



ELT 4.0

Arc Flash

Series/Catalog: Electrical Safety Series

Linear Duration/min: 00:14:16 Origin Date: 05/09
Interactivity: Level II Last Update: 05/09
Supervising SME: Trey Greene

Course Description: Upon completion of the learning event, the learner will be able to identify the conditions and hazards associated with arc flashes, and the safe work practices and personal protective equipment recommended by OSHA and NIOSH.

Relevant Standards: 29 CFR 1910 Subpart I, 29 CFR 1910 Subpart R, 29 CFR 1910.269, 29 CFR 1910 Subpart S

Complexity/Difficulty: Level I (very easy)

Target Audience: According to the National Fire Protection Association (NFPA), a qualified person is someone who has specific knowledge about the electrical equipment and systems being worked on at a particular site. A qualified person must be trained on the hazards of the specific equipment they work with, and more general safety training concerning subjects such as PPE, slips trips and falls, and other relevant hazards. An unqualified person is someone who does not need to know about specific hazards or equipment at a site, but will benefit from general training on arc flash hazards. While this course satisfies the NFPA's 70E general training requirement in regards to Arc Flash for qualified workers', it may not satisfy any site/equipment-specific required training. It will fully meet training requirements for unqualified workers.

Prerequisites: None

Competencies

Competency Statement

To successfully complete this course, the Learner will demonstrate the ability to:

ELT 4.2.0	Recognize under what conditions and arc flash can occur	02:16
ELT 4.3.0	Identify the damage that can be caused by an arc flash	01:29
ELT 4.4.0	Identify what procedures to take to prevent an arc flash	02:25
ELT 4.5.0	Identify the personal protective equipment used for arc flash protection	01:10

References: 29 CFR 1910
NFPA 70E