Arc Flash Safety Check Up

Establish a safer, more compliant program

To help you establish a safer, more compliant electrical safety program, Brady's electrical engineers target and evaluate key areas covered under the NFPA 70E Standard. Take a look at the following questions to determine your progress and tasks needed to help mitigate electrical risks and continuously improve your current state.

Have you had an arc flash risk assessment?

Yes

Under NFPA 70E, Arc Flash Risk Assessments must be:

- Reviewed periodically at minimum every 5 year.
- Updated when a major modification or renovation takes place.

No

NFPA 70E Requires that an Arc Flash Risk Assessment be performed and shall:

- Determine if an arc flash hazard exists. If it does exist, the risk assessment will determine appropriate safe-related work practices, arc flash boundary and PPE to be used within the arc flash boundary.
- The results of the risk assessment must also be documented.

Have your employees received arc flash training within the last three years?

Yes

NFPA 70E 110.6(E), requires that all training must be documented and employees must show proficiency.

NFPA 70E 110.2(D) requires employees to be given additional electrical safety-related work practices every three years.

Employees must be retrained before performing any tasks that are performed less often than once per year. And Article 100.6 (D)(3) requires that an employee must be retrained or receive additional training:

- If the supervisor observes, or annual inspections reveal, that the employee is not following the rules and regulations.
- If new technology, new types of equipment or changes in procedures necessitate the use of safety-related work practices that are different from those the employee would normally use.
- If the employee must use safety related work practices that are not normally used during his or her regular job duties.

No

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Now, grab your current arc flash label and check out the comprehensive label guide on the back to help you comply with NFPA 70E.

CORRESPONDING WORKING DISTANCE

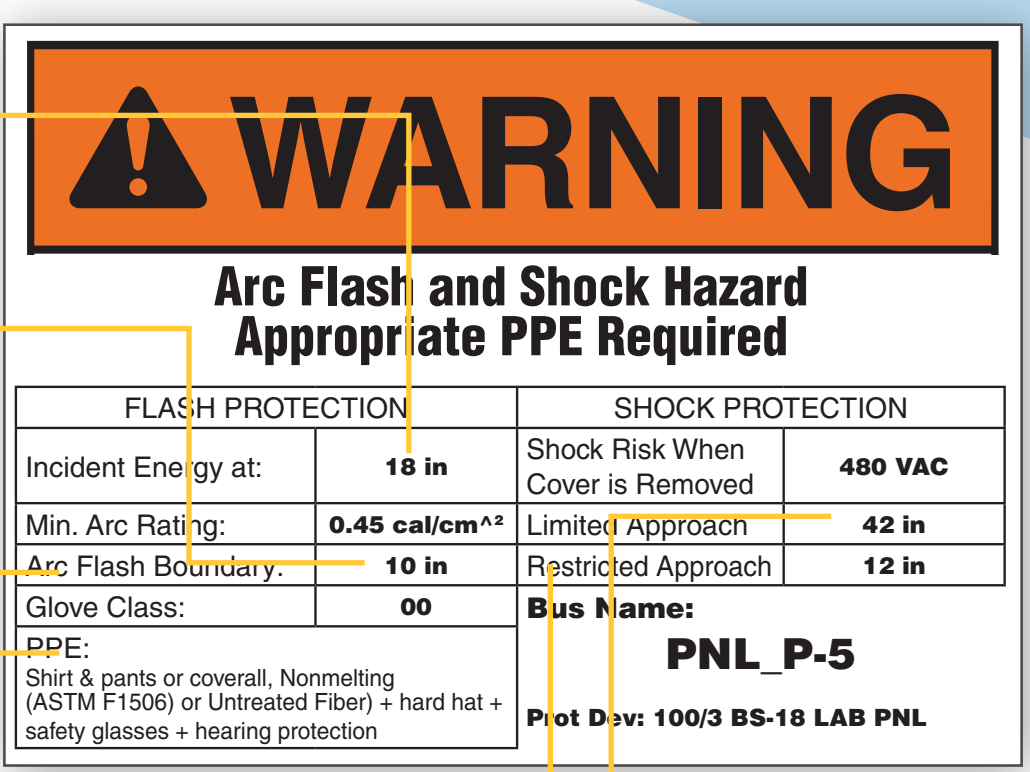
INCIDENT ENERGY

ARC FLASH BOUNDARY

PERSONAL PROTECTIVE EQUIPMENT (PPE)

SHOCK HAZARD APPROACH BOUNDARIES

VOLTAGE



The label cannot be handwritten.

Per the National Electric Code (NEC) aka NFPA 70 - Article 110.21(B)(2)

When looking at your best practice label you should see:

- Incident energy and corresponding working distance
- Arc flash and shock hazard boundaries
- Device name
- Level of PPE
- Nominal system voltage

Did You Know?

Anything above 50V that could be worked on while energized resulting in exposure to electrical hazards requires an arc flash label.

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