

NFPA 70E® Table Sample: Likelihood of Occurrence



NFPA 70E® tables contain vital information about approach boundaries, hazard categories and PPE. **The following is only a SAMPLE of the information contained in NFPA 70E and should not be used for anything other than completing course activities.** Always use the most current edition of the *NFPA 70E* when working on energized electrical equipment. You can purchase the latest standards at the NFPA website.

Table 130.5(C) Estimate of the Likelihood of Occurrence of an Arc Flash Incident for ac and dc Systems

Task	Operating Condition	Likelihood of Occurrence
Reading a panel meter while operating a meter switch.	Any	No
Performing infrared thermography and other noncontact inspections outside the restricted approach boundary. This activity does not include opening of doors or covers.		
Working on control circuits with exposed energized electrical conductors and circuit parts, nominal 125 volts ac or dc, or below without any other exposed energized equipment over nominal 125 volts ac or dc, including opening of hinged covers to gain access.		
Examination of insulated cable with no manipulation of cable.		
For dc systems, maintenance on a single cell of a battery system or multi-cell units in an open rack.		
For ac systems, work on energized electrical conductors and circuit parts, including electrical testing.	Any	Yes
Operation of a CB or switch the first time after installation or completion of maintenance in the equipment.		

For dc systems, working on energized electrical conductors and circuit parts of series-connected battery cells, including electrical testing.

Removal or installation of CBs or switches.