

HYDROGEN SKILLS ACADEMY

BFPA Hose Integrity, Inspection & Management Programme

The British Fluid Power Association Accredited one-day Hose Integrity, Inspection and Management Course is designed to cover the core issues surrounding the efficient inspection, analysis, identification, registering and recording of flexible hose assemblies (FHA's).

On successful completion, the delegate will be awarded a certificate together with a high-quality course book.

COURSE DURATION

- 1 day

PRE-REQUISITE

- This course is aimed at learners with no previous experience or knowledge with regards to hose integrity, inspection and management

CERTIFICATION

- BFPA industry recognised certificate

TRAINER

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

COST

- Price on application – maximum 6 delegates per course

COURSE DETAILS

Hose Assembly / Life Expectancy

- Factors that determine Service Life of FHA's
- The three phases of hose failure
- Benefits of rubber, rigid & thermoplastic hoses

Risk Management

- Defining the probability & consequences of failure with FHA's
- Calculating & analysing risk of failure
- Factors which influence how effective a risk-based inspection programme is

FHA Registers & FHA Identification

- ISO requirements for the identification of hydraulic hose assemblies
- Methods used to uniquely identify an FHA
- Visual Inspection of FHA before entering service
- Supporting documentation for an FHA
- Examples of a hose register & the typical information contained

FHA Inspection Criteria

- FHA inspection check lists
- Inspecting FHA's safely
- Examples of FHA damage / failure
- Inspection of equipment
- Galvanic corrosion
- Correct & incorrect use of hose whip checks
- Inspecting of ISO quick release couplings

Assessment

- Knowledge paper exam