



NewGrange

TRAINING & SERVICES LTD

Better People, Better Business®

Pressure Systems Safety Co-Ordinator

The objectives of the Pressure Systems Co-Ordinator training course are to take a reasonably competent mechanical engineers and impart such knowledge as is required to enable the engineer to perform the role of Pressure Systems Co-Ordinator as it is applied to your site.

Course Duration: 1-2 Full Day (depending on your site requirements)

Delegate Numbers: to be advised again based on site requirements

Includes: Certificate of Training, Pressure Systems Course Notes and materials

At the end of the course each delegate should be able to:

- Have knowledge of the regulatory framework surrounding pressure systems
- Have a basic knowledge of hydraulic and pneumatic fluid power technology
- Be aware of safe working practices (covering design, component choice, maintenance and testing)
- Be able to identify and assess hazards (ie inappropriate equipment, poor/dangerous application of equipment, oil leaks, poor working practices).
- In addition the participant will have completed a Pressure Systems Assessment and determined appropriate further action.

Course Programme:

- Introduction
- The regulatory framework (Pressure Equipment Regulations and Pressure Systems Safety Regulations)
- Basic Hydraulics & Pneumatics
- Why Fluid Power?
- Hydraulic circuits and symbols
- Hydraulic fluids
- Hydraulic pumps
- Hydraulic cylinders
- Accumulators and accumulator applications
- Pressure control valves
- Flow control valves, including the servovalve
- Filters and filtration technology
- Pneumatic Systems at your site
- Site specific installations and manifolds
- Managing health and safety of Pressure Systems
- Worked Pressure Systems Assessments
- Q&A, Summary and Close

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