



**CE marking &
product safety**

Scheduled Training Courses 2012

Schedule of Courses

Course No	Date	Location	Subject
CE01	February 2nd	Nottingham	CE marking Machinery and Industrial Equipment
CE02	February 9th	Gt Hucklow	Introduction to CE marking your products
CE03	February 22nd	Aberdeen	ATEX in depth
CE04	February 23rd	Aberdeen	The Pressure Equipment Directive
CE05	February 28th	Leicester	Machinery Control Reliability - for managers and importers - ENISO 13849
CE06	March 1st	Nottingham	Machinery PUWER and site safety
CE07	March 8th	Gt Hucklow	Noise and Vibration for Machinery Manufacturers and Importers
CE08	March 15th	Gt Hucklow	Environmental Directives - Eco Design, RoHS, WEEE and REACH
CE09	March 20th	Leicester	CE marking medical devices and EN60601 comparision
CE10	March 29th	Gt Hucklow	Machinery Risk Assessment - the role of standards
CE11	April 17th	Gt Hucklow	The Pressure Equipment Directive
CE12	April 26th	Leicester	Machinery Control Reliability for Machinery Designers - ENISO 13849
CE13	April 27th	Gt Hucklow	Machinery Control Reliability - for managers and importers - ENISO 13849
CE14	May 3rd	Gt Hucklow	CE marking Electrical Equipment
CE15	May 17th	Aberdeen	CE marking Machinery and Industrial Equipment
CE16	May 22nd	Nottingham	Environmental Directives - Eco Design, RoHS WEEE and REACH
CE17	May 31st	Gt Hucklow	Machinery PUWER and site-safety
CE18	June 14th	Gt Hucklow	Introduction to CE marking your products
CE19	June 19th	Nottingham	ATEX in depth
CE20	June 21st	Gt Hucklow	Machinery Control Reliability for Machinery Designers - ENISO 13849
CE21	June 28th	Nottingham	CE marking Machinery and Industrial Equipment
CE22	July 3rd	Aberdeen	ATEX in depth
CE23	July 4th	Aberdeen	The Pressure Equipment Directive
CE24	July 6th	Leicester	Machinery Control Reliability - for managers and importers - ENISO 13849
CE25	July 12th	Gt Hucklow	CE marking Machinery and Industrial Equipment
CE26	July 13th	Gt Hucklow	Introduction to CE marking your products
CE27	September 11th	Gt Hucklow	Noise and Vibration for Machinery Manufacturers and Importers
CE28	September 13th	Gt Hucklow	Environmental Directives - Eco Design, RoHS, WEEE and REACH
CE29	September 18th	Leicester	CE marking medical devices and EN60601 comparision
CE30	September 25th	Leicester	Machinery Control Reliability for Machinery Designers - ENISO 13849
CE31	September 27th	Nottingham	Machinery Risk Assessment - the role of standards
CE32	October 4th	Aberdeen	CE marking Machinery and Industrial Equipment
CE33	October 9th	Nottingham	CE marking Electrical Equipment
CE34	October 11th	Gt Hucklow	Machinery Control Reliability for managers and importers - ENISO 13849
CE35	October 18th	Gt Hucklow	Machinery PUWER and site-safety
CE36	October 23rd	Nottingham	Environmental Directives - Eco Design, RoHS, WEEE and REACH
CE37	November 15th	Nottingham	ATEX in depth
CE38	November 23rd	Gt Hucklow	Introduction to CE marking your products
CE39	November 29th	Gt Hucklow	The Pressure Equipment Directive
CE40	December 6th	Gt Hucklow	Machinery Control Reliability for Machinery Designers - ENISO 13849

Details of each of our training courses can be found on the following pages.

CE marking training

Conformance has a comprehensive programme of training, both through scheduled courses at locations and venues around the country, and directly with companies through bespoke or tailored courses designed to suit any specific requirements.

Training requires a commitment of time but realistically offers the best and quickest route to a thorough understanding of a subject or issue.

However, we also offer phone consultancy to help answer shorter questions or discussion of a very specific item relating to your own situation or product.

If you want to know how best we can help you, through training or consultancy, ring us now for a brief initial discussion.

Tel. 01298 873800

CE marking your products

- CE marking can be complex and difficult to understand
- It can require expensive external resources

How Conformance can help

- We can make the CE marking process easy for you to understand
- We can train you to manage your own CE marking projects

Who can benefit

Our comprehensive training programme is ideal for

- Product designers
- Engineers
- Health and Safety
- Purchasing
- Management
- Importers
- Anyone who needs to understand how to CE mark products and to ensure existing products have been correctly CE marked

Why you should choose Conformance

- We have extensive knowledge in CE marking of a wide product range
- We deliver the latest legislation and CE marking information
- Our course content is well organised and highly relevant
- Our specialists are not only skilled trainers but also Consultant Engineers
- We deliver a comprehensive programme of course subjects
- We adapt the content of each course to cover specific products
- All delegates receive a copy of the course notes, information pack (in electronic form on USB drive) and attendance certificate

An extensive range of subjects

- CE marking machinery and industrial equipment
- Introduction to CE marking your products
- ATEX in depth
- The Pressure Equipment Directive
- Machinery Control Reliability - for managers and importers - EN ISO 13849
- Machinery, PUWER and site safety
- Noise and vibration for machinery manufacturers and importers
- Environmental Directives - Ecodesign, RoHS, WEEE and REACH
- CE marking electromedical products and medical machinery
- Machinery risk assessment - the role of standards
- Machinery Control Reliability for machinery designers - EN ISO 13849
- CE marking electrical equipment
- Tailored training – a program of modules built to meet your needs

We work in partnership with Derbyshire and Nottinghamshire Chamber and the Enterprise Europe Network.



Introduction to CE marking your products

This is the ideal course for anyone who needs a basic understanding of the who, what, why and how of CE marking. You will be guided through the complete CE marking process, from finding the most appropriate standards for your product to completing the Declaration of Conformity. This course is suitable for those with little or no experience of CE marking.

CE02	Thursday 9th February	Great Hucklow
CE18	Thursday 14th June	Great Hucklow
CE26	Friday 13th July	Great Hucklow
CE 38	Friday 23rd November	Great Hucklow

£325.00 per person

Early Bird Discount of £50.00 + VAT per delegate if booked 6 weeks prior to training day.

CE marking electrical equipment

If you manufacture or import any electrical equipment then this is the course for you. We will help you to understand all your CE marking requirements, whether you are dealing with toasters or furnaces. As with all our courses, you will be provided with comprehensive additional information to take away.

CE14	Thursday 3rd May	Great Hucklow
CE33	Tuesday 9th October	Nottingham

£325.00 per person

Early Bird Discount of £50.00 + VAT per delegate if booked 6 weeks prior to training day.

Machinery, PUWER and site safety

The Provision and Use of Work Equipment Regulations 1998 (PUWER) will be of special interest to those using machinery that pre-dates the CE marking requirements. Candidates will be given an understanding of how to do their own assessments and how to identify if their suppliers and contractors are properly fulfilling their legal and contractual obligations.

CE06	Thursday 1st March	Nottingham
CE17	Thursday 31st May	Great Hucklow
CE35	Thursday 18th October	Great Hucklow

£325.00 per person

Early Bird Discount of £50.00 + VAT per delegate if booked 6 weeks prior to training day.

CE marking Machinery and Industrial Equipment

Machine and industrial plant safety is a critical issue, and one that concerns manufacturers, engineers, designers, managers and importers. This course will show you where the responsibility for CE marking lies, and gives a complete overview of what needs to be done, and what documentation you need to compile and keep. You will also be given a comprehensive pack of additional information to take away.

CE01	Thursday 2nd February	Nottingham
CE15	Thursday 17th May	Aberdeen
CE21	Thursday 28th June	Nottingham
CE25	Thursday 12th July	Great Hucklow
CE32	Thursday 4th October	Aberdeen

£325.00 per person

Early Bird Discount of £50.00 + VAT per delegate if booked 6 weeks prior to training day.

The Pressure Equipment Directive

The Pressure Equipment Directive covers pressure vessels, as well as related piping and accessories. Our expert engineers will guide you through the CE marking process for such products, including who should take responsibility, how to find and apply standards, and dealing with notified bodies. The course also explains the documentation you need to produce and keep.

CE04	Thursday 23rd February	Aberdeen
CE11	Tuesday 17th April	Great Hucklow
CE23	Wednesday 4th July	Aberdeen
CE39	Thursday 29th November	Great Hucklow

£325.00 per person

Early Bird Discount of £50.00 + VAT per delegate if booked 6 weeks prior to training day.



Machinery Control Reliability for managers and importers - EN ISO 13849

Most modern machinery relies on controls to ensure the user remains safe and the Machinery Directive requires that those controls should have an adequate level of reliability, commensurate with the hazards which they protect against. Even machines which have only an on-off control or an emergency stop need to meet this requirement. EN ISO 13849 is the new standard for control reliability which replaces EN 954-1 from 1 January 2012. At first sight the standard is much more complex and difficult to apply than its predecessor. The purpose of this course will be to explain the basic requirements of the standard so that project managers, importers and purchasers can understand what they should be specifying from their suppliers, and know whether or not they are getting what they ask for.

CE05	Tuesday 28th February	Leicester
CE13	Friday 27th April	Great Hucklow
CE24	Friday 6th July	Leicester
CE34	Thursday 11th October	Great Hucklow

£325.00 per person

Early Bird Discount of £50.00 + VAT per delegate if booked 6 weeks prior to training day.

Machinery Control Reliability for designers - EN ISO 13849

EN ISO 13849 is the new standard for control reliability which replaces EN 954-1 from 1 January 2012. The new standard appears much more complex and difficult to apply than its predecessor but in fact has some technical and economic advantages which will bring benefits to early adopters. The purpose of this course is to provide an introduction to the new standard and explain the basics of how to apply it. The course is intended for control system designers and engineers responsible for performing risk assessments for safety related controls.

CE12	Thursday 26th April	Leicester
CE20	Thursday 21st June	Great Hucklow
CE30	Tuesday 25th September	Leicester
CE40	Thursday 6th December	Great Hucklow

£325.00 per person

Early Bird Discount of £50.00 + VAT per delegate if booked 6 weeks prior to training day.

Machinery Risk Assessment - the role of standards

The Essential Health and Safety Requirements (EHSRs) of the Machinery Directive are the legal requirements which all machinery has to meet before it can be legally sold in Europe, but they are very generic and can be difficult to apply. European standards provide a presumption of conformity with the Directive and can significantly reduce the amount of risk assessment work required when CE marking machinery. This course will look at the relationship between the EHSRs, the standards and the risk assessment process and help machinery designers and project managers to minimise the work required while still ensuring full compliance with the Directive.

CE10	Thursday 29th March	Great Hucklow
CE31	Thursday 27th September	Nottingham

£325.00 per person

Early Bird Discount of £50.00 + VAT per delegate if booked 6 weeks prior to training day.

Noise and Vibration for Machinery Manufacturers and Importers

The new Machinery Directive 2006/42/EC re-inforces the requirement to manufacturers to provide detailed noise and vibration information about their products, including uncertainty values. This data can then be used by users to select machinery on the basis of noise and vibration performance, and to help them meet their obligations under workplace safety legislation. Noise and vibration measurement is a potentially complex process which often requires expensive equipment and can be fraught with difficulty for the inexperienced. This course will provide a basic understanding of the requirements of the Machinery and the Noise Emissions directives and give inexperienced users a basic familiarity with the test equipment and how to use it.

CE07	Thursday 8th March	Great Hucklow
CE27	Tuesday 11th September	Great Hucklow

£325.00 per person

Early Bird Discount of £50.00 + VAT per delegate if booked 6 weeks prior to training day.



ATEX in depth

The ATEX Directive applies to equipment used in explosive or potentially explosive atmosphere. This in-depth course will cover the whole process of CE and Ex marking such equipment, from design to documentation.

CE03	Wednesday 22nd February	Aberdeen
CE19	Tuesday 19th June	Nottingham
CE22	Tuesday 3rd July	Aberdeen
CE37	Thursday 15th November	Nottingham

£325.00 per person

Early Bird Discount of £50.00 + VAT per delegate if booked 6 weeks prior to training day.

Environmental Directives - Eco Design, RoHS, WEEE and REACH

The environmental directives affect everyone manufacturing or importing any kind of electrical equipment, but many companies are unaware of their responsibilities. You will be guided through this rapidly developing field, and kept up to date with the latest amendments to the regulations.

CE08	Thursday 15th March	Great Hucklow
CE16	Tuesday 22nd May	Nottingham
CE28	Thursday 13th September	Great Hucklow
CE36	Tuesday 23rd October	Nottingham

£325.00 per person

Early Bird Discount of £50.00 + VAT per delegate if booked 6 weeks prior to training day.

CE marking electromedical products and medical machinery

For obvious reasons, Medical Devices require stringent safety measures. This course will cover the responsibilities and procedures involved in CE marking such devices, applying standards, engaging notified bodies and producing documentation. We will also look at the changes between the 2nd and 3rd edition of the medical electrical equipment standard, EN 60601-1, including the new emphasis on essential performance and risk management.

CE09	Tuesday 20th March	Leicester
CE29	Tuesday 18th September	Leicester

£325.00 per person

Early Bird Discount of £50.00 + VAT per delegate if booked 6 weeks prior to training day.

Scheduled course structure and format

- Single full day (10:00 - 17:00) in four sessions
- All delegates will receive course notes, an information pack (in electronic form on USB drive) and attendance certificate.
- Ample time will be given for questions and to address specific issues raised by attendees.
- Refreshments and lunch are included.

Tailored Training

If you have specific needs which are not covered by our scheduled courses, or if you would like to explore a subject in greater depth than a scheduled course allows, then we can design a course around your requirements. We do this already for a number of major companies who have specific areas of interest and who also have a large number of staff to train in aspects of product safety and standards.

Whether it is a one-off session for one or two personnel, or repeat courses for a larger number of staff, contact us to discuss your needs. We can and will develop a training course to meet your requirements.

Tel. 01298 873800

