

# ELECTRICAL STANDARDS FOR INDUSTRIAL MACHINE WIRING

**COURSE #: NFPA-79**

**8**  
CEUs

## COURSE PURPOSE

This course gives students an understanding of NFPA-70 and NFPA-79 standards for industrial machinery and control panels. This will teach students about proper wiring methods, motors, overcurrent protection, power supply disconnecting, grounding, control circuits, functions and devices and operator interface.

## WHAT YOU WILL LEARN

- How important industrial machinery terms are defined
- How NEMA classifies degrees of protection
- How industrial panels and components are wired
- How to disconnect power supplies
- What types of motors are used in industrial control systems
- What devices are needed for overcurrent protection
- How industrial control circuits work
- What devices are used for industrial control

## COURSE SYLLABUS

- Definitions
- General operating conditions
- Electrical installations – degrees of protection
- Wiring methods
- Motors
- Overcurrent protection
- Power supply disconnecting means
- Grounding
- Control circuits and control functions
- Operator interface and control devices

## COURSE LENGTH



One day

## WHO SHOULD ATTEND?



Electrical workers who build, install and/or maintain industrial machinery and control panels should take this course.

## REGISTRATION INFORMATION

 [www.vanmeterinc.com/events](http://www.vanmeterinc.com/events)

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