



EU Directives For Valves (CPD Certified)

1-day course designed to give an overview of what is involved in achieving compliance with the most significant directives and regulations in the valve industry.

It is a legal requirement to comply with EU directives for the EU and the UK equivalent for UKCA marking – the detailed requirements are enacted into national laws.

The first Modules consider Directives in general and the elements that apply across most of the Directives. The status of BREXIT is also discussed, highlighting any recent changes.

The detail of the course then considers three directives:

1 The Pressure Equipment Directive (PED) - the most important directive for valve manufacturers. This directive is concerned with the risks due to the internal pressure. The course reviews what the requirements are and how to address them. The impact of the latest revision 2014/68/EU is considered.

2 The ATEX (ATmospheres EXplosive) Directive - which deals with equipment intended for use in explosive atmospheres. While this is often considered to be for electrical equipment only, sparks can also be generated by mechanical equipment too. The course considers the mechanical aspects of potential ignition sources only for manually operated valves only.

3 The Machinery Directive is mentioned briefly. Whether valves and actuators are machines, the implications of this and how to fulfil requirements are considered.

Most of the course is concerned with the PED, as this area concerns the valve industry directly. Course content approximately: DIRECTIVES (35%) Brexit (5%) PED (35%), ATEX (15%) MD (5%) Assessment (5%).

Throughout the course, there are opportunities to discuss any areas of particular concern, or interest, and your own issues.

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Course Structure

The course is split into 5 Modules:

1. **Directives** - Common Themes
2. **Brexit Implications**
3. **Pressure**
 - a. Directive 2014/68/EU (PED)
 - b. Statutory Instrument 2016/1105
 - c. Pressure Equipment (Safety) Regulations
4. **Potentially Explosive Atmospheres**
 - a. Directive 2014/34/EU (ATEX)
 - b. Statutory Instrument 1996/192
 - c. The Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 1996
5. **Machinery**
 - a. Directive 2006/42
 - b. Statutory Instrument 2008/1597
 - c. The Supply of Machinery (Safety) Regulations
6. **Questions and Assessment**

Who Should Attend

The level is Beginner or Intermediate, and no prior knowledge is necessary.

- Useful for those working within an existing system, wishing to know more about:
 - The whole system
 - Checking for overall compliance
 - Keeping up-to-date with changes
- For those new to the industry who want to get up to speed quickly.
- Useful if you are creating your own system – will give you pointers where to start.



Price per Person:

BVAA Member: £390 +VAT
Non-BVAA Member: £640 +VAT



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Service

Course Leader

Ron Strang

Chartered Engineer & Fellow of the
Institution of Mechanical Engineers

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Format	Duration
Classroom Training at Banbury HQ	1 Day 9am-5pm