

**Special Offer to IAgRE.
Members for the NEW YEAR
ONE WEEK ONLY
WC - 22nd- 26 March 2021**

ARE YOUR STAFF TRAINED TO BFPA MERs?



**BFPA MINIMUM EDUCATIONAL
RECOMMENDATIONS - HYDRAULICS
FOUNDATION LEVEL**



BRITISH FLUID POWER ASSOCIATION

[Click to view our COVID-19 Safety Video
https://youtu.be/eYiys3il3CI](https://youtu.be/eYiys3il3CI)

**We are delivering all BFPA
(Minimum Educational
Recommendations)
from this Centre every week.
Webinars via ZOOM and
Practical Follow-on Skills
development days**

£ 200.00 SAVING

For this limited period

(Normally £600.00)

£450.00 Exc VAT

(Normally £300.00)

£250.00 Exc VAT per day

Mon-22 nd	Tues-23 rd	Wed-24 th	Thu-25 th	Fri-26 th
WEBINAR	WEBINAR	PRACTICAL	PRACTICAL	PRACTICAL

Terms and Conditions apply

*Select the Practical day to meet your needs
or attend at a later date*

**IMPORTANT STEP
CONTACT US.**

To check availability and reserve your
Webinar Days, contact,
Anne Clarke on
01909 504539
aclarke@nfpc.co.uk

*NFPC Stage 1 Hydraulics
meets and exceeds the
BFPA MERs, This 3 day course is
presented and delivered by NFPC
Systems
Training Engineers with a vast
knowledge and experience involving
the maintenance of Fluid Power
Systems*

NFPC Stage 1 Hydraulics/BFPA Minimum Educational Recommendations

*We recommend that **KNOW ONE** works on or around systems involving Hydraulics unless they have completed the **BFPA MERs**.*

WHO IS IT FOR ? These WEBINAR MODULES are designed to increase and improve the knowledge of **Maintenance Staff and Managers** at all levels. This extended knowledge will enable staff to better maintain and manage Fluid Power Systems with a better understanding of component function and operation. They will follow safer working procedures and once they have **attended Module 3**, their work-based skills and role competency will improve. Staff will also work together with greater synergy and levels of communication.

2 Days Technical Webinars via ZOOM- Covering the following:



- **7 Basic Rules and building blocks** – the rules that govern how our systems work and the common basic components.
- **Symbols** – common symbols for hydraulic components and how to read them.
- **Flow control** – how we achieve flow control and the components used.
- **Pressure control** – the basic pressure control valves, why we use them and how they work.
- **Direction control** – the basic direction control valves and their construction .
- **Pumps** – how a pump works, construction of the main types and comparison of their capabilities.
- **Hose technology** - How to understand what a hose specification means and how to safely use them.
- **Oils and contamination** - the functions of oil and good practices relating to contamination ingress.
- **Safe working procedures**- What are the dangers within hydraulic systems and associated risks?

2 Day Practical Skills Development at NFPC- World Class Practical Facilities



Working on live hydraulic systems, you will be given full instructions on safe working procedures and you will progress to building working circuits to meet a particular specification. From hydraulic circuit diagrams, you will follow setting up procedures of pressure, flow and direction control valves adding to your understanding of their function and operation as well as their control features.

Circuits will involve the operation of Cylinders and motors and where circuits fail to operate you may well be tasked to take a logic approach to fault diagnosis.