

HYDROGEN SKILLS ACADEMY

BFPA Accredited Hose Assembly Skills Training Programme

The British Fluid Power Association Accredited two-day Hose Assembly Skills Course is designed to provide the in-depth knowledge, understanding and practical skills required for personnel assembling & installing Flexible Hose Assemblies. It builds on the learning outcomes from the BFPA Foundation Course in Working Safely with Hydraulic Hose & Connectors.

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

COURSE DURATION

- 2 days

PRE-REQUISITE

- This course is aimed at learners with no previous experience or knowledge with regards to hose assembly skills

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
- Theoretical and practical aspects of manufacturing hydraulic hose assemblies
- 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 Guidance

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

Assessment

- Knowledge questions & Practical FHA assembly assessment