

# Satellite Centre Courses

## Stage 1 Hydraulics Course

04-05 JULY 2017

2 Days - 9am-5pm

**We believe that “NO ONE” should work on or around hydraulic systems unless they have completed this level of training.**

This course meets the BFPA MINIMUM EDUCATION RECOMMENDATIONS for HYDRAULICS appertaining to the knowledge based elements designed for those involved in the maintenance and management of fluid power systems involving hydraulics, relating to both mobile and industrial applications within all sectors of UK Industry.

**Professional Partnership**



This course will be delivered on site at Webtec  
Nuffield Road, St Ives, Cambridgeshire PE27 3LZ

### **COURSE AIMS**

- 1) To ensure candidates have a better overall knowledge and understanding of hydraulic system components, their function, operation and how they form a working circuit.
- 2) Improve communication levels as terminology is better understood, together with key aspects of health and safety, resulting in improved levels of safe working practices when working with and around hydraulic systems

**Candidates will receive a comprehensive set of, course notes, lunch, refreshments and a certificate of attendance**

**£550.00 /pp +VAT(2 Day Course)**

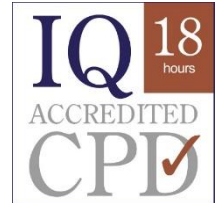
## ENTRY REQUIREMENTS

None, however it is the ideal next step for those who have already attended the NFPC "Introduction to Hydraulics Course"

## COURSE OBJECTIVES – (KNOWLEDGE BASED)

On completion of this course candidates will know:

- 1) the fundamental principles that underpin all hydraulic systems
- 2) the function and operation of the major system components
- 3) how to read and interpret hydraulic circuit diagrams
- 4) the importance of contamination management at all times
- 5) the safe working practices associated with maintenance procedures



*This TWO day knowledge based course can be followed on by an additional ONE day Practical Hands on training at the NFPC at a later date at an additional cost of £400.00 per person EXC VAT  
The total 3 day course enables  
18 hours of CPD (Continuous Professional Development) to be recorded and awarded by the Institute of Quarrying.*

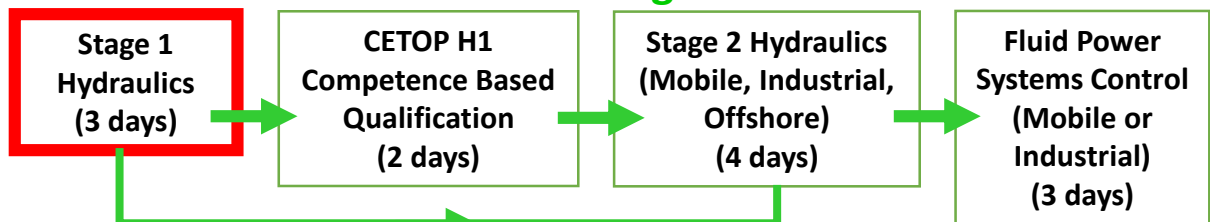
## COURSE OBJECTIVES – (1 Day SKILLS BASED) Follow on course at the NFPC (£400)

During the practical section of this ONE DAY follow on course candidates will engage in and apply the following skills:

- 1) read and interpret hydraulic circuit diagrams
- 2) construct simple hydraulic circuits
- 3) select and install components as prescribed by the circuit diagrams
- 4) setting up procedures relating to hydraulic components
- 5) testing the performance of a pump involving the use of basic diagnostics
- 6) working with live hydraulics and applying safe working practices

**This ADDITIONAL DAY HELD AT THE NFPC at Worksop (S817HP) must be booked separately**

## Recommended Progression Route



Contact us for further information or to book your place

Bookings & Customer Liaison ( Anne Clarke)

Tel: + 44 (0) 1909 504539 email: [acclarke@nfpc.co.uk](mailto:acclarke@nfpc.co.uk)

Visit our website [www.nfpc.co.uk](http://www.nfpc.co.uk)

**£550.00 /pp +VAT (2 day course)**