

LIGHTNING PROTECTION SYSTEM DESIGN

PROGRAM INFORMATION

Program Purpose

The purpose of this presentation is to provide electrical engineers, architects, and contractors with the training necessary to understand the fundamentals of facility electrical protection related to Commercial & Industrial applications.

Course Content

This 1 hour presentation provides an overview of electrical grounding, bonding, lightning protection, and surge protection.

PDH/CEU Credit

Individuals who successfully complete this seminar will receive 1 PDH credit (if applicable). Attendees will receive their certificate from Hicks Lightning Protection. Architects who successfully complete this seminar will receive 1 CEU HSW.



AGENDA AND LEARNING OBJECTIVES

- Discuss the design principles of lightning protection
- Define what a lightning protection system is
- Explain how lightning is formed
- Identify the different ways one can be struck by lightning
- Use and understand the Risk Assessment in NFPA® 780
- List the various lightning protection standards
- Define what surge protection is and how it is used
- Understand the inspection and maintenance of a lightning protection system
- Identify other types of lightning protection systems



About the presenter: **Chuck Cooley - Business Development**

Chuck has been in the electrical industry for 25+ years. He is currently the Business Development Manager for Hicks Lightning Protection. Chuck is a member of the Lightning Protection Institute (LPI) and a certified Master Installer/Designer for lightning installations. CCOOLEY@HICKSLP.COM



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