SIEMENS

1 Day Workshop

Industrial Control Panels for the North American Market

Date & Time	March 3, 2015, 9:00 AM - 3:30 PM (CST)
Location	Ramada Plaza Minneapolis, 1330 Industrial Blvd. NE, Minneapolis, MN 55413
Register	https://www.mysiemensevents.com/Lists/ApplicationPages/ChannelPartnerPrivateSiteEventDetailsPage.aspx?cpeid=3578

Based on the relevant UL standard UL508A for industrial control panels, the NFPA standard NFPA79 for Industrial Machinery and the relevant parts of the National Electrial Code NEC NFPA 70.

If you are looking for an update and a refresher with the strict rules and regulations on how to design an industrial control panel for North America, this course is for you. For many years now, you have already designed and assembled industrial control panels, and you may be wondering what has changed, if there is something new when it comes to control panel design. This course is designed to help you understand and to apply the constructive standard UL508A for Industrial control panels and about the electrical equipment of machines according to the NFPA79 standard for Industrial Machinery, and will give you a better understanding of these regulations and help you to align your business for the most recent standard and code requirements for the North American market.

What can you expect to learn from this class?

- A better understanding of common standards and codes and how to apply them
- The latest on relevant UL and NFPA standards and codes for control panel construction
- Distinctions between the UL508A and NFPA79 standards
- Design of motor branch circuits and appliances loads
- Overview how to design the individual control circuits
- Protection measures required by the NFPA79
- Overview of the verifications that have to be performed in line with the NFPA79 standard
- How you can effectively apply the helpful Siemens tools to save time when designing a industrial control panel
- You will receive extensive training documents with checklists and recommendations for documentation

Agenda

- Terms, Definition, History
- Power supply systems in North America
- Feeder and Branch Circuit
- Infeed conductor, main disconnecting means
- SCCR - Short Circuit Current Rating
- Motor Branch Circuits acc. UL508A
- Protection of Appliance Loads
- Control Circuits acc. UL508A
- Enclosure Types vs. IP Ratings
- Protection from Electrical Hazards
- Grounding
- Tests and verification acc. NFPA79
- Further information, Siemens support

For additional questions, please contact:

Ken McCleary

Product Consultant/Manager

Mobile: (952) 843-8334

Email: ken.mccleary@siemens.com

Call 612.455.6330 to reserve a hotel room

Lunch will be provided

Attendance limited to 50

Siemens Industry, Inc.
3333 Old Milton Parkway
Alpharetta, GA 30005

1-800-241-4453
info.us@siemens.com

usa.siemens.com