FPS041

**Introduction**

This course follows the guidelines outlined by The BFPA Minimum Educational Recommendations – Hydraulics. It will provide candidates with valuable knowledge of basic hydraulic principles, system operation and component function along with their safe operation. Candidates will receive both theoretical and practical tuition on systems, circuit diagrams, critical components, contamination management, fault finding and safe working practices.

**Training Content**

* Basic Hydraulic Principles
* Hydraulic Symbols and notation
* Actuators
* Pressure control valves
* Flow control devices
* Directional control valves
* Pumps
* Hydraulic Hose Assemblies
* Hydraulics Fluids/Contamination control
* Accumulators
* Introduction to Basic Fault Finding Techniques

**Target Audience**

This training programme has been developed to meet the needs of those involved in the service, maintenance and management of Fluid Power Systems as well as Mechanical/Hydraulic Apprentices, Technical Representatives and Project Engineers.

This course would also be beneficial to all operators of Fluid Power equipment.

**Pre Requisites**

None

**Duration**

Three Days

**Location**

TBC

**Certification**

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

**Revalidation**

None

**HYDRAULICS**

**LEVEL 1**