5.01 KVA to 15 KVA: \$94;
 - (C) 15.01 KVA to 25 KVA: \$156.
 - (b) For wind generation systems in excess of 25KVA:
 - (A) 25.01 KVA to 50 KVA: \$204;
 - (B) 50.10 KVA to 100 KVA: \$469;
 - (C) For wind generation systems that exceed 100 KVA the permit fee shall be calculated in accordance with OAR 918-309-0040.
 - (c) For solar generation systems in excess of 25KVA:
 - (A) Each additional KVA over 25 will be charged an additional \$6.25 per KVA.
 - (B) The permit charge will not increase beyond the calculation for 100 KVA.
 - (d) Permits issued under this sub-section include three inspections. Additional inspections will be billed at an hourly rate.
- (12) Work Commencing before permit issuance. Any person who commences electrical work on a building or structure before obtaining the necessary permits shall be subject to an investigative fee. The amount of the investigative fee shall be the average or actual additional cost of ensuring that a building or structure is in conformance with the **Oregon Electrical Specialty Code** and shall be in addition to the required permit fees. Stat. Auth.: ORS 479.870 Stats. Implemented: ORS 455.083 & 479.870 Hist.: BCA 16-1990, f. 6-27-90, cert. ef. 7-1-90; BCA 6-1991(Temp), f. 3-21-91, cert. ef. 7-1-91; BCA 10-1991, f. 4-26-91, cert. ef. 7-1-91; BCD

19-1996, f. 9-17-96, cert. ef. 10-1-96; Renumbered from 918-260-0260; BCD 9-1998(Temp), f. 6-2- 98, cert. ef. 7-1-98 thru 12-27-98; BCD 18-1998, f. 9-30-98, cert. ef. 10-1-98; BCD 19-1999, f. 12-30-99, cert. ef. 1-1-00; BCD 23-2000, f. 9-29-00, cert. ef. 10-1-00; BCD 9-2001(Temp), f. 8-15-01, cert.ef. 9-4-01 thru 3-3-02; BCD 10-2001, f. 9-28-01, cert. ef. 10-1-01; BCD 23-2001(Temp), f. 12-28- 01, cert. ef. 1-1-02 thru 6-29-02; BCD 4-2002, f. 3- 8-02, cert. ef. 4-1-02; BCD 9-2002, f. 3-29-02, cert. ef. 4-1-02; BCD 13-2010, f. 9-30-10, cert. ef. 10-1-10

918-309-0080

Temporary Electrical Permit Rule

(1) Authority and Scope of Rule. This rule:

(a) Is required by ORS 479.550;

(b) Applies to the Building Codes Division and all municipalities that enforce the electrical laws;

(c) Can only be used by a licensed electrical contractor.

(2) Definitions. For the purposes of this rule only, the following definitions are adopted:

(a) “Emergency Electrical Work” is an acute, unplanned and immediate need for electrical repair

or replacement involving an existing electrical installation or product or both;

(b) “Licensed Electrical Contractor” or “Contractor” means any type of electrical contractor licensed by the Building Codes Division;

(c) “Jurisdiction” means the Building Codes Division, a municipality enforcing the electrical laws or municipality issuing electrical permits having authority over the electrical work;

(d) “Unanticipated Electrical Work” is electrical work, including a new installation, requested by a customer where the timing of a request for commencement of work does not reasonably allow the contractor time to obtain an electrical permit before starting the work:

(A) This includes, but is not limited to, additional work assigned at the work site as well as

preassigned work when the customer requests service at an unplanned date or time;

(B) This does not include electrical work where a permit already exists covering all or part of the work.

(3) Temporary Permit. A jurisdiction shall recognize the existence of a temporary electrical permit when the contractor encounters “emergency electrical work” or “unanticipated electrical work,” complies with section (4) of this rule and does electrical work.

(4) Temporary Permit Procedures. The contractor must comply with subsection (a) of this section and with one of the requirements of subsections (b) to (d) of this section:

(a) Prior to commencing work, the contractor shall fill out a standard form electrical permit application for any jurisdiction, identify the proper jurisdiction, identify the contractor, and provide

the electrical contractor and Construction Contractors Board identifications:

(A) The standard permit application form

covering electrical installations can be used in any transaction, except the fees shall be that of the

jurisdiction where the work is done;

(B) A restricted energy electrical application can only be used if the work is strictly covered by that permit;

(C) The temporary permit must be signed by the journeyman or technician that does the work or by a supervising electrician;

(D) A copy must be posted at the job site marked "temporary permit," showing the starting work date and the ending date of the temporary permit. The ending date shall not be more than seven days from the starting date.

(b) FAX a copy to the jurisdiction and mail the original with proper payment to the jurisdiction all within five days of the start of the work;

(c) If the jurisdiction does not have a FAX machine, telephone the jurisdiction informing it of the time, place and type of work that was started within 24 hours of the opening for business by the jurisdiction, and mail a copy of the completed application and payment within seven days of the start of the work; or

(d) If the jurisdiction has a recording device, call in the time, place and type of work within 12 hours of the start of work and complete the electrical permit application and payment within seven days of the start of the work.

(5) If bulk label or minor label procedures are appropriate for the electrical installation and are allowed by the jurisdiction, those procedures may be followed in lieu of the requirements of this rule.

(6) An inspection shall be requested at any time following the temporary permit procedures. A jurisdiction may, but is not required to, require permit fees before providing an inspection.

(7) Burden of Proof and Assumed Risks. The contractor who uses this rule has:

(a) The burden of proving that an "emergency" or "unanticipated electrical work" existed which justified using this rule; and

(b) Assumes all risks that are inherent with starting electrical installations before review and approval by the jurisdiction.

(8) In addition to civil penalties that may be assessed for violation of this rule, the use of this rule may be suspended, restricted or denied to a contractor who violates this rule more than once. Stat. Auth.: ORS 479.540(1), 479.550 & 479.730(5) Stats. Implemented: ORS 455.083 & 479.550 Hist.: BCA 17-1992, f. & cert. ef. 9-1-92; BCD 19- 1996, f. 9-17-96, cert. ef. 10-1-96; Renumbered from 918-260-0265

918-309-0100

Master Permit Program Under ORS 479.560(3)

(1) Authority for Rule. This rule is authorized by ORS 479.560, only deals with electrical master permits and shall not be interpreted as changing any licensing requirement.

(2) Definitions. For the purpose of this rule:

(a) "Applicant" is an owner, building operating manager or an electrical contractor of a covered facility who complies with ORS 479.630;

(b) "Covered Facility" is one or more industrial plants as defined in OAR 918-251-0090 or any successor rule; commercial office buildings; buildings owned, leased, managed or operated by a

state or local government entity; or other facilities designated by the board:

(A) Under common ownership or operating management;

- (B) Located within the boundaries of the same inspecting jurisdiction; and
- (C) Within the same complex or contiguous lots located at the same geographic site.

(c) “Inspecting Jurisdiction” is the state or municipality having authority to inspect a covered facility under a master permit program.

(d) “Master Permit” is an annual permit issued under ORS 479.560 and these rules by the inspecting jurisdiction.

(3) Additional Facilities Designated by the Board. “Covered facilities” also include:

(a) Where only a single building or structure is involved, the grounds and adjacent facilities under common control or management that make up the complex containing the building or structure;

(b) Isolated buildings and structures in multiple sites within the area served by the inspecting jurisdiction that individually meet the definition of “covered facility” but only when acceptable by both the inspecting jurisdiction and owner or operating manager; and

(c) Incidental buildings and structures adjacent or connected to a commercial office building, industrial plant, government building or building designated by the board, provided the building or structure is under the same ownership or management as the covered facility.

(4) Scope of Master Permit Program:

(a) Under ORS 479.540 which allows electrical master permit for “repair, alteration replacement of existing electrical products,” an “electrical product replacement” includes installing a product in place of another that shall not exceed the capacity or design of the existing electrical system;

(b) The following do not constitute “repair, alteration or replacement of existing electrical products” and require a separate permit and inspection:

(A) Electrical installations in a new building shell, structural retrofits, installation or alteration

of load bearing walls, foundations or exit passageways;

(B) Any electrical installation in connection with changing the type of use or occupancy classification of the building or structure;

(C) Any addition which increases the square footage of the building or structure;

(D) Remodeling within an occupied existing shell which results in:

(i) Vacation of more than 25 percent of occupants within a floor or building resulting from remodel;

(ii) Termination of a tenant’s usual activities for more than ten working days; or

(iii) Construction that involves more than 25 percent of the contiguous area of any floor.

(E) Electrical installations a part of construction within a covered facility that also involve a plumbing, structural or mechanical permit other than a master permit under ORS 455.154.

(5) Interpretation. Who can use a master permit:

(a) A master permit shall only be provided to an electrical contractor, owner or operating manager responsible for all electrical installations in the whole covered facility;

- (b) An owner, electrical contractor or operating manager of a covered facility can obtain a permit only if appropriately licensed electricians are to do the work.
- (6) Operation of the Master Permit Program:
- (a) An applicant electing to have a covered building inspected under the master permit program shall take out a master permit with the inspecting jurisdiction and pay required fees;
- (b) If applicant is an owner or operating manager, applicant shall file a roster with the inspecting jurisdiction of all electricians currently employed by applicant showing name, electrical license number and type of electrical license, and all electrical contractors whose work is included under a master permit taken out by the owner or operating manager. The roster must be filed at the same time as the permit application:
- (A) When an electrical contractor under a continuing retainer ceases to serve the covered facility, notice of termination shall be filed with the inspecting jurisdiction by the permit holder within ten working days of termination;
- (B) An updated roster shall be available to the inspecting jurisdiction at any regularly scheduled inspection;
- (C) An updated roster shall be filed with the inspecting jurisdiction at each master permit renewal.
- (c) If applicant is an owner, operating manager or contractor, applicant shall:
- (A) Create and keep records of all electrical work done under the master permit, show the person doing the work, electrical license number, date of work and have the records available for the electrical inspector at the covered facility at site or sites agreed to in writing with the inspecting jurisdiction. If there is no written agreement, each building shall have a record of electrical work done and of persons employed electrically for that building and its adjacent facilities;
- (B) Set up an inspection schedule with the inspecting jurisdiction which shall be at least once a year;
- (C) Call for inspections when necessary under the electrical requirements and not cover electrical work until an inspection is performed;
- (D) Call for immediate inspections, if applicant chooses to discontinue the electrical master permit program. All future work must be by separate permit and inspection.
- (7) Enforcement. The inspecting jurisdiction shall:
- (a) Report and document all electrical licensing violations by a person holding an electrical master permit to the board;
- (b) Take enforcement actions against persons who violate the scope of the master permit or compliance requirement and report the violations and actions taken to the board; and
- (c) Make inspections at more frequent intervals to insure that licensing and scope of master permit requirements are being complied with.
- (8) Limited Maintenance Electrician. Work by a limited maintenance electrician licensed under ORS 479.630 and performed under the scope of that license can be combined with a master permit program, provided separate records are kept and there is an annual inspection.
- (9) Operations by Electrical Contractors. Electrical contractors:

- (a) Shall be issued a separate master permit only if the contractor is a general electrical contractor, has a licensed signing supervisor on staff and is authorized by the owner or operating manager;
- (b) Can work under the master permit of the applicant if the work is recorded together with the applicant's electrical installations and the work is within the scope of the contractor's license; and
- (c) Shall comply with the applicable requirements of section (6) of this rule.

(10) Inspection Fees:

- (a) A person obtaining a master inspection permit does not have to pay the normal permit inspection fees of the inspecting jurisdiction for installations within the scope of the permit. A separate permit, fees and individual inspections are required for installations outside the scope of a master permit;
- (b) By the Division. Building Codes Division inspection charges are the division's miscellaneous fee for hourly inspections where no specific fee category is established, OAR 918-309-0070(5) and successor rules;
- (c) By Municipalities. Municipal inspection charges shall be the municipality's miscellaneous fee for hourly inspections where no specific fee category is established;
- (d) A one-time, set-up fee may be charged by the inspecting jurisdiction when a master permit is obtained, which shall not exceed \$100;
- (e) To determine time charges, the "cost of making the inspection" in ORS 479.560 includes the inspector's travel time from the inspector's office to return, actual lodging and per diem expenses as established by the jurisdiction and preparation and review of reports whether this is done at the plant or at the inspector's office. The lodging and per diem expenses shall not exceed the standard amounts allowed by the inspecting jurisdiction.

(11) Delegation Standards. Delegation shall only be granted to municipalities that also serve essentially the same area with basic electrical inspection services:

- (a) A municipality requesting delegation of the master permit program shall, in addition to the notice required by ORS 455.148 or 455.150, file an application prior to January 1 of the year for which delegation is requested and provide:
 - (A) The number of master permits anticipated to be issued and the names of electrical inspectors certified to inspect under the **Oregon Electrical Specialty Code** who are or will be assigned to the program;
 - (B) A master permit inspection operating plan. Initial applicants, excluding those who were doing industrial plant inspections under contract with the division on the effective date of this rule, shall also show what arrangements are to be operational on July 1;
 - (C) An agreement with each surrounding inspecting jurisdiction having covered facilities crossing municipal boundaries, providing who will inspect each covered facility, if the facility elects to be inspected under the master permit program. The agreement:
 - (i) Shall cover all electrical inspections for the facility;
 - (ii) May identify specific facilities but shall also include a method of determining who shall serve those facilities that become operational or make elections during the term of the agreement; and

(iii) Shall show how fees will be established for the complete covered facility that elects to be inspected under the master permit program.

(D) An authorization to the division that if the agreement in paragraph (C) of this subsection fails to include a contingency or method of resolving a contingency and there is any disagreement between the jurisdictions over who should serve a complete facility, the division is authorized to immediately assign the facility to an inspecting jurisdiction as it deems appropriate and that each will enter into intergovernmental agreements as needed to carry out the assignment;

(E) A prototype agreement with a facility that crosses municipal boundaries covering the terms and conditions of electrical inspection services unless other arrangements are made which gives the municipality enforcement and fee setting authority over the complete facility.

(b) Delegation shall only be granted where it is affirmatively found that the jurisdiction is clearly able to perform the new master permit program with no loss of efficiency or effectiveness to its basic electrical inspection program.

(12) Renewal of Delegation:

(a) Prior to January 1 of any year, when the municipality applies for renewal of the master permit program, it shall provide a report of number of master permits issued and number inspected during the prior calendar year. It shall be granted the delegation automatically if its basic electrical program is also renewed, unless the division expressly notifies the municipality to the contrary by April 30;

(b) All notices of discontinuation of the master permit program shall be filed by the same date shown in subsection (a) of this section;

(c) All amendments to the filing made under section (11) of this rule should be filed as soon as amendments are available, but no later than the date shown in subsection (a) of this section to allow review by division staff. Stat. Auth.: ORS 479.560 Stats. Implemented: ORS 479.560 Hist.: BCA 2-1992(Temp), f. 2-28-92, cert. ef. 3- 18-92; BCA 11-1992, f. & cert. ef. 6-26-92; BCD 28-1994, f. & cert. ef. 12-1-94; BCD 19-1996, f. 9- 17-96, cert. ef. 10-1-96; Renumbered from 918- 260-0350