

IN THE HOUSE OF REPRESENTATIVES

HOUSE BILL NO. 704

BY STATE AFFAIRS COMMITTEE

AN ACT

1 RELATING TO THE ELECTRICAL CODE; REPEALING SECTION 54-1001, IDAHO CODE, RE-
2 LATING TO A DECLARATION OF POLICY; AMENDING CHAPTER 10, TITLE 54, IDAHO
3 CODE, BY THE ADDITION OF A NEW SECTION 54-1001, IDAHO CODE, TO PROVIDE
4 FOR THE ADOPTION OF A CERTAIN ELECTRICAL CODE AND TO PROVIDE FOR CERTAIN
5 MODIFICATIONS OF SUCH CODE; AMENDING CHAPTER 10, TITLE 54, IDAHO CODE,
6 BY THE ADDITION OF A NEW SECTION 54-1001A, IDAHO CODE, TO PROHIBIT LO-
7 CAL GOVERNMENTS FROM REQUIRING THE INSTALLATION OF AN ELECTRIC VEHICLE
8 CIRCUIT AS PART OF ANY NEW HOME CONSTRUCTION; AND DECLARING AN EMERGENCY
9 AND PROVIDING AN EFFECTIVE DATE.
10

11 Be It Enacted by the Legislature of the State of Idaho:

12 SECTION 1. That Section [54-1001](#), Idaho Code, be, and the same is hereby
13 repealed.

14 SECTION 2. That Chapter 10, Title 54, Idaho Code, be, and the same is
15 hereby amended by the addition thereto of a NEW SECTION, to be known and des-
16 ignated as Section 54-1001, Idaho Code, and to read as follows:

17 54-1001. IDAHO ELECTRICAL CODE. (1) The 2023 National Electrical
18 Code, NFPA 70, is hereby adopted by the Idaho legislature with the modi-
19 fications provided for in this subsection. Provided, however, that this
20 subsection shall not be construed to eliminate, replace, or alter any other
21 exemptions that currently exist within the 2023 National Electrical Code,
22 NFPA 70, and that apply to the modifications provided for in this subsection.

23 (a) Section 210.8(A) shall apply in full. However, for one-family and
24 two-family dwelling units, section 210.8(A)(1)-(12) shall be replaced
25 as follows:

26 (A) One- and Two-Family Dwelling Units. All 125-volt, single-
27 phase, 15- and 20- ampere receptacles installed in the locations
28 specified in 210.8(A)(1) through (7) shall have ground-fault cir-
29 cuit-interrupter protection for personnel:

- 30 1. Bathrooms
- 31 2. Outdoors
- 32 3. Kitchens
- 33 4. Sinks - located in areas other than kitchens where recep-
34 tacles are installed within one and eight tenths (1.8) me-
35 ters (six (6) feet) of the outside edge of the sink
- 36 5. Boathouses
- 37 6. Bathtubs or shower stalls - where receptacles are in-
38 stalled within one and eight tenths (1.8) meters (six (6)
39 feet) of the outside edge of the bathtub or shower stall
- 40 7. Indoor damp and wet locations

1 (b) Section 210.8(B) (1) - (15) is replaced as follows:

2 (B) Other Than Dwelling Units. All single-phase recepta-
3 cles rated 150 volts to ground or less, 50 amperes or less and
4 three-phase receptacles rated 150 volts to ground or less, 100
5 amperes or less installed in the following locations shall have
6 ground-fault circuit-interrupter protection for personnel:

- 7 1. Bathrooms
- 8 2. Kitchens
- 9 3. Rooftops
- 10 4. Outdoors
- 11 5. Sinks - located in kitchens and areas other than kitchens
12 where receptacles are installed within one and eight tenths
13 (1.8) meters (six (6) feet) of the outside edge of the sink
- 14 6. Indoor damp or wet locations
- 15 7. Locker rooms with associated showering facilities
- 16 8. Aquariums, bait wells, and similar open aquatic vessels
17 or containers, such as tanks or bowls, where receptacles are
18 installed within one and eight tenths (1.8) meters (six (6)
19 feet) from the top inside edge or rim or from the conductive
20 support framing of the vessel or container
- 21 9. Bathtubs and shower stalls where receptacles are in-
22 stalled within one and eight tenths (1.8) meters (six (6)
23 feet) of the outside edge of the bathtub or shower stall.

24 (c) Section 210.8(D) is replaced as follows:

25 (D) Specific Appliances. GFCI protection shall be provided for
26 the branch circuit or outlet supplying the following appliances
27 rated 150 volts or less to ground and 60 amperes or less, single- or
28 3-phase:

- 29 1. Automotive vacuum machines only where receptacles are
30 installed within one and eight tenths (1.8) meters (six (6)
31 feet) from the top inside edge or rim or from the conductive
32 support framing of the automotive vacuum machine
- 33 2. Drinking water coolers and bottle fill stations
- 34 3. High-pressure spray washing machines
- 35 4. Sump pumps

36 (d) Section 210.8(F) is replaced as follows:

37 (F) For dwellings, all outdoor outlets, other than those covered
38 in 210.8A, Exception No. 1, including outlets installed in the
39 following locations, and supplied by single-phase branch circuits
40 rated 150 volts or less to ground, 50 amperes or less, shall be pro-
41 vided with GFCI protection:

- 42 1. Boathouses

1 (e) Section 210.12(B) shall apply in full. However, in one-family and
2 two-family dwelling units, arc-fault circuit-interrupter protection
3 shall not apply.

4 (f) Section 422.5(A) is replaced as follows:

5 (A) General. Appliances identified in 422.5(A)(1) through
6 (A)(4) 150 volts or less to ground and 60 amperes or less, single-
7 or 3-phase, shall be provided with Class A GFCI protection for
8 personnel. Multiple Class A GFCI protective devices shall be per-
9 mitted but shall not be required.

10 1. Automotive vacuum machines only where receptacles are
11 installed within one and eight tenths (1.8) meters (six (6)
12 feet) from the top inside edge or rim or from the conductive
13 support framing of the automotive vacuum machine

14 2. Drinking water coolers and bottle fill stations

15 3. Cord-and-plug-connected high-pressure spray washing ma-
16 chines

17 4. Sump pumps

18 (2) The 2023 National Electrical Code, NFPA 70, except as provided for
19 in subsection (1) of this section, together with any other amendments, re-
20 visions, or modifications by the Idaho electrical board through negotiated
21 rulemaking shall collectively constitute and be named the Idaho electrical
22 code. All installations in the state of Idaho of wires and equipment to con-
23 vey electric current and installations of apparatus to be operated by such
24 current, except as provided in this chapter, shall be made substantially in
25 accord with the Idaho electrical code.

26 SECTION 3. That Chapter 10, Title 54, Idaho Code, be, and the same is
27 hereby amended by the addition thereto of a NEW SECTION, to be known and des-
28 ignated as Section 54-1001A, Idaho Code, and to read as follows:

29 54-1001A. ELECTRIC VEHICLE CIRCUIT MANDATES RESTRICTED. No city,
30 county, incorporated or unincorporated area, special use district, or any
31 other local governmental entity of any kind shall require the installation
32 of an electric vehicle circuit as part of any new home construction.

33 SECTION 4. An emergency existing therefor, which emergency is hereby
34 declared to exist, this act shall be in full force and effect on and after
35 July 1, 2024.