



NEW PROGRAMME - Given the rapid developments in technology and increasing complexity of product designs, implementing a rigorous safety strategy is critical to the supply of safe and legal products. It is the responsibility of those involved in the design, manufacture and supply of products to ensure that correct, practical and effective procedures are followed to guarantee compliance with all applicable product safety regulations and standards.

This course provides delegates with a comprehensive review of core product safety principles including regulatory contexts, product liability, techniques for safe design and risk management. The course programme includes case studies to illustrate best practice, together with group exercises to test delegates understanding.

Your programme

08.45 Registration and refreshments

09.00 Introduction

09.15 A case study illustrating how it can go wrong

- Patches and compromises
- The cost.

Exercise - where did they go wrong?

09.45 Regulatory context for product safety

- Product liability
 - What this means to you
- Safety requirements
 - Low Voltage Directive (LVD), ATEX, Pressure Equipment, RF, EMF, Physical Agents Directive (PAD), Telecommunications, RTTE and EMC
- Substance issues
 - REACH, RoHS, obsolescence and substitution
- Product design
 - Ecodesign and EMC.

11.00 Refreshments

11.15 Core principles of product safety

- Problem identification
- Problem specification
- Problem resolution.

11.45 A case study illustrating how to get it right

- Implementing a product safety policy
- Policy for compliance
- Technical files
- Protecting directors and designers
- Approvals, standards and audits.

12.15 Lunch

12.45 Review of the 'getting it wrong' and 'getting it right' case studies

- Evaluation of the case studies by the delegates
- Discussion of the key learning points.

13.15 Fundamentals of safety

- How to read and understand standards
- Choosing and using appropriate standards
- Product application; are standards all you need?

13.45 Refreshments

14.00 Techniques for safe design

- Class and classification
- Methods of protection.

14.30 Risk management

- Safety management legislation
- Tools and techniques
- Tolerable risk.

Risk assessment exercise.

15.15 Questions and discussions

16.00 Close.

Raytheon Systems Ltd,
Autumn delegate 2010
"Covers a wide scope on product safety"

Ever thought about in-company training?

This course can be delivered at your site. To discuss your training requirements, please call the Events Team on +44 (0)1372 367319.



Your speakers



Peter Burt - Technical Consultant, ERA Technology Ltd

Peter provides technical advice and consultancy to ERA Technology staff and clients on the application of safety and performance standards and regulations.



Chris Robertson - Head of Reliability and Failure Analysis, ERA Technology Ltd

Chris leads the development of consultancy services concerning electrical and electronic equipment and compliance with environmental directives, within the Reliability and Failure Analysis group.



Jonathan McCormick - Product Assurance Manager, Parker Hannifin Ltd, SSD Drives Division

Jonathan has been with Parker SSD Drives for over 17 years. His responsibilities include the certification of products and systems to applicable European Directives, a role which supports all SSD Drive products across global markets.

Booking form

Please photocopy this form if you wish to register more than one delegate. Send a second person at a discounted price!

Delegate details

Name <small>Dr Mr Mrs Miss</small>
Job Title
Organisation
Address
Postcode
Telephone
Fax
E-mail
VAT number (EU customers only)
<input type="checkbox"/> Please tick if you are happy to receive further information about ERA Technology Ltd via e-mail. It is our policy NOT to supply your details to third parties.

Bookings

I wish to make a firm booking for:

Safe Product Design - A practical and effective approach

21 September 2011 Ref: 31130 21 February 2012 Ref: 31241

Fees*

Fee rate	Fee	VAT@20%	Total	Please tick
Early Booking Rate	£432.00	£86.40	£518.40	
Standard Rate	£480.00	£96.00	£576.00	

*AccessERA subscribers and additional delegates receive a 10% discount on these rates. If you subscribe to AccessERA and would like to use your AccessERA credits to attend, please contact The Events Team on: +44 (0)1372 367319. For more information on booking rates, please go to: <http://shop.era.co.uk>.

Payment method

Purchase order no.....	
Payment of £..... is enclosed OR please charge to: Access/American Express/Delta/Diners Club/Eurocard/Mastercard/Switch/Visa	
Name of cardholder.....	
Card number	<input type="text"/>
Expiry date	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Issue No <input type="text"/>
Payment has been made by bank transfer	<input type="checkbox"/>
VAT registration no: GB 100 2026 06	

For AccessERA use only	Project No 40003_____
<input type="checkbox"/> Invoice <input type="checkbox"/> Paid <input type="checkbox"/> AccessERA credits	
BC12.....	Date.....

Venue:

Your course will take place at ERA Technology Ltd, Cleeve Road, Leatherhead, Surrey KT22 7SA, UK. It is a 15 minute walk from Leatherhead main-line station. Visitor car parking is available on-site. A location map and directions are available at: www.era.co.uk/location.

Early booking rates:

Early booking rates are valid up to one calendar month before the date of the course and can only be claimed at the time of booking.

Additional booking rates:

Additional booking rates are applicable to second and subsequent delegates and may only be claimed at the time of booking.

Did you know?

An AccessERA subscription is an excellent way of accessing technical advice and information in the right format at the right time. All AccessERA subscribers receive a 10% discount on the current course price at time of booking when the booking is made directly with the Events Team. To find out more, please call us on: +44 (0)1372 367319 or e-mail: events@era.co.uk.

Ways to book:

<http://shop.era.co.uk>
Total security is assured and normal booking conditions apply.

+44 (0)1372 367319 - please be prepared to quote a purchase order number or supply us with credit card details.

+44 (0)1372 367321*

The Events Team, ERA Technology Ltd, Cleeve Road, Leatherhead, Surrey KT22 7SA.

* Please note that booking forms received without payment will be considered binding and invoiced automatically.

Enquiries:

Please contact the Events Team by calling: +44 (0)1372 367319 or e-mail: events@era.co.uk.

How to pay:

Payment must be made before attendance at the event and must be made in £ sterling only. Acceptable methods of payment are by cheque (payable to ERA Technology Ltd), credit card or bank transfer. Bank transfers, free of all charges, can be made to ERA Technology Ltd via: HSBC, 9 The Boulevard, Crawley, RH10 1UT; sort code: 40-18-22, account no. 22178095. When paying by bank transfer, please quote the relevant course, reference number and the delegate and company name.

Cancellations and transfers:

Cancellations and transfers must be received in writing to the following address: The Events Team, ERA Technology Ltd - AccessERA, Cleeve Road, Leatherhead, KT22 7SA.. Cancellations and transfers received up to the 15th working day prior to the event will be subject to a charge of 20% of the invoiced course fee + VAT or 20% of the AccessERA credits charged. After this 15 day deadline, transfers cannot be accepted and cancellations will be subject to payment in full or 100% of the AccessERA credits charged. Substitutions can be made at any time.

ERA Technology Ltd:

ERA Technology Ltd works at the leading edge of advanced technology consultancy and design. The business provides specialist, high value-added, technology-based services including design and development, testing, assessment and expert advice. For further information visit: www.era.co.uk.

Please tick here if you would prefer not to receive details about future events or services offered by ERA Technology Ltd.

ERA Technology Ltd reserves the right to change, postpone or cancel at short notice any part of its published programme due to unforeseen circumstances. In the unlikely event of cancellation, a full refund will be made of the registration fee. ERA Technology Ltd disclaims any further liability. ERA Technology Ltd's Special Terms and Conditions - Conferences and Courses apply.