

Final Interpretation

Subject: Unwanted Ground-Fault Circuit Interrupter Tripping Events on Electrical Appliances

References: Section **210.8(A)(6)** -- **2023 NEC** and **326B.27**

Submitted by: Tim Kunkel

Approved by: Minnesota Board of Electricity, by Chair Trevor Turek Date received: June 26, 2025

Issue date: July 14, 2025

Question: Can the department interpret the 2023 National Electrical Code under section 90.4 to grant “special permission” when an appliance or equipment technologies are incompatible with ground-fault circuit interrupter (GFCI) protection?

Answer: Yes, the authority having jurisdiction (AHJ), the department, may grant special permission under section 90.4 of the 2023 National Electrical Code when the required GFCI protection is incompatible with specific appliances or equipment technologies.

When such permissions are granted and the conditions are found to be problematic statewide, the department will notify industry contractors and stakeholders of the associated conditions and protocols.

Commentary: The board considered this request for interpretation and made a determination regarding the final interpretation at the July 8, 2025, regular board meeting. All persons present who wished to speak on the topic were given a full and fair opportunity to do so. As required by Minnesota Statutes § 326B.127, subdivision 5, the board may consider this final interpretation for adoption as part of the Minnesota Electrical Code.

Date: July 14, 2025



Trevor Turek, Chair
Minnesota Board of Electricity