

## **EEMUA Online Learning and Publications Catalogue**

EEMUA online learning courses and publications can be purchased online at <https://www.eemua.org/shop.aspx>. Alternatively, please contact EEMUA by telephone +44 (0)20 7488 0801 or by e-mail: [sales@eemua.org](mailto:sales@eemua.org)

### **EEMUA Blended Learning Course**

#### [Mechanical Integrity Basics training course](#)

EEMUA's competency-based training course for mechanical integrity addresses the loss of primary containment of hazardous substances, a major cause of incidents and regulator interventions. The flexible online learning delivery and assessment, and robust certification means that Learners can be either at their work site or home working and gain relevant, industry accepted competence in a safety critical area. Based on the guidance and good practice in EEMUA Publication 231.

#### [TankBasics training course](#)

EEMUA's competency-based training course provides an introduction to industrial-scale storage tanks. The flexible online learning delivery and assessment, and robust certification means that Learners can be either at their work site or home working and gain relevant, industry accepted competence in a safety critical area. Based on the guidance and good practice in EEMUA Publication 159.

#### [Subsea Engineering Basics training course](#)

EEMUA's competency-based training course is based on the guidance and good practice contained in EEMUA Publication 194 Guide to materials selection and corrosion control for subsea energy equipment.

#### [Mechanical Integrity Practitioner Certificate](#)

EEMUA's online competency-based training course for mechanical integrity practitioners addresses the loss of primary containment of hazardous substances, a major cause of incidents and regulator interventions in the UK. The flexible online learning delivery and assessment, and robust certification means that Learners do not have to be away from site for long periods in order to obtain relevant, industry accepted competence in a safety critical area, with appropriate evidence for stakeholders. Based on the guidance and good practice in EEMUA Publications 177, 231 and 232.

### **EEMUA E-learning Courses**

#### [Alarm Systems](#)

This course provides an introduction to EEMUA Publication 191 and the associated classroom training course.

#### [Control Rooms](#)

This course is positioned at the awareness/introductory level and is an optional precursor to working through EEMUA Publication 201 - Control rooms: a guide to their specification, design, commissioning and operation.

### [Cyber Security](#)

This course provides an introduction to the topic of industrial cyber security and EEMUA's Cyber security assessment process for industrial control systems.

### [Functional Safety](#)

This e-learning is positioned at the awareness/introductory level and is an optional precursor to working through EEMUA Publication 222 - Guide to the application of IEC 61511 (Edition 1) to safety instrumented systems in the UK process industries.

### [Mechanical Integrity](#)

This e-learning is positioned at the awareness/introductory level and is an optional precursor to working through EEMUA 231

### [Opslagtanks](#)

Deze cursus geeft een inleiding tot EEMUA Publication 159 en de CompeTank® reeks trainingen.

### [Plastic Tanks](#)

The e-learning is positioned at the awareness level and is an optional precursor to working through EEMUA Publication 225.

### [Pressure Systems](#)

This 50-minute course on Pressure Systems is positioned at the awareness/introductory level and is an optional precursor to working through EEMUA 177.

### [Pressure Testing](#)

This 55-minute course on Pressure Testing is positioned at the awareness/introductory level and is an optional precursor to working through Edition 3 of EEMUA Publication 168 A guide to pressure testing of equipment.

### [Process Safety Management](#)

This 90-minute course on Process Safety Management is positioned at the awareness/introductory level. It is based on the common approaches and elements found in existing guidance for this area from, namely; the American Institute of Chemical Engineers (AIChE), the Energy Institute (EI), the UK Health and Safety Executive (HSE) and Det Norske Veritas (DNV).

### [Storage Tanks](#)

This course provides an introduction to EEMUA Publication 159 and the CompeTank® series of training courses.

### [Subsea Materials](#)

This course provides an introduction to EEMUA Publication 194 and the 'Subsea engineering: materials selection and corrosion control' training course.

### [Third Party Inspection](#)

This course provides an introduction to EEMUA Publication 232.

## Publications

All EEMUA publications can be purchased as a digital version. We also offer some publications as a print version. Please see listings below for more details and the related e-learning.

### Automation, Control, Electrical

- 246 Guidelines for managing ignition risk by inspection of Ex electrical equipment in hazardous areas (including support of IEC 60079-17)  
[Print version](#)
- 242 Proof testing good practice for Instrumented protective systems  
[Digital version](#)
- 241 Guidance on the presence and operation of portable self-energised electrical / electronic devices In potentially explosive atmospheres (gas and dust)  
[Print version](#)      [Digital version](#)
- 227 Management of ageing electrical assets  
[Print version](#)      [Digital version](#)
- 226 Design and installation of on-line analyser systems: a guide to technical enquiry and bid evaluation  
[Digital version](#)
- 222 Guide to the application of IEC 61511 to safety instrumented systems in the UK process industries  
[Digital version](#)      [Related e-learning](#)
- 214 Toolbox Guide: Electrical installation, inspection and maintenance in potentially explosive atmospheres – Available to purchase from CompEx™ only, by email  
[CompexAdmin@jtltraining.com](mailto:CompexAdmin@jtltraining.com)
- 209 Guide to the development and implementation of on-line analyser applications  
[Digital version](#)
- 201 Control rooms: a guide to their specification, design, commissioning and operation  
[Print version](#)      [Digital version](#)      [Related e-learning](#)
- 191 Alarm systems - a guide to design, management and procurement  
[Print version](#)      [Digital version](#)      [Related e-learning](#)
- 187 Analyser systems - a guide to maintenance management  
[Digital version](#)
- 186 Practitioner's Handbook for potentially explosive atmospheres  
[Print version](#)      [Digital version](#)
- 175 Code of Practice for calibration and validation of process analysers  
[Digital version](#)

138 Design and installation of on-line analyser systems  
[Digital version](#)

### **Engineering, Procurement, Construction**

235 Guidance on PWHT for P1 CMn steels  
[Digital version](#)

234 90/10 Copper nickel alloy piping for offshore applications (Specification)  
[Digital version](#)

224 A guide to risk-based procurement  
[Digital version](#)

218 Quality requirements for the manufacture and supply of duplex stainless steels  
[Digital version](#)

215 Industrial cooling tower fans and fin fans - Guide for design, maintenance and operation  
[Digital version](#)

211 Guidance on the specification of pressure vessels  
[Digital version](#)

197 Specification for the fabrication of non-primary structural steelwork for offshore installations  
[Digital version](#)

194 Guide to materials selection and corrosion control for subsea energy equipment  
[Print version](#)      [Digital version](#)      [Related e-learning](#)      [Subsea Engineering Basics](#)

192 Guide for the procurement of valves for low temperature (non cryogenic) service  
[Digital version](#)

185 Guide for hot tapping on piping and other equipment  
[Digital version](#)

179 A working guide for carbon steel equipment in wet H<sub>2</sub>S service  
[Digital version](#)

176 Specification for structural castings for use offshore  
[Digital version](#)

161 Guide to the selection and assessment of silencers and acoustic enclosures  
[Digital version](#)

158 Construction specification for fixed offshore structures  
[Digital version](#)

154 Guidance to owners on demolition of vertical cylindrical steel storage tanks and storage spheres  
[Digital version](#)

- 149 Code of Practice for the identification and checking of materials of construction in pressure systems in process plants  
[Digital version](#)
- 143 Recommendations for tube end welding: Tubular heat transfer equipment Part 1 - Ferrous materials  
[Digital version](#)
- 141 A Guide to the use of EEMUA 140 Noise procedure Specification  
[Digital version](#)
- 140 Noise procedure Specification  
[Digital version](#)
- 133 Specification for underground armoured cable protected against solvent penetration and corrosive attack  
[Digital version](#)
- 105 Factory stairways, ladders and handrails (including access platforms and ramps)  
[Print version](#)      [Digital version](#)
- 104 Noise: A guide to information required from equipment vendors  
[Digital version](#)
- 101 Lifting points - a design guide  
[Digital version](#)

EEMUA Publications Bundle Control of noise in equipment and plant – EEMUA 140, 141, 161  
[Digital version](#)

### **Equipment Operation & Maintenance**

- 243 Guide to mechanical connector selection and lifecycle  
[Digital version](#)
- 236 Risk management of legacy systems with potential for excess overpressure  
[Digital version](#)
- 230 Ageing rotating equipment - a guide to maintenance and operation  
[Digital version](#)
- 223 Pressure equipment testing after repair, modifications or re-rating: a guide to the Pressure Test Waiver  
[Digital version](#)
- 208 Guide to life-cycle management of pressure relief systems  
[Digital version](#)
- 205 A Guide to the production testing of valves for the energy, process and related industries  
[Digital version](#)

- 200 Guide to the specification, installation and maintenance of spring supports for piping  
[Digital version](#)
- 199 On-line leak sealing of piping: Guide to safety considerations  
[Digital version](#)
- 188 Guide for establishing operating periods of safety valves  
[Digital version](#)
- 185 Guide for hot tapping on piping and other equipment  
[Digital version](#)
- 184 Guide to the isolation of pressure relieving devices  
[Digital version](#)
- 182 Specification for integral block and bleed valve manifolds for direct connection to pipework  
[Digital version](#)
- 177 Guide to the UK Pressure System Safety Regulations (2000)  
[Digital version](#)      [Related e-learning](#)
- 168 Guide to pressure testing of equipment  
[Digital version](#)      [Related e-learning](#)
- 151 Liquid ring vacuum pumps and compressors  
[Digital version](#)

### **Inspection and Integrity Management**

- 240 Factors to consider when managing High Temperature Hydrogen Attack on petroleum and chemical facilities  
[Digital version](#)
- 237 Pressure Equipment Directive: Global conformity assessment - a guide to site installed assemblies  
[Digital version](#)
- 232 Specifying, procuring and managing third party inspection services  
[Digital version](#)      [Related e-learning](#)
- 231 The mechanical integrity of plant containing hazardous substances - a guide to periodic examination and testing  
[Print version](#)      [Digital version](#)      [Related e-learning](#)      [MIPC](#)  
[Mechanical Integrity Basics](#)
- 206 Risk Based Inspection - a guide to effective use of the RBI process  
[Digital version](#)
- 193 Managing competence assurance for personnel undertaking in-service inspection of pressure equipment  
[Digital version](#)

- 181 A guide to risk based assessments of in-situ large Ex 'e' and Ex 'N' machines  
[Digital version](#)
- 159 Above ground flat bottomed storage tanks - a guide to inspection, maintenance and repair  
[Print version](#)      [Digital version](#)      [Related e-learning](#)      [TankBasics training](#)
- 149 Code of Practice for the identification and checking of materials of construction in pressure systems in process plants  
[Digital version](#)

### **Storage and Distribution**

- 225 Above ground plastic tanks: a guide to their specification, installation, commissioning, inspection, maintenance, repair and disposal  
[Digital version](#)      [Related e-Learning](#)
- 217 Safe and effective operation of storage tanks  
[Digital version](#)
- 213 Emission reduction from oil storage tanks and loading operations  
[Digital version](#)
- 207 Double concrete tanks for liquefied gas – guide to design, construction and operation  
[Digital version](#)
- 190 Guide for the design, construction and use of mounded horizontal cylindrical steel vessels for pressurised storage of LPG at ambient temperatures  
[Digital version](#)
- 183 Prevention of tank bottom leakage - a guide for the design and repair of foundations and bottoms of vertical, cylindrical, steel storage tanks  
[Digital version](#)
- 180 Frangible roof joints for fixed roof storage tanks: Guide for designers and users  
[Digital version](#)
- 159 Above ground flat bottomed storage tanks - a guide to inspection, maintenance and repair  
[Print version](#)      [Digital version](#)      [Related e-learning](#)      [TankBasics training](#)
- 147 Recommendations for refrigerated liquefied gas storage tanks  
[Digital version](#)