

AMTECH

17th Edition
amendment 1

NEW Practical Courses for the Electrical Industry

Practical application of the wiring regulations



0800 028 28 28



We are here to help, call **0800 028 28 28**

Welcome to

our courses for the Electrical Industry

To keep up to date with the continuing changes within the industry, we are pleased to introduce five brand new courses, designed to provide delegates with an understanding of current requirements and their implementation. You will receive expert tuition, from our team of experienced engineers in a relaxed friendly atmosphere.

- **Understand the requirements of the Regulations, Standards and typical working practices that are currently in use.**
- **Receive a comprehensive set of course notes along with a certificate of attendance upon completion of the course.**
- **Regular scheduled courses are held in Milton Keynes in a fully equipped, air-conditioned training centre. Refreshments and lunch are provided.**

- **A full training pack will be sent prior to the commencement of your course, including full course details and a location map.**

We're here to help

If you would like any help planning your training needs, please call our experienced training advisors on **0800 028 28 28** or email training@amtech-power.co.uk

PremierCare and PremierCareXtra members receive a customer loyalty discount off all AMTECH training courses!

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All course content will adhere to 17th Edition Amendment 1 where appropriate

Courses available

at AMTECH's training centre or on-site

Visit www.amtech-power.co.uk/training for a full list of the latest course dates.

Practical Electrical courses – brand NEW for 2011!		
Emergency Lighting	1 Day	page 6
Electricity at Work Regulations 1989	1 Day	page 7
The Completion of Electrical Installation and Minor Electrical Installation Works Certificates	1 Day	page 8
The Completion of Electrical Installation Condition Reports	1 Day	page 9
Earthing & Bonding	1 Day	page 10

AMTECH software courses are also available

We also provide courses to ensure you get the most out of your AMTECH software.

Discover many features included in AMTECH and how to apply them to your own projects, as well as learning dozens of tips, short cuts and features to ensure you make use of the software effectively and efficiently.

For more information on our courses, please call us **0800 028 28 28** or visit www.amtech-power.co.uk/training for full details of the courses available.

On-site Training

Courses at your premises

All courses can be carried out 'on-site' offering your organisation, especially companies who have several engineers, many significant advantages such as:

- Cost effectiveness
- Course content tailored to suit your needs
- Scheduled at your convenience

Call our experienced training advisors on **0800 028 28 28** or email training@amtech-power.co.uk to discuss options for on-site training.

How do I book a course?

1. Review the course information within this brochure to ensure it meets your requirements.
2. Contact AMTECH Training on **0800 028 28 28** to check availability of the course and make a provisional booking if required.
3. Complete a Booking Request Form and return it to AMTECH with your remittance.
4. You can also check course dates on our website www.amtech-power.co.uk/training

Courses can become fully booked up to 6 weeks in advance so please book early to ensure your place(s). You will be sent joining instructions and a location map before the course.

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Available
On-site!**

Emergency Lighting

1 Day Course

Who should attend?

Duty holders, engineers, electricians and other responsible persons who require a working knowledge of the requirements of BS 5266 with regards to Emergency Lighting.

Aim of course

To provide delegates with a working knowledge of the requirements of BS 5266, regarding the design, installation and testing of new and existing emergency lighting systems and installations.

Objectives

Upon completion of the course, the delegate should:

- Understand the legal requirements regarding the need for emergency lighting within premises
- Have an awareness of the requirements of BS 5266
- Be familiar with the different types of emergency lighting including non-maintained, maintained on self contained systems and central battery systems with slave luminaires etc
- Be aware of the different types of wiring systems used in the installation of emergency lighting circuits
- Understand the basic design concepts of emergency lighting
- Understand the positioning of exit sign pictograms and viewing distances
- Be able to identify the “points of emphasis” within an installation
- Understand the use of manufacturers’ spacing tables for open areas and escape routes
- Understand the basic design concepts used in an emergency lighting installation
- Be aware of the practical issues of commissioning inspection and testing, certification and reporting

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Also
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On-site!

Electricity at Work

1 Day Course

Who should attend?

Senior managers, managers, duty holders, engineers and staff who have a responsibility in the day to day use of electricity within their premises.

Aim of course

To make people aware of their responsibilities with regards to the requirements of the Electricity at Work Regulations within their premises.

Objectives

Upon completion of the course, the delegate should:

- Have gained an understanding of the need for the Electricity at Work Regulations 1989
- Have gained an understanding of the requirements of the Electricity at Work Regulations 1989
- Have gained an awareness of the obligations and responsibilities when implementing the requirements contained within the Electricity at Work Regulations 1989 within their premises

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Completion of Electrical Installation Certificates

1 Day Course

Who should attend?

Skilled and competent electrical personnel currently working within the electrical installation industry who have a working knowledge of both BS 7671 and Guidance Note 3.

Aim of course

To understand the need for certification and to provide delegates with a comprehensive knowledge that will enable them to complete all standard domestic and commercial electrical installation certificates currently in use.

Objectives

Upon completion of the course, the delegate should:

- Understand the need for certification
- Have obtained sufficient skills to enable the completion of:
 - Domestic Electrical Installation Certificates
 - Minor Electrical Installation Works
 - Commercial Electrical Installation Certificates
- Fully understand the required information when compiling an Electrical Installation Certificate
- Be aware of the legal responsibilities after the completion of an Electrical Installation Certificate

This course can be combined with the FastTest 1 day course if required.

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Completion of Electrical Installation Condition Reports

1 Day Course

Who should attend?

Skilled and competent electrical personnel currently working within the electrical installation industry who have a working knowledge of both BS 7671 and Guidance Note 3.

Aim of course

To provide a comprehensive awareness and practically orientated knowledge to enable the delegate to complete all the standard domestic and commercial electrical installation condition reports that are currently in use.

Objectives

Upon completion of the course, the delegate should:

- Have obtained an understanding of the Electricity at Work Regulations regarding the necessity for Electrical Installation Condition Reports to be produced
- Fully understand the required information when compiling an Electrical Installation Condition Report
- Have obtained a working knowledge of the new code designations to be used within an Electrical Installation Condition Report
- Be aware of his legal responsibilities regarding the presence of danger
- Have obtained the knowledge required to complete an Electrical Installation Condition Report
- Be aware of the legal responsibilities after the completion of an Electrical Installation Condition Report

This course can be combined with the FastTest 1 day course if required.

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Earthing & Bonding

1 Day Course

Who should attend?

Designers, electrical contractors and persons registered under the Part P competence scheme.

Aim of course

To provide the delegate with an awareness of the Earthing and Bonding requirements in typical domestic, commercial and industrial installations contained within BS 7671:2008 Amendment 1 and Guidance Note 8.

Objectives

Upon completion of the course, the delegate should:

- Have an understanding of the requirements of both BS 7671:2008 Amendment 1 and Guidance Note 8
- Be familiar with the different types of earthing systems described in BS 7671
- Be familiar with the definitions and terminology used with regards to earthing and bonding within typical installations
- Have an understanding of the practical sizing and adequacy, and be able to determine the minimum cross section area with typical installations of:
 - Earthing conductors
 - Circuit protective conductors
 - Protective bonding conductors
 - Supplementary bonding conductors
- Understand the use of Residual current devices as additional earth fault protection

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REMEMBER!

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