



أكاديمية الزمالة
العربية البريطانية



أكاديمية الزمالة العربية البريطانية
Arab British Academy Fellowship
A.B.A.F





Electrical distribution maintenance work

Objectives

- Understand the types of electrical distribution system parts
- Know the general considerations of planning and other considerations to be used in order to develop an electrical distribution system
- Know the advantages and disadvantages of the underground electrical distribution system versus the air distribution system
- Identify the role of risk management and applicable rules, such as electrical safety rules
- Understand how to use and operate different parts of the underground electrical distribution system better
- Identify the considerations involved in the design and extension of the underground electrical distribution system
- Know the important factors for the proper operation of the underground electrical distribution system

Who Should Attend?

- Health and Safety Managers
- Field supervisors
- Engineers and specialists in safety
- Webmasters and anyone who requires a better knowledge of the rules and regulations of safety requirements in the workplace.

Seminar Outline

DAY 1

- Introduction to electrical distribution
- Overview of electrical distribution systems and their parts
- Definition of terms
- Planning and management considerations
- Characteristics of aerodynamic versus underground systems (costs, operation, performance, safety, environment and community considerations)
- Terms and conditions of delivery to the customer and service
- Connection requirements and IP facilities Arrangements for the use of links with other benefits
- Work arrangements with developers and contractors



DAY 2

- Methods of cost recovery
- Topics related to competition underground cable
- Characteristics and components of the cable
- Electrical and mechanical properties
- Types of connectors
- Types of condoms
- Special features
- Selection works, specifications, and pregnancy

DAY 3

- Technical Specifications
- Cable Accessories
- Remove voltage voltage
- Set up the cable
- Cable connection kit
- Cable connections
- Choice and specification
- Technical Specifications
- Installation works
- Cable in underground fittings
- Direct burial trenches
- Indoor and underground pipes
- Inspections above ground and underground

DAY 4

- Cable lifting poles
- Technical Specifications
- Installation works
- Transformers
- Composite transformer designs
- On the base and dive into the oil
- Specification selection
- Installation works
- Protective equipment
- Fayeza
- Lightning arrestors
- Earthing systems
- Installation of the cable in Annabaib
- Restrictions on pulling cable



DAY 5

- Cable withdrawal accounts
- Traction equipment and methods
- Design problems
- Lightning arrestors above ground systems
- The nature of lightning and discharge of cargo
- System isolation level (BIL)
- Isolation Format
- Characteristics and design of the inhibitor
- Choose and use the inhibitor
- Design problems
- Protection from overloading over underground systems
- The nature of pregnancy increase
- Types and properties of crashes
- Choose Fuses
- Fuzzy format
- Design problems
- National Electrical Safety Rules
- public needs
- Cable and cable accessories
- Cable in direct burial systems
- Cable in piping systems
- hardware
- Grounding
- Operation and safety
- Planning and design standards



أكاديمية الزمالة
العربية البريطانية



أكاديمية الزمالة العربية البريطانية
Arab British Academy Fellowship
A.B.A.F

