Have Your Employees Taken an Electrical Safety Program?

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Many facility maintenance technicians go through electrical training for their company. Many types of employees and firms may come together to attend the electrical worker program. Each company has different needs and skills so general guidelines happen to be produced by OSHA and also the NFPA the employer could use to determine who gets the training.

Specialized training in electrical safety could be the most desired course around the curriculum followed closely by basic electrical classes. More complex and focused courses are also available for example VFD (Variable Frequency Drives) topics or PLC (Programmable Logic Controllers) topics. The student will also be able to test for ATMT electrical certification.

Among the first courses you'll require electrical training is known as "Basic Electricity for the Non Electrician." This is a two day course for building and facility maintenance personnel. The first day covers Understanding Industrial Electricity and day two covers Working with Industrial Electricity. You may also go ahead and take MTAA (Maintenance Training Association of the Americas) test for free!

This basic course teaches you about the Ohm's Law wheel and the way to use it, how you can read basic electrical distribution diagrams and how to make use of a systematic approach when troubleshooting. After completing the class you'll be able to make use of a digital multimeter and record clamp-on ammeter readings. Additionally, you will be able to make the required checks that are part of an Assured Equipment Grounding Conductor Program mandated through the National Electrical Code and OSHA.

Another course that is important regardless of your previous electrical training may be the 2011 National Electrical Code (NEC) class. This two day course offers complete coverage from the changes that were established in 2011. NFPA is short for the National Fire Protection Association. Every three years NFPA updates the National Electrical Code, which many call the electrician's Bible.

The NEC is a component of the American National Standards Institute (ANSI) and it is considered probably the most traditionally used construction or installation code on the planet. The course provides you with the most recent and best practices for installation and upkeep of electrical equipment. There are several intricacies in the NEC, and everyone from novices to experienced electricians can be helped by the course.

There are many other electrical training classes you can take depending on your level of expertise. PLC Training gives you basic knowledge for dealing with programmable logic controllers inside your facility. The 2 day class on Electric Motors and Motor Control Circuits will teach you how you can keep motors properly maintained and how to troubleshoot motor problems. Additionally, you will be able to repair common problems in control circuits.

Instructors of these classes have "real world" experience that is invaluable because of these hands-on seminars. Principles and theories are discussed to some extent, but the knowledge needed to make your workplace safer and more efficient is emphasized even more.

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