FPS034

**HOSE INSTALLATION TRAINING**

**Introduction**

This course will cover the recognition/identification of couplings, adapters and sealing methods commonly used on Flexible Hose assemblies e.g. SAE, JIC, JIS, BSP,NPT metric etc; metal to metal sealing and elastomer sealing such as bonded washers and O-ring seals. Correct installation procedures which include torquing and tightening; hose routing; correct length & natural lay; suitable clamping and retention, the selection of correct fittings and the fitting of hose whip checks and corrosion prevention will also be covered.

The course will also share knowledge on general safety issues related to hydraulics and safety related to working with hose and fittings, hydraulic fluids and pressure systems. Contamination, how it is generated, and its effects will be discussed as well as, spillage containment, isolation, spillage capture and containment control.

All training is “In Accordance with Manufacturer’s Instructions, Industry Best Practices and Legal Requirements”.

**Training Content**

* Safety
* Contamination control
* Spillage Containment
* Isolation and depressurisation
* Drain down of fluid
* Coupling and sealing
* Tightening and Torqueing hose routing and clamping
* Whip checks
* Corrosion prevention

Practical assessment: - removal, Inspection of hose assembly and retaining and sealing elements of the FHA, Installation and correctly routing, tightening/torquing and retaining/clamping the FHA.

**Target Audience**

This course has been designed for all personnel removing and installing hose assemblies and adaptors. It would also be extremely beneficial to all those carrying out maintenance and inspections on Fluid power systems and equipment.

**Pre Requisites**

None

**Duration**

1 Day

**Location**

TBC

**Certification**

A Certificate will be issued on successful completion of the course.

**Revalidation**

Employer discretion – suggested refresher period is 3 years