THE NFPC is an APPROVED TRAINING PROVIDER for:

THE NFPC IS THE UKs LEADING CENTRE FOR CETOP COMPETENCE BASED QUALIFICATIONS LEVELS 1,2,3

WORLD CLASS PRACTICAL TRAINING FACILITIES

SUPPORTED BY 10 OF THE UK TOP SYSTEMS TRAINING ENGINEERS FROM UK INDUSTRY

THE NFPC is an APPROVED TRAINING PROVIDER for:

www.nfpc.co.uk
RESERVE YOUR PLACES ONLINE OR CONTACT ANNE CLARKE
(0)1909 504539 / ACLARKE@NFPC.CO.UK
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 Websitehttps://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 or GOOGLE – National Fluid Power Centre
## HYDRAULIC COURSES - Starting AUGUST 2024

### Introductory Level, Stage 1 (Hydraulics/Electro-Hydraulics)

<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>Introduction to Hydraulics</strong></td>
<td>2 Day Course</td>
<td>• 05-06 Aug • 12-13 Aug • 02-03 Sept • 16-17 Sept • 07-08 Oct • 28-29 Oct • 11-12 Nov • 25-26 Nov • 09-10 Dec</td>
<td>£720.00</td>
</tr>
<tr>
<td><strong>Introduction to Electro-Hydraulics</strong></td>
<td>2 Day Course</td>
<td>• 19-20 Aug • 16-17 Sept • 14-15 Oct • 18-19 Nov • 09-10 Dec</td>
<td>£720.00</td>
</tr>
<tr>
<td><strong>Stage 1 Hydraulics</strong></td>
<td>3 Day Course</td>
<td>• 05-07 Aug • 12-14 Aug • 19-21 Aug • 02-04 Sept • 09-11 Sept • 16-18 Sept • 23-25 Sept • 30 Sept-02 Oct • 14-16 Oct • 28-30 Oct • 04-06 Nov • 11-13 Nov • 18-20 Nov • 25-27 Nov • 02-04 Dec • 09-11 Dec</td>
<td>£1120.00</td>
</tr>
<tr>
<td><strong>Stage 1 Electro- Hydraulics</strong></td>
<td>3 Day Course</td>
<td>• 21-23 Aug • 18-20 Sept • 16-18 Oct • 20-22 Nov • 11-13 Dec</td>
<td>£1120.00</td>
</tr>
</tbody>
</table>

### CETOP LEVEL 1 Competence Based Qualifications (Hydraulics/Elec Hydraulics)

| CETOP H1 Hydraulics Competence Based Qualification | 2 Day Course | • 08-09 Aug • 22-23 Aug • 05-06 Sept • 19-20 Sept • 03-04 Oct • 17-18 Oct • 31 Oct- 01 Nov • 07-08 Nov • 28-29 Nov • 12-13 Dec | £750.00 (Inc. BFPA Certification Costs) |
| CETOP FPE1 Applied Elec/Elec Competence Based Qualification | 3 Day Course | • 28-30 Aug • 02-04 Oct • 30 Oct- 01 Nov • 27-29 Nov | £1130.00 (Inc. BFPA Certification Costs) |

Please refer to the attached Recommended Progression Routes and use the NFPC Online Self-Assessment Tests to check your current knowledge levels (www.nfpc.co.uk)

www.nfpc.co.uk

National Fluid Power Centre Ltd, Turner Rd, Worksop, Notts, S81 7AE
## HYDRAULIC COURSES - Starting August 2024

<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>MAINTENANCE &amp; MANAGEMENT (Stage 2 Courses)</strong></td>
<td></td>
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<td></td>
</tr>
<tr>
<td><strong>Stage 2 Industrial Hydraulics</strong></td>
<td>4 Day</td>
<td>• 19-22 Aug</td>
<td>£1350.00</td>
</tr>
<tr>
<td>• 2 Day Technical Lectures</td>
<td></td>
<td>• 09-12 Sept</td>
<td></td>
</tr>
<tr>
<td>• 2 Day Hands-on Practical Training</td>
<td></td>
<td>• 07-10 Oct</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• 04-07 Nov</td>
<td></td>
</tr>
<tr>
<td><strong>Stage 2 Mobile Hydraulics</strong></td>
<td>4 Day</td>
<td>• 02-05 Sept</td>
<td>£1350.00</td>
</tr>
<tr>
<td>• 2 Day Technical Lectures</td>
<td></td>
<td>• 23-26 Sept</td>
<td></td>
</tr>
<tr>
<td>• 2 Day Hands-on Practical Training</td>
<td></td>
<td>• 28-31 Oct</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>• 25-28 Nov</td>
<td></td>
</tr>
<tr>
<td><strong>Stage 2 Offshore Hydraulics</strong></td>
<td>4 Day</td>
<td>ON REQUEST (Minimum of 4 Candidates)</td>
<td>£1350.00</td>
</tr>
<tr>
<td>• 2 Day Technical Lectures</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• 2 Day Hands-on Practical Training</td>
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</table>

### CETOP LEVEL 2 (Hydraulic) Competence Based Qualification

<table>
<thead>
<tr>
<th>CETOP IH2 INDUSTRIAL Hydraulics</th>
<th>4 Day Course</th>
<th>Planned Dates</th>
<th>Cost per person Exc VAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Competence Based Qualification</td>
<td>This will involve: Written Exam-60% Pass Mark and One to one practical task assessment</td>
<td>• 16-19 Sept</td>
<td>£1450.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• 14-17 Oct</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>• 11-14 Nov</td>
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</tr>
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</table>

<table>
<thead>
<tr>
<th>CETOP MH2 MOBILE Hydraulics</th>
<th>5 Day Course</th>
<th>Planned Dates</th>
<th>Cost per person Exc VAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Competence Based Qualification</td>
<td>This will involve: Written Exam-60% Pass Mark and One to one practical task assessment</td>
<td>• 09-13 Sept</td>
<td>£1520.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• 04-08 Nov</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>• 02-06 Dec</td>
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</tbody>
</table>

### Advanced Stage 3 Hydraulic Courses (Pre-requisite for CETOP Level 3)

| Stage 3 INDUSTRIAL (Advanced Hydraulics) | 4 Day Course | ON REQUEST | £1350.00 |

| Stage 3 MOBILE (Advanced Hydraulics)    | 5 Day Course | ON REQUEST | £1500.00 |

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**Please refer to the attached Recommended Progression Routes and use the NFPC Online Self-Assessment Tests to check your current knowledge levels** *(www.nfpc.co.uk)*

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www.nfpc.co.uk

National Fluid Power Centre Ltd, Turner Rd, Worksop, Notts, S81 7AE
<table>
<thead>
<tr>
<th>Course Title</th>
<th>Duration</th>
<th>Planned Dates</th>
<th>Cost per person Ex VAT</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Stage 2</strong> PUMPS &amp; CONTROLS</td>
<td>3 Day</td>
<td>• 28-30 Aug</td>
<td>£1120.00</td>
</tr>
<tr>
<td></td>
<td>Course</td>
<td>• 30 Sept- 02 Oct</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• 04-06 Nov</td>
<td></td>
</tr>
<tr>
<td><strong>Stage 2</strong> ACCUMULATOR COMPETENCE</td>
<td>2 Day</td>
<td>• 15-16 Aug</td>
<td>£750.00</td>
</tr>
<tr>
<td></td>
<td>Course</td>
<td>• 26-27 Sept</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• 14-15 Nov</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• 05-06 Dec</td>
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</tr>
</tbody>
</table>

**ADDITIONAL Hydraulic Courses are available on REQUEST**

**Stage 1**
- Introduction to Proportional Hydraulics
  - 1 day - £375.00 Ex VAT

**Stage 2**
- Proportional Hydraulics
  - 3 days - £1120.00 Ex VAT
- Hydraulic Troubleshooting
  - 2 days - £750.00 Ex VAT
- Winch Hydraulic Systems
  - 3 days - £1120.00 Ex VAT
- Contamination Management/assessment
  - 2 x 1 days - £750.00 Ex VAT
- Safe Management of Hydraulic Systems
  - 1 day - £375.00 Ex VAT
- Moog RKP Pump/Control
  - 1 day - £375.00 Ex VAT
- Company Bespoke Courses
  - Delivered on your site
    (Ask for our current Pricing Policy)
- Mathematics Applied to Hydraulic Systems
  - 1 day - £350.00 Ex VAT
- Hydraulics Hose Assembly Technology
  - 1 day - £375.00 Ex VAT

Please refer to the attached Recommended Progression Routes and use the NFPC Online Self-Assessment Tests to check your current knowledge levels (www.nfpc.co.uk)

www.nfpc.co.uk

National Fluid Power Centre Ltd, Turner Rd Worksop, Notts, S81 7AE
## HYDRAULIC COURSES - Starting August 2024

<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>STANDARD PNEUMATIC/ELECTRO-PNEUMATIC COURSES</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| **Introduction to Pneumatics**
*Including Practical Hands on Training* | 2 Day Course | • 19-20 Aug
• 23-24 Sept
• 28-29 Oct | **£700.00** |
| **Stage 1 Electro-Pneumatics**
*High Practical Content*
*(Pre-requisite for CETOP P1 Qualification)* | 3 Day Course | • 02-04 Sept
• 07-09 Oct
• 04-06 Nov | **£1120.00** |
| **CETOP Competence Based-PNEUMATIC COURSE (P1)** | | | |
| **CETOP P1 Pneumatics**
*Competence Based Qualification*
This involves:
• Top up Technical Lectures
• Written Exam Pass Mark 60%
• Practical Task Assessment | 2 Day Course | • 05-06 Sept
• 10-11 Oct
• 07-08 Nov | **£1130.00**
* (Inc. BFPA Certification Costs) |

Please refer to the attached Recommended Progression Routes and use the NFPC Online Self-Assessment Tests to check your current knowledge levels (www.nfpc.co.uk)

www.nfpc.co.uk

National Fluid Power Centre Ltd, Turner Rd, Worksop, Notts, S81 7AE
**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.
NFPC-RECOMMENDED PROGRESSION ROUTES –

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 2 QUALIFICATIONS

- CETOP IH2 (Industrial) 4 days
- CETOP MH2 (Mobile) 5 days

LEVEL 2 QUALIFICATIONS

- Stage 2 INDUSTRIAL Hydraulics 4 days

- Stage 2 MOBILE Hydraulics 4 days

LEVEL 1 QUALIFICATION

- CETOP FPE1 (Fluid Power Applied Electrical/Electronic Control) 3 days

LEVEL 1 QUALIFICATION

- Stage 1 Electro-Hydraulics 3 days

LEVEL 1 QUALIFICATION

- CETOP H1 Hydraulics 2 days

- Stage 1 Electro-Pneumatics 3 days

- Introduction to Pneumatics 2 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/
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.

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.

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.

DENOTES HIGHLY RECOMMENDED

VISIT THE CETOP WEB SITE AND CHECK THE EDUCATIONAL RECOMMENDATIONS https://www.cetop.org/education/

www.nfpc.co.uk
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

Full Cost per person = £1120.00 Exc VAT  
REFRESHER Cost per person = £800.00 Exc VAT

4 Day Courses

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

Full Cost per person = £1350.00 Exc VAT  
REFRESHER COST per person = £980.00 Exc VAT

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 £550.00 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