Introduction to lightning protection

Our intensive training course examines the phenomena and physics of lightning and, provides an understanding of lightning standards.
Introduction to lightning protection

Delegates participating in our training course will receive a thorough overview of all aspects of lightning protection, from lightning standards to testing techniques.

Course overview

Lightning can cause significant structural damage and failure of electrical systems with the additional potential to cause injury or loss of life. However, protective measures can be introduced to existing or prospective structures to help mitigate the hazardous effects of lightning strikes.

Our introductory course offers delegates a thorough overview of lightning protection whilst providing a vital understanding of the physics behind this natural phenomenon. The information provided during the day will enable delegates to effectively assess the different methods of protecting infrastructure and electrical systems. An overview of the current lightning protection standards will be discussed in addition to defining earthing practices and measurement requirements to ensure compliance with UK specification.

Case studies are used to illustrate the application of various protection systems for a variety of buildings and systems.

Topics covered

- Physics of lightning
- Lightning protection risk assessment
- Lightning protection of buildings and external HV equipment
- Lightning protection of electrical systems
- Testing and inspection of lightning protection systems

Training details

Our one day, classroom based training course will take place at the Edif ERA training centre in Leatherhead.

Did you know?

All AccessERA subscribers receive a 10% discount on some of the Edif ERA current course prices at the time of booking, when the booking is made directly with the Training team. To find out more, please email: training@edifera.com

Related courses

- Power system earthing

For further information or to make a booking, please contact

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