FPS032

**BFPA HOSE ASSEMBLY SKILLS**

**TRAINING** **COURSE**

**Introduction**

This is a BFPA accredited and certified course. As part of the 2 day course, delegates will receive tuition in the many techniques and considerations essential for the production of a quality Flexible Hose Assembly and the correct installation methods. Many of these topics will have been referred to in the Foundation Course, and this skills-based course adds to that knowledge by demonstrating and practicing the skill set required to produce and install Flexible hose assemblies to recognised industrial standards.

**Training Content**

**Thread Awareness**

* Main characteristics of a variety of thread types
* Male and female forms
* Sealing methods

# Hose Assembly

* Product equipment requirements
* Test, inspection and additional requirements
* Manufacturing; Hose skiving, Swaging, Angular orientation
* Coupling selection and assembly
* Testing

# Contamination

* Cleanliness
* Hose cutting
* Cleaning; Pelleting, Flushing
* Storage and handling
* Cleanliness measurement

**Tightening of Connectors**

* Adjustable port connectors
* Hose connectors
* Approved Tightening methods

**Hose Assembly Routing and Installation**

* Hose assembly routing
* Hose minimum bend radius
* Protecting hoses in services
* Typical installation/application problems

**Target Audience**

This BFPA accredited and certified course is aimed at personnel who have already completed the BFPA Foundation Course or have had some experience/training working with Flexible Hose Assemblies. For personnel manufacturing, installing inspecting and carrying out routine maintenance/repair on plant, machinery and equipment which has a fluid power element, this course would be an essential part of their skill set.

The course consists of both classroom-training and workshop demonstration and practice where delegates will manufacture, inspect and test Flexible hose assemblies.

**Pre Requisites**

BFPA Foundation Course in working safely with Hydraulic Hose and Connectors, or some practical experience working with hose assemblies desirable.

**Duration**

2 Days

**Location**

TBC

**Certification**

Certificates are issued by the British Fluid Power Association. Each candidate will also receive a spiral bound BFPA course booklet upon course completion.

**Revalidation**

Refresher (1 day) Required every 3 years.