Title of Course: Hazardous Locations

Course Syllabus: This program covers the theory of area classification discussed in Article 500 of the National Electrical Code. It also covers the requirements found in Article 500 through 516 of the NEC. It uses the National Electrical Code, as well as the atmospheric tables found in the Cooper Crouse-Hinds Code Digest, which detail characteristics like flash point, vapor density, upper and lower flammable limits, etc.

Topic Outline

8:00 am – 10:00 am	Instruction: Understanding of chemical compounds and definitions.	2 hrs
10:00 am – 10:15 am	Break	15 min
10:15 am – 12:00 noon	Instruction: Article 500	1 hr 45 min
12:00 noon – 1:00 pm	Lunch	
1:00 pm – 3:00 pm	Instruction: Article 501 Article 502	2 hrs
3:00 pm – 3:15 pm	Break	15 min
3:15 pm – 5:00 pm	Instruction: Articles 503 through 516	1 hr 45 min
	Total CE Hours	**8 hours**

Course Objectives: This course is designed to instruct the student on area classification and what makes a location a hazardous (classified) one. After discussing the chemical properties that one is likely to see, are classification is discussed. Class I locations are covered in more depth than Class II, as they are far more common. Class III locations, and the specific environments in the rest of Chapter five are discussed as well.

Method of Presentation: Microsoft PowerPoint® Presentations