



Dawn Michele Bellis
Secretary, Standards Council

18 April 2025*

To: Interested Parties

Subject:

Standards Council Decision (Final):	D#25-1
Standards Council Agenda Item:	SC#25-4-6-d
Date of Decision:	10 April 2025
TIA No. 1809 on NFPA 70®, <i>National Electrical Code</i> ®, 2023 and Proposed 2026 editions	

Dear Interested Parties:

At its meeting of April 9-10, 2025, the Standards Council considered an appeal on the above referenced matter. The Council's Final decision is now available and is attached herewith.

Sincerely,

A handwritten signature in black ink that reads "Dawn Michele Bellis".

Dawn Michele Bellis
Secretary, NFPA Standards Council

cc: S. Gallagher, D. McGonagle, C. Duffy, and J. Sargent, NFPA Staff
Members, Correlating Committee of the National Electrical Code (NEC-AAC)
Members, Code-Making Panel 17 (NEC-P17)
Members, NFPA Standards Council (AAD-AAA)
Individuals Providing Appeal Commentary

*NOTE: Participants in NFPA's standards development process should know that limited review of this decision may be sought from the NFPA Board of Directors. For the rules describing the available review and the method for petitioning the Board for review, please consult section 1-7 of the Regulations Governing the Development of NFPA Standards and the NFPA Regulations Governing Petitions to the Board of Directors from Decisions of the Standards Council (see www.nfpa.org/regs). Notice of the intent to file such a petition must be submitted to the Clerk of the Board of Directors within 15 calendar days of the publication date of this Decision.



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SUMMARY OF ACTION (for convenience only; not part of official decision): The Standards Council voted to uphold the appeal to overturn the NEC Correlating Committee ballot results and issue TIA No. 1809.

DECISION:

At its meeting of April 9-10, 2025, the Standards Council considered an appeal from E.P. Hamilton, III of Hamilton & Associates. The appeal requested that the Standards Council overturn the NEC Correlating Committee ballot results and issue TIA No. 1809 for the 2023 and proposed 2026 editions of NFPA 70®, *National Electrical Code*®. Specifically, the appeal requests that the revisions proposed to section 680.21(C) be approved to revise requirements of ground-fault circuit interrupters (“GFCI”) used in conjunction with variable speed motors controlled by an adjustable speed drive in swimming pool applications.

As background, TIA No. 1809 achieved the necessary $\frac{3}{4}$ support of NEC Code-Making Panel 17 on technical merit and on emergency nature. However, the TIA failed to achieve the necessary support of the NEC Correlating Committee (CC) when balloted on correlation.

On appeal, the Council accords great respect and deference to the NFPA standards development process. In conducting its review, the Council will overturn the results of that process only where a clear and substantial basis for doing so is demonstrated. The Council has reviewed the entire record concerning this matter and has considered all the arguments put forth in this appeal. In particular, the Council considered a letter from the CC Chair. The Chair reported that the negative CC ballots were in response to a broader concern of this TIA’s requirements which should be expanded beyond Article 680. Based upon that understanding, the CC Chair formed a Task Group to consider whether additional amendments may be necessary. In the interim, the Chair expressed the CC agrees that there is no reason to delay this issuance of TIA 1809 while the Task Group works through its broader review. In the view of the Council, this appeal presents a substantial basis upon which to overturn the results yielded by the NFPA standards development process. Accordingly, the Council has voted to uphold the appeal. The effect of this action is that NFPA 70, *National Electrical Code*, will include the text of TIA No. 1809.

The Council wishes to thank the Correlating Committee Chair and members of the appointed Task Group for their collaborative work to address concerns raised in the ballot comments for the TIA and ongoing efforts to draft TIA(s) to address other locations/installations where the safety concerns expressed in the substantiation for TIA No.1809 exist.



Tentative Interim Amendment

NFPA[®] 70[®]

National Electrical Code[®]

2023 Edition

Reference: 680.21(C)
TIA 23-17
(SC 25-4-6 / TIA Log #1809)

Pursuant to Section 5 of the NFPA *Regulations Governing the Development of NFPA Standards*, the National Fire Protection Association has issued the following Tentative Interim Amendment to NFPA 70[®], *National Electrical Code[®]*, 2023 edition. The TIA was processed by the Code-Making Panel 17, and the Correlating Committee on National Electrical Code, and was issued by the Standards Council on April 10, 2025, with an effective date of April 30, 2025.

1. *Revise section 680.21(C) to read as follows:*

680.21(C) Ground-Fault Protection.

(1) General. Outlets serving pool motors shall have ground-fault protection complying with 680.5(B) or 680.5(C), as applicable.

Exception: Listed low-voltage motors not requiring grounding, with ratings not exceeding the low-voltage contact limit that are supplied by listed transformers or power supplies that comply with 680.23(A)(2), shall be permitted to be installed without ground-fault protection.

(2) Variable Speed Motors with Adjustable Speed Drive. For a variable-speed pool motor employing an adjustable-speed drive, the ground-fault protection shall not be installed between the output terminals of the motor drive and the motor.

Issue Date: April 10, 2025

Effective Date: April 30, 2025

(Note: For further information on NFPA Codes and Standards, please see www.nfpa.org/docinfo)

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NATIONAL FIRE PROTECTION ASSOCIATION



Tentative Interim Amendment

NFPA[®] 70[®]

National Electrical Code[®]

2026 Edition

Reference: 680.21(C)
TIA 26-1
(SC 25-4-6 / TIA Log #1809)

Note: Text of the TIA was issued and approved for incorporation into the document prior to printing.

1. *Revise section 680.21(C) to read as follows:*

680.21(C) Ground-Fault Protection.

(1) General. Outlets serving pool motors shall have ground-fault protection complying with 680.5(B) or 680.5(C), as applicable.

Exception: Listed low-voltage motors not requiring grounding, with ratings not exceeding the low-voltage contact limit that are supplied by listed transformers or power supplies that comply with 680.23(A)(2), shall be permitted to be installed without ground-fault protection.

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