

# ELECTRICAL CURRENTS

A Newsletter from the Office of L&I Chief Electrical Inspector Wayne Molesworth

June 2022

## Question of the Month

How long after receiving a correction notice from L&I does a permit holder have to correct a noncompliant installation?

See the correct answer on page 2

## 01 Electrical Contractors – Now is the Time to Become a Training Agent.

The passage of [Substitute Senate Bill 6126](#) in 2018 has changed how new journey level electricians are certified. Requirements brought on by this legislation affect every contractor with trainees that are training to become 01 general journey level electricians. Nothing changes for specialty contractors or trainees who work for them.

To be ready for July 1, 2023:

- Contractors have to become registered apprenticeship training agents to employ trainees learning the work of 01 journey level electricians.
- Trainees doing the kind of work limited to journey level electricians must be registered apprentices in the same apprenticeship as their training agent (employer).

Trainees will not qualify for 01 examinations after July 1, 2023 without completing apprenticeship requirements.

**Contractors:** Find information about becoming a training agent at:

<https://lni.wa.gov/licensing-permits/apprenticeship/offer-a-registered-apprenticeship>.

**Trainees:** Learn about becoming an apprentice at:

<https://lni.wa.gov/licensing-permits/apprenticeship/become-an-apprentice>.

Find recognized 01 General Journey Level Apprenticeship Programs in your county:

[Area 1 Inside Electrical JATC](#) – Clark, Klickitat, Skamania, Cowlitz, and Pacific. (Program regulated by Oregon)

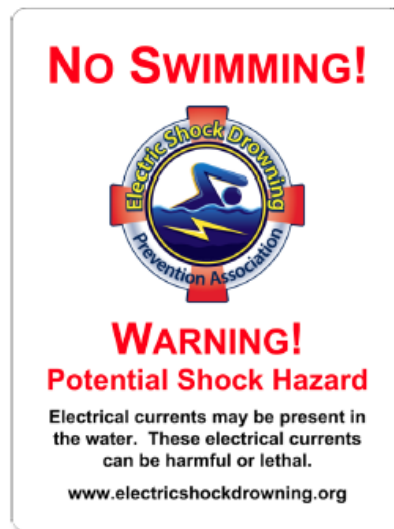
[Electrical Management Group of Washington](#) – Clark, Cowlitz, Wahkiakum, Pacific, Lewis Asotin, Benton, Columbia, Franklin, Garfield, Kittitas, and Walla Walla Counties.

[Construction Industry Training Council of Washington - Construction Electrician](#) – All counties in Washington.

[Frontier Apprenticeship & Training](#) (Frontier Electric of Washington employees only) – Clark, Cowlitz, Lewis, Skamania.

[IBEW 48 NECA-IBEW Electrical JATC](#) – Clark, Cowlitz, Klickitat, Skamania, Wahkiakum. (Program regulated by Oregon)

[Inland Empire Electrical Training Trust](#) – Adams, Ferry, Lincoln, Pend Oreille, Spokane, Stevens, Whitman.



## Safety Tip of the Month

Do not allow yourself or others to swim near a dock or marina where electrical power is present. Stray leakage current in the water can paralyze or kill. If you must enter the water to work on a boat or dock, turn off and lock out all sources of electricity first.

This document may contain hyperlinks to internet web pages.

Access this PDF document online at:

<https://lni.wa.gov/licensing-permits/electrical/electrical-currents-newsletter/>

Electrical Section Internet Address: <https://www.lni.wa.gov/> -

Select Licensing & Permits, then Electrical

[LU 112 - NECA Electrical Apprenticeship Committee](#) – Asotin, Benton, Columbia, Franklin, Garfield, Walla Walla, Yakima, Kittitas.

[Northwest Washington Electrical Industry Joint Apprenticeship and Training Committee](#) – Chelan, Douglas, Grant, Island, Okanogan, San Juan, Skagit, Snohomish, Whatcom.

[Performance Electrical Apprenticeship Committee](#) (Boone Electric Construction BOONEEC952BM employees only) - Pierce, King, Thurston, Lewis, Snohomish, Spokane, Pend Oreille, Stevens, Lincoln, Whitman

[Puget Sound Electrical Joint Apprenticeship and Training Committee](#) – Jefferson, King, Kitsap, Clallam,

[Southwest Washington Electrical Joint Apprenticeship and Training Committee](#) – Pacific, Lewis, Grays Harbor, Mason, Pierce, Thurston.

[Titan Electrical Apprenticeship & Training](#) (Titan Electrical LLC TITANEL877RD employees only) - Chelan, Douglas, Grant, Kittitas, Klickitat, Yakima, Benton, Franklin, Walla Walla, Adams, Lincoln, Snohomish, King, Pierce

[Tradesmen Apprenticeship & Comprehensive Training](#) (Tradesmen Electric employees only) – Clark, Cowlitz, Lewis, Skamania.

## Fees for Meter/Mast Repair and or Replacement

[WAC 296-46B-910](#)(1)(c)(ii) and (2)(b)(ii) set fees for the maintenance/repair of a meter/mast (no alteration to the service or feeder) at \$49.40 for residential and \$91.20 for commercial repairs. This subsection's lower fees are intended to cover the inspection cost for wind, weather, vehicular, meter terminal failure, or other damage to existing meter/mast systems. Work includes the replacement or repair of the meter, mast, and/or conductors up to the first point of termination on the service or building disconnecting means. Any relocation of the mast or meter and overhead/underground conversions need to be permitted as altered services. A meter/mast repair is not the replacement of equipment housing a service or building disconnect.

## Hold-Down Accessories for Plug-In Back-Fed Circuit Breakers

When back feeding a panel with a plug-in type circuit breaker or plug-in type main lug assembly, only accessories included in the panel manufacturer's instructions are allowed to hold down a back-fed device. The panel manufacturer's hold down accessory is the only approvable method to comply with NEC 408.36(D).

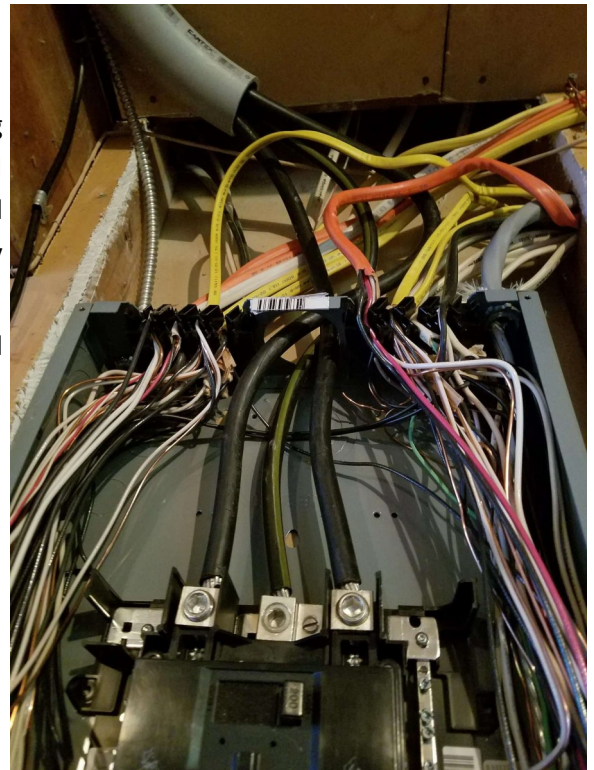
*Exception:* Listed interactive power production sources are excluded from this requirement by NEC 705.12(E)

## Answer to Question of the Month:

Fifteen calendar days - [RCW 19.28.101](#), [WAC 296-46B-901 \(15\)](#). We do send you 2 letters to help remind you.

**Picture of the Month:** *If viewing this document online, Click on the picture to open a larger image.*

Too many corrections to list? Most egregious? Open conductors passing through a sharp metal hole? Conduit incomplete? What do you think?



This document may contain hyperlinks to internet web pages.

Access this PDF document online at: <https://lni.wa.gov/licensing-permits/electrical/electrical-currents-newsletter/>

Electrical Section Internet Address: <https://www.lni.wa.gov/> - Select Licensing & Permits, then Electrical

This document is available in alternative formats to accommodate persons with disabilities. For assistance, call 1-800-547-8367. (TDD/TTY users, please call 360-902-5797.) Labor & Industries is an Equal Opportunity employer.