

Zoom Based Webinars and Follow-on Practical Skills Development Days at the NFPC

Message from John R Savage Director.

Today's Hydraulic and Pneumatic Systems are interfaced with Electrical and Electronic Controls. We term this an Integrated Fluid Power System (IFPS).

IFPSs have changed the Knowledge and Skills requirements of OUR WORKFORCE AS SYSTEMS BECOME MORE COMPLEX

WE THEREFORE RECOMMEND THE
"BFA MINIMUM EDUCATIONAL RECOMMENDATIONS (MERs)" - TO EVERYONE
WORKING WITH OR ON SYSTEMS INVOLVING HYDRAULICS AND PNEUMATICS AS A MINIMUM REQUIREMENT OF THEIR JOB ROLE

NFPC – Stage 1 Courses in HYDRAULICS, PNEUMATICS & APPLIED ELECTRONICS- meet and exceed the MERs

TYPICAL EXAMPLE: at the end of a STAGE 1 Hydraulics Course at the NFPC delivered via Webinars and Practical Training Days your staff would:

- Know the fundamental 7 Rules that underpin the operation of all hydraulic Systems
- Recognise hydraulic symbols and be able to read and interpret full circuit diagrams
- Know the function, operation and application of Pressure, Flow and Direction Control valves
- Know the types of Hydraulic Pumps in common use and associated control systems
- Know the importance of Contamination Management and the steps that must be taken to control contamination ingress and why
- Know the types of Hydraulic Fluids in use and the importance of ensuring that the correct fluid is used at all times plus the need for good storage and transfer procedures
- Know the general construction of Hydraulic Hoses, importance of installing the correct specification, carry out regular inspections and know the causes of failure and the importance of seal compatibility/leakage prevention
- Know the main causes of failure in Hydraulic Systems and associated symptoms and the importance of following Safe working Procedures at all times when carrying out a maintenance role

MERs set a basic standard for UK Industry to follow

- **Developed by the British Fluid Power Association**
- **Delivered by the NFPC- the UKs Leading Training provider in HYDRAULICS-PNEUMATICS – APPLIED ELECTRONICS**
- **MERs are the prerequisite for BFA Competence Based Qualifications delivered by the NFPC**



We use multiple Webcams and extensive visual aids when presenting our Webinars from our studios within the NFPC



With our WORLD CLASS Practical Training Facilities and outstanding Systems Training Engineers, we will improve your skills and work based performance



The content of our Training Courses remains the same. We present the Technical Knowledge section via ZOOM and you return to the COVID-19 controlled environment at the NFPC for Practical Hands on Training.

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World Leader in Training

Hydraulics- Pneumatics- Applied Electronics