

Arc Flash Hazard Awareness

Includes NEW 2018 CSA Z462 References

This course focuses on the legal duties and responsibilities under the Ontario Occupational Health & Safety Act (OHSA) and CSA Standard Z462 and how they relate to safe working practises when performing jobs working with, or near live electricity.

Topics include: review of the established electrical safety standard CSA Z462, important definitions, safety related work practices and worker training requirements, causes and effects of Arc Flash and Arc Blast, Hazard Assessments, development of appropriate controls, identifying and selecting the appropriate Personal Protective Equipment for a variety of work situations.



Course Length: 4 Hours

Learning Outcomes:

Upon successful completion of this course, participants will be able to:

1. Understand relevant sections of OHSA and CSA Standards
2. Define appropriate safety-related work practices
3. Identify electrical hazards in the workplace
4. Know the causes of Arc Flash and Arc Blast
5. Understand instruments and equipment to be used for testing within the limited approach boundary, and identify who is qualified to use these devices
6. Define the safe limits of each work boundary
7. Understand the process of establishing an electrically safe work condition
8. Discuss the importance of selecting and wearing proper personal protective equipment
9. Understand the requirements of an Energized Electrical Work Permit
10. Identify the elements of an Electrical Safety Program, including risk assessment & controls

Evaluation:

- Written quiz
- Minimum grade of 80% is required to pass this course
- Successful graduates will receive a three-year Wallet Card Certification.



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Who Should / Must Attend This Course:

- All Supervisory staff of workers who work with, or in the proximity of live electrical installations and may be exposed to Arc Flash/Arc Blast hazards
- Workers who must work with, or in the proximity of live electrical installations and may be exposed to Arc Flash/Arc Blast Hazards



Additional Information About This Course:

- This is a high-level course for those working in direct contact with live energy

HASCO Customers of this course were even MORE impressed when they purchased:

1. Supervisor's Occupational Health & Safety
2. Electrical Safety Awareness
3. Lockout/Tagout Certification
4. Confined Space Entry Awareness
5. Hazard Recognition, Assessment, Control and Evaluation



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