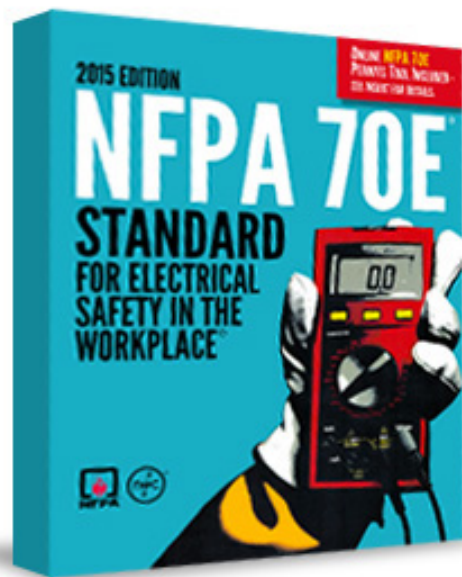


Redefining PPE Classifications for NFPA 70E

NFPA 70E 2015 version, eliminates the commonly used term HRC (Hazard/Risk Category), which described the level of PPE (Personal Protective Equipment) needed for specific tasks in the PPE tables. Instead, the new NFPA 70E use the term “arc rated PPE category,” or simply “PPE level.”

The HRCs have become common on clothing, and the levels are still there, but will be called PPE categories or PPE levels. The categories remain essentially the same. For example, the current HRC 2, encompassing the range of 8 to 24 cal/cm², will still be PPE level 2, etc. (see tables below).

“Hazard/risk category 0” has been removed from Table 130.7 (C) (16). Hazard/risk category will now be referred to as “PPE category”. Hazard/risk category 0 was deleted because the new PPE table only specifies PPE for work within the arc flash boundary. If there is no arc flash hazard, then no arc flash PPE is required and it is therefore not necessary on the table devoted to PPE.



2015 Edition NFPA 70E STANDARD for Electrical Safety in the Workplace Table 130.7 (C) (16) Protective Clothing and Personal Protective Equipment (PPE)

PPE Category	PPE (ATPV Rating)
1	Arc-Rated Clothing, Minimum Arc Rating of 4 cal/cm²
2	Arc-Rated Clothing, Minimum Arc Rating of 8 cal/cm²
3	Arc-Rated Clothing Selected so That the System Arc Rating Meets the Required Minimum Arc Rating of 25 cal/cm²
4	Arc-Rated Clothing Selected so That the System Arc Rating Meets the Required Minimum Arc Rating of 40 cal/cm²

2012 Edition NFPA 70E STANDARD for Electrical Safety in the Workplace Table 130.7 (C) (16) Protective Clothing and Personal Protective Equipment (PPE)

Hazard/Risk Category	Protective Clothing and PPE (ATPV Rating)
0	Protective clothing, Nonmelting or Untreated Natural Fiber with a fabric weight of at least 4.5 oz/yd ² /152gsm
1	Arc-Rated Clothing, Minimum Arc Rating of 4 cal/cm²
2	Arc-Rated Clothing, Minimum Arc Rating of 8 cal/cm²
3	Arc-Rated Clothing Selected so That the System Arc Rating Meets the Required Minimum Arc Rating of 25 cal/cm²
4	Arc-Rated Clothing Selected so That the System Arc Rating Meets the Required Minimum Arc Rating of 40 cal/cm²

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old HRC icons



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new PPE icons

