

# Armada Engineering Hydraulic Foundation Course

Duration: 3 days

Location: Armada Engineering, Falmouth, TR11 4TA

Objectives:

- Understand the basic principles of hydrostatics
- Be able to read ISO symbols and circuit drawings
- Identify the major components of a hydraulic system
- Understand the properties of hydraulic fluid
- Understand filtration and fluid cleanliness
- Learn basic hydraulic maintenance and testing
- To recognise hazards associated with hydraulic systems

Course split between classroom learning and practical exercises completed on a hydraulic training rig

Armada is a BFPA approved training centre and a Cornwall Marine Network Centre of excellence.

Course approved by British Fluid Power Association

**Up to 40%  
discounts  
available\***

**£880 (+VAT)  
inc BFPA  
registration**

Training Academy



**armada**

global hydraulics & engineering  
a CMN Centre of Excellence

Unit 3 Bickland industrial Park,  
Falmouth,

Cornwall, TR11 4TA

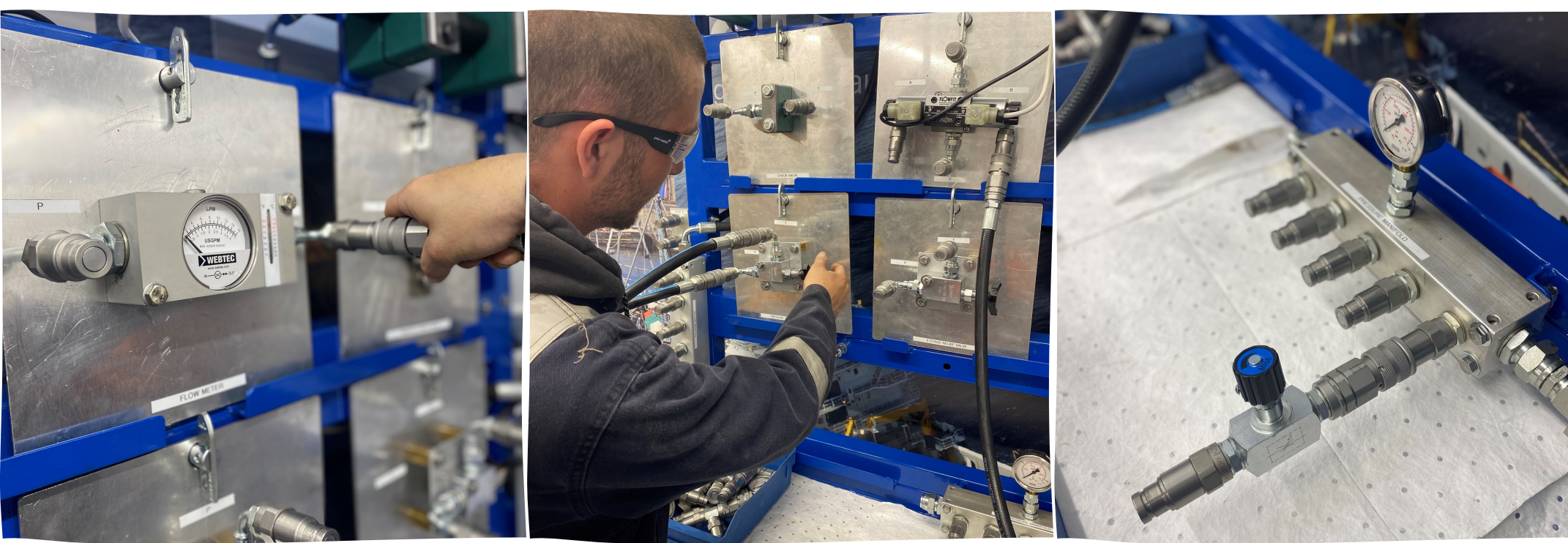
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## Course overview:

- 1.0 Basic Principles
- 2.0 Hydraulic symbols ISO1219-1
- 3.0 Pumps
- 4.0 Fluid and energy storage
- 5.0 Pressure Control Valves
- 6.0 Flow Control Valves
- 7.0 Direction Control Valves
- 8.0 Actuators
- 9.0 Contamination control
- 10.0 Hydraulic Fluid
- 11.0 Hydraulic Hose Technology
- 12.0 Maintenance Procedures
- 13.0 Test and Measurement
- 14.0 Health and safety
- 15.0 Skills Based Practical Tasks

**Contact for dates &  
further info**



\*Cornwall Marine Network Members can get 40% off the cost of the course

\*Non Cornwall Marine Network can get 30% off the cost of the course