TRAINING HERE AT THE NFPC

THE NFPC is an APPROVED TRAINING PROVIDER for:

- THE NFPC IS THE UK’s LEADING CENTRE FOR CETOP COMPETENCE BASED QUALIFICATIONS LEVELS 1,2,3
- WORLD CLASS PRACTICAL TRAINING FACILITIES
- SUPPORTED BY 10 OF THE UK’s TOP SYSTEMS TRAINING ENGINEERS FROM UK INDUSTRY

www.nfpc.co.uk
Reserve you places online or contact Anne Clarke (0)1909 504539 /aclarke@nfpc.co.uk

National Fluid Power Centre Ltd
Turner Road, Worksop
Notts, S81 7AE
National Fluid Power Centre Ltd
A UK Leading provider for Training involving:
HYDRAULICS-PNEUMATICS-ELECTRO-HYDRAULICS-
SENSOR TECHNOLOGY-DATA MANAGEMENT

Why should **YOU** attend the NFPC?

8 Reasons why **YOU** should **choose** the NFPC:

1. BEST practical facilities in Europe to improve your skills and role competency
2. We have 10 highly experienced Training Engineers from UK Industry who understand your training needs and are here to improve your performance.
3. **NEVER WAIT** to attend our Stage 1 Hydraulics Course- we offer it every week
4. All courses have a high practical content to improve your skills through hands on experience. (Real World Technology)
5. Course contents have a high usefulness factor and relate to the real world of work and that of improving your overall capability and employability
6. We will respond quickly to your needs with a positive solution and help you in every way to upskill and educate your staff as part of your Learning and Development Plans
7. NFPC is the approved training provider for many MAJOR COMPANIES and we are supported by an Industry Advisory Group of over 60 National and International Companies
8. NFPC is the only CETOP Certified Centre in the UK offering Competence Based Qualifications at Levels 1,2 and 3 and with over 30 years of experience.

**JUST LOOK AT OUR PRACTICAL TRAINING FACILITIES**
**NO OTHER TRAINING CENTRE CAN MATCH THIS**

We offer on-line Self Assessments for Hydraulics, Pneumatics and Electro-Hydraulics
**FOC- visit our Website**https://www.nfpc.co.uk/online-self-assessment/

If you wish to RESERVE places on any of our courses- **You can “BOOK ON-LINE, “PAY ON-LINE” and Self Assess.**
For more information CONTACT- Bookings & Customer Liaison Anne Clarke Email:- aclarke@nfpc.co.uk
Tel No: + 44(0)1909 504539 Visit our website - [www.nfpc.co.uk](http://www.nfpc.co.uk) or GOOGLE – National Fluid Power Centre
<table>
<thead>
<tr>
<th>Course Title</th>
<th>Duration</th>
<th>Planned Dates</th>
<th>Cost per person Exc VAT</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Introductory Level &amp; Stage 1 (Hydraulics/Electro-Hydraulics)</strong></td>
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</table>
| Introduction to Hydraulics (BASIC) | 2 Day Course | • 08-09 Jan  
• 22-23 Jan  
• 05-06 Feb  
• 19-20 Feb  
• 04-05 Mar  
• 25-26 Mar  | • 15-16 Apr  
• 07-08 May  
• 20-21 May  
• 03-04 June  
• 17-18 June  
• 01-02 July  
• 15-16 July  | £685.00 |
| Introduction to Electro-Hydraulics (Basic) | 2 Day Course | • 15-16 Jan  
• 12-13 Feb  
• 18-19 Mar  
• 02-03 Apr  
• 13-14 May  
• 10-11 June  | | £685.00 |
| Stage 1 Hydraulics Follow on Course if required CETOP H1 see dates below | 3 Day Course | • 08-10 Jan  
• 15-17 Jan  
• 22-24 Jan  
• 05-07 Feb  
• 12-14 Feb  
• 26-28 Feb  
• 04-06 Mar  
• 11-13 Mar  
• 18-20 Mar  
• 25-27 Mar  | • 02-04 Apr  
• 15-17 Apr  
• 22-24 Apr  
• 07-09 May  
• 13-15 May  
• 20-22 May  
• 10-12 June  
• 17-19 June  
• 24-26 June  
• 01-03 July  
• 08-10 July  
• 15-17 July  | £1090.00 |
| Stage 1 Electro-Hydraulics (Maximum Candidates = 4) Follow on course if requires is new CETOP FPE1 dates below | 3 Day Course | • 17-19 Jan  
• 14-16 Feb  
• 20-22 Mar  
• 15-17 May  
• 24-26 June  | | £1090.00 |

**CETOP LEVEL 1 Competence Based Qualifications**

| CETOP H1 Hydraulics Competence Based Qualification | 2 Day Course | • 11-12 Jan  
• 18-19 Jan  
• 25-26 Jan  
• 08-09 Feb  
• 15-16 Feb  
• 29 Feb-01 Mar  
• 07-08 Mar  
• 14-15 Mar  
• 21-22 Mar  | • 18-19 Apr  
• 25-26 Apr  
• 16-17 May  
• 23-24 May  
• 13-14 June  
• 20-21 June  
• 27-28 June  
• 04-05 July  
• 18-19 July  | £685.00 |

| NEW CETOP FPE1 Applied Elec/Elec Competence Based Qualification | 3 Day Course | • 22-24 Jan  
• 19-21 Feb  
• 25-27 Mar  
• 20-22 May  
• 01-03 July  | | £1090.00 |

**www.nfpc.co.uk**

National Fluid Power Centre Ltd, Turner Rd Worksop, Notts, S81 7AE
## MAINTENANCE & MANAGEMENT (Stage 2 Courses)

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Duration</th>
<th>Planned Dates</th>
<th>Cost per person Exc VAT</th>
</tr>
</thead>
</table>
| Stage 2 INDUSTRIAL HYDRAULICS (Maximum 12)       | 4 Day Course | • 22-25 Jan  
• 19-22 Feb  
• 18-21 Mar | £1300.00     |
| Stage 2 MOBILE HYDRAULICS                        | 4 Day Course | • 12-15 Feb  
• 25-28 Mar  
• 15-18 Apr  
• 28-31 May | £1300.00     |
| Stage 2 OFFSHORE HYDRAULICS                      | 4 Day Course | ON REQUEST (Minimum of 4 Candidates) | £1300.00     |

## CETOP LEVEL 2 Competence Based Qualification

<table>
<thead>
<tr>
<th>Qualification Description</th>
<th>Course Duration</th>
<th>Planned Dates</th>
<th>Cost per person</th>
</tr>
</thead>
</table>
| CETOP IH2 INDUSTRIAL Hydraulics Competence Based Qualification | 4 Day Course | • 29 Jan-01 Feb  
• 25-28 Mar  
• 28-31 May | £1400.00     |
| CETOP MH2 MOBILE Hydraulics Competence Based Qualification | 5 Day Course | • 26 Feb-01 Mar  
• 29 Apr-03 May  
• 24-28 June | £1470.00     |

## Stage 3 Advanced Hydraulics

<table>
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<tr>
<th>Course Title</th>
<th>Duration</th>
<th>Planned Dates</th>
<th>Cost per person</th>
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<tbody>
<tr>
<td>Stage 3 INDUSTRIAL (Advanced Hydraulics)</td>
<td>4 Day Course</td>
<td>ON REQUEST</td>
<td>£1200.00</td>
</tr>
<tr>
<td>Stage 3 MOBILE (Advanced Hydraulics)</td>
<td>5 Day Course</td>
<td>ON REQUEST</td>
<td>£1470.00</td>
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## CETOP LEVEL 3 Competence Base Qualifications

<table>
<thead>
<tr>
<th>Qualification Description</th>
<th>Duration</th>
<th>Planned Dates</th>
<th>Cost per person</th>
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</table>
| CETOP LEVEL 3 (IH3) INDUSTRIAL HYDRAULICS | 1 YEAR     | 1st Aug 24 to 31st July 25 | Induction July 2024  
RESERVE YOUR PLACE  
SEE PREREQUISITES | £2100.00     |
| CETOP LEVEL 3 (MH3) MOBILE HYDRAULICS      | 1 YEAR     | 1st Aug 24 to 31st July 25 | Induction July 2024  
RESERVE YOUR PLACE  
SEE PREREQUISITES | £2100.00     |

The above Qualification will involve: 20 Written Assignments, up to 5 days at the NFPC carrying out Practical Task Assessments and a final written examination with a pass mark of 70%
<table>
<thead>
<tr>
<th>Course Title</th>
<th>Duration</th>
<th>Planned Dates</th>
<th>Cost per person Exc VAT</th>
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<tbody>
<tr>
<td><strong>STANDARD HYDRAULIC RELATED COURSES</strong></td>
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<tr>
<td>Stage 2 PUMPS &amp; CONTROLS</td>
<td>3 Day Course</td>
<td>• 15-17 Jan&lt;br&gt;• 11-13 Mar&lt;br&gt;• 07-09 May&lt;br&gt;• 22-24 July</td>
<td>£1090.00</td>
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<tr>
<td>Stage 2 ACCUMULATOR COMPETENCE</td>
<td>2 Day Course</td>
<td>• 29-30 Jan&lt;br&gt;• 19-20 Feb&lt;br&gt;• 04-05 Mar&lt;br&gt;• 02-03 Apr&lt;br&gt;• 28-29 May&lt;br&gt;• 17-18 June&lt;br&gt;• 22-23 July</td>
<td>£735.00</td>
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<tr>
<td>Hydraulic Hose Assembly</td>
<td>1 Day Course</td>
<td>• 08 Feb&lt;br&gt;• 14 Mar</td>
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<tr>
<td>Stage 2 HYDRAULIC TROUBLESHOOTING</td>
<td>2 Day Course</td>
<td>ON REQUEST</td>
<td>£750.00</td>
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<tr>
<td>BASIC HYDRAULIC (Industrial) SYSTEM DESIGN</td>
<td>6 Sessions Friday Mornings (3 Hour Sessions)</td>
<td>Date to be confirmed</td>
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<tr>
<td>Apprentice Summer School</td>
<td>8 days Monday 1pm to Friday 12.00 (2 consecutive weeks)</td>
<td>Week 1 (15-19 July)&lt;br&gt;Week 2 (22-26 July)</td>
<td>£1775.00</td>
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<tr>
<td><strong>PNEUMATIC RELATED COURSES</strong></td>
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<tr>
<td>Introduction to Pneumatics</td>
<td>2 Day Course</td>
<td>ON REQUEST</td>
<td>£685.00</td>
</tr>
<tr>
<td>Stage 1 Electro-Pneumatics</td>
<td>3 Day Course</td>
<td>• 05-07 Feb&lt;br&gt;• 22-24 Apr&lt;br&gt;• 13-15 May&lt;br&gt;• 10-12 June</td>
<td>£1090.00</td>
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<tr>
<td>CETOP P1 PNEUMATICS Level 1 Qualification</td>
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<td>£685.00</td>
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<tr>
<td>CETOP P1 Pneumatics Competence Based Qualification</td>
<td>2 Day Course</td>
<td>• 08-09 Feb&lt;br&gt;• 25-26 Apr&lt;br&gt;• 16-17 May&lt;br&gt;• 13-14 June</td>
<td>£685.00</td>
</tr>
</tbody>
</table>
**Important Message**

Due to the increased levels of control and automation and the application of more and more electrical and electronic systems and devices used in conjunction with Fluid Power Systems, the NFPC has introduced a series of NEW ELECTRO-HYDRAULIC Courses.

Namely:  **INTRODUCTION TO ELECTRO-HYDRAULICS (2 Days)**  
**STAGE 1 ELECTRO-HYDRAULICS (3 Days)**  
These are highly recommended BUT NOT COMPULSORY. Visit our Website for more details.

We also offer: **INTRODUCTION TO HYDRAULICS (2 Days)** and **INTRODUCTION TO PNEUMATICS (2 Days)** we suggest you use our ONLINE SELF ASSESSMENT to identify your current knowledge level.

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**This Symbol denotes – HIGHLY RECOMMENDED, and should be considered.** Use the NFPC Online Self-Assessment to check your current knowledge levels and to see if you require this course.

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**Hydraulics**

- **Stage 1**
  - Introduction to Hydraulics 3 days  
  - Introduction to Proportional Hydraulics 1 day -£350 Ex VAT (ON REQUEST)
  
- **Stage 2**
  - Pumps & Controls 3 day  
  - Safe Management of Hydraulic Systems 1 day - (ON REQUEST)
  - Contamination Management/Assessment 2x1 days  
  - Winch Hydraulic Systems 3 days (ON REQUEST)
  
- **Stage 3**
  - Industrial Advanced Hydraulics 4 days  
  - Offshore Hydraulics 4 days

**Pneumatics**

- **Stage 1**
  - Electro-Hydraulics 3 days

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**Contact:**

National Fluid Power Centre Ltd, Turner Rd Worksop, Notts, S81 7AE

www.nfpc.co.uk
Recommended Progression Route to obtain CETOP COMPETENCE BASED QUALIFICATIONS

The National Fluid Power Centre has over 30 years of experience in delivering and assessing CETOP Competence Based Qualifications and is the only Centre in the UK offering all levels.

LEVEL 1 QUALIFICATION

CETOP FPE1
(Fluid Power Applied Electrical/ Electronic Control)
3 days
Stage 1
Electro-Hydraulics
3 days
Stage 1
Hydraulics
3 days

LEVEL 2 QUALIFICATIONS

CETOP IH2
(Industrial)
4 days
Stage 2
INDUSTRIAL Hydraulics
4 days
Stage 1
Electro-Hydraulics
3 days

CETOP H1
Hydraulics
2 days
Stage 1
Hydraulics
3 days

CETOP P1
Pneumatics
2 days
Stage 1
Electro-Pneumatics
3 days
Introduction to Pneumatics
2 days

LEVEL 2 QUALIFICATIONS

CETOP MH2
(Mobile)
5 days
Stage 2
MOBILE Hydraulics
4 days
Stage 1
Electro-Hydraulics
3 days
Stage 1
Hydraulics
3 days

This Symbol denotes – HIGHLY RECOMMENDED, and should be considered. Use the NFPC Online Self-Assessment to check your current knowledge levels and to see if you require this course.

https://www.nfpc.co.uk/online-self-assessment/
**NFPC-RECOMMENDED PROGRESSION ROUTES –**

**Recommended Progression Route to obtain CETOP COMPETENCE BASED QUALIFICATIONS**

**LEVEL 3 QUALIFICATIONS- £2000.00 per person Exc VAT**

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![Diagram showing recommended progression routes for CETOP IH3 and CETOP MH3 qualifications.]

**This Symbol denotes – HIGHLY RECOMMENDED, and should be considered. Use the NFPC Online Self-Assessment to check your current knowledge levels and to see if you require this course.**

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**This is a 1 Year programme. Induction will take place each year in late July. To obtain this qualification requires a high commitment to personal study. You will be expected to complete 20 written assignments with an EXCELLENT/GOOD mark, complete a written examination with a pass mark of 70% and complete a series of one to one practical task assessments over a period of 4 to 5 days here at the NFPC**

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**DENOTES HIGHLY RECOMMENDED**

**VISIT THE CETOP WEB SITE AND CHECK THE EDUCATIONAL RECOMMENDATIONS** [https://www.cetop.org/education/](https://www.cetop.org/education/)

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**www.nfpc.co.uk**

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**National Fluid Power Centre Ltd, Turner Rd Worksop, Notts, S81 7AE**
If 3 years have passed since you last attended a specific course here at the NFPC, we recommend you to consider REFRESHER TRAINING.

We will offer you Refresher Training at a reduced rate. To qualify for this you must send us a copy of your original course certificate signed by the NFPC Director and dated to Anne Clarke NFPC Booking & Customer Liaison Officer (aclarke@nfpc.co.uk). Tel No. 01909 504539. We will then look at available course places and fit you in accordingly.

Refresher Courses - Reduced Prices

### 3 Day Courses

- **Stage 1 - Hydraulics**
- **Stage 1 – Electro-Pneumatics**
- **Stage 1 – Electro-Hydraulics**

<table>
<thead>
<tr>
<th></th>
<th>Full Cost per person</th>
<th>REFRESHER Cost per person</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>£1090.00 Exc VAT</td>
<td>£800.00 Exc VAT</td>
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</tbody>
</table>

### 4 Day Courses

- **Stage 2 - Industrial Hydraulics**
- **Stage 2 - Mobile Hydraulics**
- **Stage 2 - Offshore Hydraulics**

<table>
<thead>
<tr>
<th></th>
<th>Full Cost per person</th>
<th>REFRESHER COST per person</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>£1300.00 Exc VAT</td>
<td>£980.00 Exc VAT</td>
</tr>
</tbody>
</table>

**STAGE 2 – REFRESHER OPTIONS**

The above 4 day courses consist of 2 Days Knowledge Based and 2 Days Practical Training. If you only wish to take up 2 days of refresher training (you choose and let us know) Knowledge Based or Practical

The Cost for a 2 day refresher would be £490.00 per person Exc VAT

To reserve your place on a Refresher Course and check availability, contact Anne Clarke (Bookings and Customer Liaison at the NFPC) Contact details – aclarke@nfpc.co.uk Tel No 01909 504539

Note - Prices may be subject to change.