

ELECTRICITY AT WORK REGULATIONS 1989

1 Day Course



Course Aims: To provide delegates with the required competence in complying with the Electricity at Work Regulations 1989 (incorporating BS7671: 2001; formerly 16TH Edition I.E.E. Regulations).

Introduction and Setting Course Objectives

Background to the Institution of Electrical Engineers Regulations

Relationship of BS 7671 to existing Codes of Practice, Guidance Notes and European Directives

Electricity at Work Regulations - Part 1

Outline of Duties

- Standards of installation in accordance with BS 7671
- Systems, Work Activities and Protective Equipment
- Strength and Capabilities of Electrical Equipment
- Adverse or Hazardous Environments
- Insulation, Protection and Placing of Conductors

Practical Exercise

Electricity at Work Regulations - Part 2

Protection Measures

Standards of Installation in accordance with BS 7671.

- Earthing
- Integrity of Referenced Conductors
- Connections
- Means for protecting from Excess Current
- Means of Cutting of the supply and for isolation

Practical Exercise

Miscellaneous Requirements

- Work on equipment made dead
- Work on or near live conductors
- Working space, access and lighting
- Persons to be competent to prevent danger or injury

Course Review and Conclusion

Examination: Closed book multiple choice answer paper consisting of ten Electricity at Work Regulations related questions

Objectives

Upon completion of the course delegates should be able to: -

- Appreciate their broad obligations under the Regulations;
- Understand the basic requirements of the Electricity at Work Regulations;
- Make cost-effective and efficient decisions on health and safety issues.

Maximum number of delegates: 16