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*KeFax Ltd*



## Training Courses

We have built up a **course list** of the more popular training and assessment events we have designed and delivered over the years. The list is not exhaustive as much of the training we provide for our clients is designed specifically to meet their needs. These can range from one-day familiarisation courses on a given topic to a complete training programme which includes theory and practical elements coupled with a formal industry qualification.

A selection of our courses are programmed as **Public or Open Courses**. These courses are set up to be run on pre-planned dates and provide an opportunity for individuals or companies who require training for a small number of staff.

If the particular training you are looking for does not appear on our **course list pages** (see below) please **contact us** and we will arrange for one of our trainers to discuss possible training solutions with you.

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## Course List

Click on the Course Category for further details

Safety

[National Grid Operational Safety](#)  
[Overhead Lines](#)  
[General Safety](#)

General Technical

[Substations](#)  
[Overhead Lines](#)

[Protection & Control](#)

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## Course List - Safety

Click on the Course title for full details

National Grid Operational Safety

[Primer \*\*Persons\*\* Substations](#)

Primer **Competent Persons** Substations

[Primer \*\*Persons\*\* Overhead Lines](#)

Primer **Competent Persons** Overhead Lines (A)

Primer **Competent Persons** Overhead Lines (B)

Primer **Competent Persons** Overhead Lines (C)

Working on Low Voltage Equipment

Working On or Near Cable Systems

Working on Earth Systems

Impressed Voltage Drain Earthing (IVDE)

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## Course List - Safety

Click on the Course title for full details

Overhead Lines (Steel Tower)

Climbing Techniques & Permanent Attachment  
Tower Rescue

General Safety

Safety, Health & Environmental Awareness - Power  
Risk Assessment  
Avoidance of Underground Services (HSG47)  
[Pre-BESC AME Substations](#)  
Pre-BESC AME Overhead Lines  
Pre-BESC AME Cables

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## Course List – General Technical

Click on the Course title for full details

Substations

Substation Design

Introduction to HV Cable Systems

Electricity Transmission Overview

Panel Wiring

Overhead Lines

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## Course List – Protection & Control

Click on the Course title for full details

Basic Electrical Principles

Protection Theory

Basic Design Revision

Unit Protection

Distance Protection

Intertipping & Telecoms Overview

Fault Recorders

Commissioning

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1. Primer Persons Substations
2. Primer Competent Persons Substations
3. Primer Persons Overhead Lines
4. Primer Competent Persons Overhead Lines (A)
5. Primer Competent Persons Overhead Lines (B)
6. Primer Competent Persons Overhead Lines (C)
7. Working on Low Voltage Equipment
8. Working On or Near Cable Systems
9. Working on Earth Systems
10. Impressed Voltage Drain Earthing (IVDE)
11. Climbing Techniques & Permanent Attachment
12. Tower Rescue
13. Safety, Health & Environmental Awareness - Power
14. Risk Assessment
15. Avoidance of Underground Services (HSG47)
16. Pre-BESC AME Substations
17. Pre-BESC AME Overhead Lines
18. Pre-BESC AME Cables
19. Substation Design
20. Introduction to HV Cable Systems
21. Electricity Transmission Overview
22. Panel Wiring
23. Basic Electrical Principles
24. Protection Theory
25. Basic Design Revision
26. Unit Protection
27. Distance Protection
28. Intertripping & Telecoms Overview
29. Fault Recorders
30. Commissioning