

Course BFPA Hose Assembly Skills Training Programme
Duration 2 Days
Tutors Course tutors are NVQ A1/D32/D33 qualified



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Training

Introduction

This BFPA accredited and certified course is aimed at personnel who have already completed the Foundation Course. The course aims to train the skills needed to prepare and make hoses which are fit for purpose and all information within the course is regularly updated. Delegates completing this course will have been trained to an assessed level of ability in working with hose.

This course consists of classroom-training period, followed by a practical session on the manufacture of a range of hose assemblies and pressure testing procedures.

The Assembly Procedures used form part of our In-House Training Programme and the course is in accordance with the British Fluid Power Association.

Learning Objectives

During this 2 day course, delegates receive tuition in the many techniques and considerations essential for the production of a quality hose and thus installation. Many of these items will have been referred to in the Foundation Course, this skills-based course adds to knowledge and competence.

Course 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
- Coupling selection and assembly
- Hose skiving
- Angular orientation
- Swaging
- Testing



Continued on next page

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Course Content Continued



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Contamination

- Cleanliness
- Hose cutting
- Cleaning
- Flushing
- Jet plug
- Storage and handling
- Cleanliness measurement

Tightening of Connectors

- Adjustables
- Hose connectors
- Tightening methods

Hose Assembly Routing and Installation

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

Delegate's material

On successful completion, each candidate will receive a spiral bound BFPA course booklet and BFPA certificate.



Location: EnerMech Training Centre or Client Premises

Dates: Arranged to mutual agreement of Company / Candidates / Consultants

Certification: Provided by the British Fluid Power Association