FPS071

**THREAD AWARENESS**

**COURSE**

**Introduction**

This course will provide Delegates with a good understanding of fittings and adaptor used in systems comprising Flexible Hose Assemblies. Correct identification and matching of these components is essential to ensure the safety of personnel and maintaining machine/equipment integrity.

A hands on approach is taken to ensure that delegates completing the course are aware of the wide range of fittings and adaptors available and the correct methods used for identification.

Fittings and adaptors incorrectly matched may causes uncontrolled release of system fluids under pressure, the course places great emphasis on the recognition and understanding of component locking and sealing characteristics to help in reducing the risk associated with uncontrolled liquid/gas releases due to incorrect matching of components.

**Training Content**

* Identification of Fitting; Locking and Sealing Methods
* Thread Characteristics; Flank Angle, Root, Crest, Pitch, T.P.I.
* Use of Thread Identification Equipment/Tools
* Thread Identification
* Fitting Types covered include; B.S.P.P., B.S.P.T., J.I.C., N.P.T., N.P.T.F., S.A.E., O.R.F.S., J.I.S., Metric, G.A.Z., Komatsu
* Thread tapes and sealants used for taper threads
* Sealing methods used for Parallel Fittings including; metal to metal and elastomer sealing

+ Practical exercise and Theory test paper

**Target Audience**

All personnel involved in the procurement, storage, selection and use of flexible hose assemblies would benefit from this training course.

**Pre Requisites**

None

**Duration**

Half Day

**Location**

TBC

**Certification**

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

**Revalidation**

Employer discretion – suggested refresher period is 3 years