



Tentative Interim Amendment

NFPA® 70E

Standard for Electrical Safety in the Workplace® 2015 Edition

Reference: 130.7(C)(10)(b)(1), Table H.3(a) and Table H.3(b)

TIA 15-1

(SC 14-8-19 / TIA Log #1132)

Note: Text of the TIA issued and incorporated into the text of the document, therefore no separate publication is necessary.

1. In 130.7(C)(10)(b)(1), delete the phrase “and the anticipated incident energy exposure is greater than 4cal/cm².” This restores the text as found in the 2012 edition of NFPA 70E.

(1) An arc-rated balaclava shall be used with an arc-rated faceshield when the back of the head is within the arc flash boundary and the anticipated incident energy exposure is greater than 4cal/cm². An arc-rated hood shall be permitted to be used instead of an arc-rated faceshield and balaclava.

2. In Table H.3(a), delete the following text in the first column under the heading “Faceshield.” “4 cal/cm²: Arc-rated faceshield that covers the face, neck and chin and Exposures > 4.0 cal/cm² to.” This restores the text as found in the 2012 edition of NFPA 70E.

Table H.3(a) Summary of Specific Sections Describing Personal Protective Equipment for Electrical Hazards

Arc Flash Hazard PPE Applicable Section(s)

Face shield: 130.7(C)(1); 130.7(C)(3); 130.7(C)(10)(a);
130.7(C)(10)(b); 130.7(C)(10)(c)

Exposures ≥ 1.2 cal/cm² to ~~4 cal/cm²: arc-rated faceshield that covers the face, neck and chin~~
Exposures > 4.0 cal/cm² to and ≤ 12 cal/cm²: arc-rated faceshield that covers the face, neck and chin and an arc-rated balaclava or an arc-rated arc flash suit hood

3. In Table H.3(b), delete the following text in the second column. “≥ 1.2 to 4.0 cal/ cm² Arc-rated face shield > 4.0 to 12 cal/ cm².” This restores the text as found in the 2012 edition of NFPA 70E.

Table H.3(b) Guidance on Selection of Arc-Rated Clothing and Other PPE for Use When Incident Energy Exposure is Determined

Incident Energy Exposure	Protective Clothing and PPE
≥ 1.2 to 12 cal/cm ²	

Arc-rated clothing and equipment with an arc Arc-rated long-sleeve shirt and arc-rated pants or arc-rated

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

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rating equal to or greater than the determined incident energy (<i>See Note 3.</i>)	coverall or arc flash suit (SR) (<i>See Note 3.</i>) ≥ 1.2 to 4.0 cal/cm² Arc-rated face shield > 4.0 to 12 cal/cm² Arc-rated face shield and arc-rated balaclava or arc flash suit hood (SR) (<i>See Note 1.</i>) Arc-rated jacket, parka, or rainwear (AN)
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