



The Academy of Joint Integrity™

COURSE CONTENT – JI 024

COURSE DESCRIPTION

JI 024 - Pressure Testing, Management of Flexible Hose Assemblies – 1 day

Course Aims:

The trainee is aware of the implications of pressure testing of hoses and the risks involved, Awareness of Health and safety and risk assessment.

The course delivers the theoretical and practical elements involved in pressure testing, hose inspection and management of hoses.

Provide practical training and awareness when inspecting hoses under pressure and where possible identify visual signs of an assembly that's fit for use/test.

Target Audience:

Mechanical Engineers /Technicians/ Apprentices looking to enhance their skills.

Engineers and Technicians from a non mechanical discipline requiring multi skill or refresher.

Notes to Clients:

This course is intended to meet the requirements to current British Standard.

Course Content:

- Key safety issues & risk assessment when using pressure testing equipment.
- Introduction to hose types, construction and design used within the Oil and Gas/Processing Industries
- Hose selection and identification.
- Test fittings and Flanges.
- Inspection process, reasons for failure.
- Alignment and use/fitment of hose assemblies.
- Assembly Best Practice Procedures/Standards
- Hose Elongation, inspection method and continuity testing
- Wire corrosion, damage and BS requirements
- Hose labelling and identification
- Maintenance strategy
- Testing and pressures
- Theory and Practical issues re pressure testing equipment

Delivery:

Classroom and Workshop based.
Min 6 Max 12

Venue:

Aberdeen, Teesside, Humberside, West Yorkshire – Mobile facility

Certification:

Energy Institute Certificate

Special Requirements:

Delegates are requested to provide their own PPE, a selection of hoses for demonstration
A supply of air to 8 Bar will also be needed.

Supporting Information:

All delegates receive course notes and equipment instructions.