

## Design for Compliance, single day free seminar.

### Seminar Summary

This seminar will introduce product compliance as central to the initial stages of product design. Highlighting the benefits of getting it right first time, and the pitfalls of producing a non-compliant design, we aim to increase the awareness of the designer concerning EU product legislation. The seminar is being held at The Turbine in Worksop on September 22<sup>nd</sup>. TUV Rheinland will be in attendance to answer questions on International compliance.

### Objectives

- To enable identification of your responsibilities and legal obligations.
- To enable the correct directives and standards to be identified and applied.
- How to identify compliant parts and genuine documents received from your suppliers.

### Who Should Attend?

Designers & engineers involved in product (consumer and/or B2B) design and development. There is no prerequisite for this course. A comprehensive set of course notes, refreshments, lunch and an attendance certificate are included.

### Agenda:

Morning Session	Afternoon Session
<p><b>1. AN INTRODUCTION TO PRODUCT COMPLIANCE</b>  <b>What is product compliance and CE marking, and how does it affect the product designer?</b> <i>What is product compliance? What is CE marking? Why is it important to design with product compliance in mind? What can happen if you don't consider product compliance until the product has been designed? When is the designer responsible for CE marking? When is the designer the manufacturer? What are a manufacturer's legal obligations? What are the penalties? What are the routes to product compliance?</i></p> <p><b>2. THE IMPORTANCE OF IDENTIFYING THE RIGHT DIRECTIVES</b>  <b>How to identify the appropriate Directives, how to meet them, and the consequences of getting it wrong.</b> <i>What are Directives? Which Directives are mandatory in the UK? What are the CE marking Directives? Which other Directives may apply? How do you meet the Essential Requirements of the Directives? How do you identify which Directives you have to meet? Why is it so important to meet the right Directives?</i></p> <p><b>3. DESIGNING TO MEET A STANDARD</b>  <b>When and why should a standard be used, and how to identify the right one.</b>  <i>What is a standard? Why should standards be used? What is in a standard? Which standard(s) should you use? What should you do if there isn't a standard applicable to your product?</i></p>	<p><b>4. THE COST OF IGNORANCE</b>  <b>The benefits, or costs, of designing for compliance.</b>  <i>At what stage in development should compliance be considered? What are the advantages of considering compliance at the outset? What can happen if compliance is considered too late? How important is it to use compliant parts? How can you tell if parts are compliant? What are the impacts of considering international compliance at a later date?</i></p> <p><b>5. DESIGNING FOR COMPLIANCE</b>  <b>How can compliance and safety be designed in to a product?</b>  <i>What should be considered when designing for electrical safety? What should be considered when designing for mechanical safety? How can you design for EMC compliance? How can the product's design be assessed? Is designing for disassembly or disposal a requirement?</i></p> <p><b>6. HELPING THE MANUFACTURER TO MEET THEIR OBLIGATIONS</b>  <b>What design and component information will need to be provided for the product's Technical File?</b>  <i>What is a Technical File and what should it contain? Who will declare that the product is compliant, and how? What markings or warnings should go on the product and how/where should they be affixed? How do you stay abreast of legislative changes?</i></p>

### Booking Details:

Places will be provisionally booked by telephone. Confirmed bookings are made by faxing or emailing the signed booking form to 01527 595033 or [sales@wemtech.co.uk](mailto:sales@wemtech.co.uk) . Alternatively you can post the form to the address below.

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