FPS072

**Introduction**

This course consists of classroom training to cover the theoretical features of KR tube couplings and associated pipework components, followed by a practical sessions on the assembly of a pipework circuit using a range of KR couplings. Delegates will also carry out a pressure test to confirm correct assembly and tightening procedures. This is a Primary Fluids approved course.

**Training Content**

* Overview of Fluid power systems and health and safety implications
* Pipework/Tubing materials, sizing and specifications
* Coupling types, sizing and identification
* Ports, Threads and Adaptors
* Protective Devices & Hose Assembly
* Fluids
* Tube Preparation
* Corrosion
* Mechanical integrity – Component function
* Fitting assembly procedures and Clamp support methods
* Installation, Service and Maintenance
* Pressure testing

The Practical session includes the assembly of a basic tubing system using KR Fittings and completing a pressure test to ensure system integrity.

**Target Audience**

The course is aimed at personnel who are involved in removal and fitting of KR tube couplings and associated pipe-work and components as well as project engineers, supervisors/managers responsible for system integrity/inspections.

**Pre Requisites**

None

**Duration**

One Day

**Location**

TBC

**Certification**

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

**Revalidation**

Employer discretion – suggested refresher period is 3 years

**KEELERING (KR) FITTINGS TRAINING**