

Course Name: Electrical Schematic Reading**Hours to complete:** 2.00**CEUs:** 0.20**Description:**

In this entry level electrical schematic reading video course from the AIMS 2020 Safety Seminar series, learners will recall the standards used by different countries that influence electrical drawings. Recognize different symbols on electrical schematics. Describe detailed information listed in the schematic title block drawing and identify how recognize changes made to a drawing. Review examples of schematics locating inputs and outputs and learn tips for troubleshooting while viewing examples during the presentation.

Audience:

This program is designed for ride owners/operators, maintenance, inspectors and other amusement personnel who require continuing education and training for maintaining their certification to work in their respective positions per AHJ regulations and/ or company policies. This program is also ideal for individuals wishing to remain current on latest industry trends, standards and best practices applicable to their day to day job duties as it relates to their role.

Specific target audience includes:

Ride device, water slide, water attraction, trampoline and adventure course maintenance personnel, manufacturers building rides, inspectors, owner/ operators, management responsible for persons working the ride/device.

This program is ideal for persons responsible for working on the electrical systems of amusement rides/devices and those that will be reading electrical drawings in a facility.

Prerequisites:

Participants enrolling in this course:

- Must have access to a mobile device or computer with connectivity to the internet for viewing the content within the learning management system.
- Must log in with their unique email and password credentials to access their course materials.
- Must have access to a stable, high speed Internet connection for optimal viewing of the content to minimize potential for buffering of multimedia in learning programs.

Evaluation:

Successful course completion includes:

- Review of the module content in its entirety
- Successful completion of the module quiz
- Completion of the module course evaluation survey.

Upon successful completion of all modules, participants must complete the course survey and then will have access to download their credentials and any associated CEUs.

Outcomes:

Participants in this course will

- Recall standards used by different countries that influence electrical drawings
- Recognize different symbols used on schematic drawings
- Describe detailed information listed in the title block of a schematic drawing
- Identify how to recognize changes made to a schematic drawing
- Review examples of schematics locating inputs and outputs
- Learn tips for troubleshooting using the schematic drawing

Expectations:

Students will watch a learning module of content from the AIMS 2020 Safety Seminar video series and complete the assessment quiz at the end of the module.