

# NFPA 79 STANDARD FOR INDUSTRIAL MACHINERY

WE IMPROVE WORKPLACE SAFETY & PERFORMANCE

## TRAINING DESCRIPTION:

This seminar is designed to provide an overview of the general requirements for those who build their own control panels for machinery. Participants will learn how to effectively use the NFPA 79 Standard as a guideline for wiring, pushbuttons, sizing conductors, overcurrent protection, wire colors and much more. This seminar is geared specifically for those who build the panels, maintain the panels, troubleshoot the electrical circuits of the panels, select the materials for the panels, and/or those who make the drawings associated with the control panels.

The course can be one day or two days depending on the needs of the participants.

### 5 Key Reasons Not to Miss This Training:

You will –

1. Learn how to use and quickly find answers in NFPA 79 when building control panels.
2. Discover how the NFPA 79 Standard will help you to work more efficiently
3. Discover how the NFPA 79 is related to other electrical standards.
4. Learn the requirements to ensure safe electrical installations.
5. Be able to spot electrical hazards and avoid accidents before they happen.

## TRAINING TOPICS:

There are 19 Chapters and 10 Annexes of information in the Standard. Which ones do you need to know more about?

1. Administration
2. Referenced Publications
3. Definitions
4. General Operating Conditions
5. Incoming Supply Circuit Conductor Terminations and Devices for Disconnecting and Removing Power
6. Protection from Electrical Hazards
7. Protection of Equipment
8. Grounding
9. Control Circuits and Control Functions
10. Operator Interface and Control Devices
11. Control Equipment: Location, Mounting, and Enclosures
12. Conductors, Cables, and Flexible Cords
13. Wiring Practices
14. Electric Motors and Associated Equipment
15. Accessories and Lighting
16. Marking and Safety Signs
17. Technical Documentation
18. Testing and Verification
19. Servo Drives and Motors



CLASS SIZE: UP TO 20  
CLASS LENGTH: 6 HOURS

