

# HYDROGEN SKILLS ACADEMY

## BFPA Accredited Hose Assembly Skills Training Refresher Programme

The British Fluid Power Association Accredited one-day Hose Assembly Skills Refresher Course is designed to refresh the knowledge, understanding and practical skills required for personnel assembling & installing Flexible Hose Assemblies, who already hold a BFPA Hose Assembly Skills Certificate reaching the end of its validity period. It refreshes and reassesses the original learning outcomes.

On successful completion, the delegate will be reregistered on the BFPA Database and receive a certificate together with a high-quality course book.

### COURSE DURATION

- 1 day

### PRE-REQUISITE

- Completed the BFPA hose assembly skills programme

### CERTIFICATION

- BFPA certificate of skills achievement

### TRAINER

- Our trainers are certified assessors, and have been accredited by BFPA

### COST

- Price on application – maximum 4 delegates per course

### COURSE DETAILS

#### Thread Awareness

- Correctly identify end terminations
- Main characteristics of common end terminations
- Discussion on the merits of differing styles of end terminations

#### Hose Assembly

- Production equipment requirements
- Measurement and manufacture of FHA's
- Principles of pressure testing
- Protecting FHA's prior to fitting

#### Contamination

- Cleanliness – Why is it important?
- Cleaning of FHA's during & after manufacture
- Cleanliness measurement
- Tightening of Connectors
- Tightening of adjustable adaptors
- Tightening of hose connectors
- Methods to ensure connectors are correctly tightened

#### Hose Assembly Routing & Installation

- Good & bad routing practice
- Protecting FHA's in service
- Typical Installation problems

#### Hose Management

- Recommended storage life
- Service life considerations
- Maintenance and reworking of FHA's

#### Assessment

- Short answer knowledge questions