



**BREVINI®**

*Motion Systems*

**NFPC**

*National Fluid Power Centre*

Integrated Systems Engineering  
Hydraulics • Pneumatics • Electronics

## **NFPC Stage 2 – Hydraulics, Winch Systems; in Partnership with Dana SAC UK**

### **\*HIGH PRACTICAL CONTENT\***

**This 3 day course has been developed for technicians and engineers involved in the maintenance and management of winch systems involving a range of hydraulics and controls and across such sectors as:**

- Offshore/marine
- Fishing
- Dockside
- Construction and crane applications

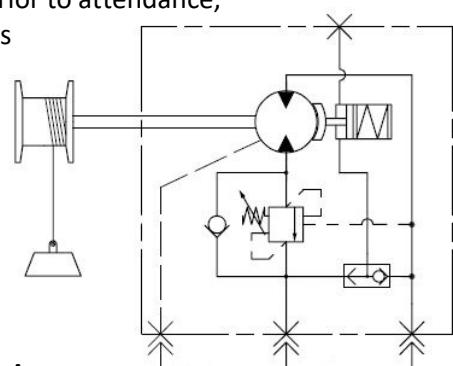
It is also ideal for any company's technical representatives with involvement in winches and their associated systems



**On completion of Stage 2 Hydraulics – Winch Systems, candidates will:**

- Know the types of winch in common use across a range of industry applications and associated terminology
- Be able to identify the hazard and manage the risks associated with winch maintenance
- Know the function, operation, application and control of the major components including winch construction
- Know the principles of load sensing and associated valves, pumps, motor drive systems and motion control valves
- Know the procedures to follow when carrying out effective installation, commissioning and fault diagnosis
- Know the causes of failure in hydraulic systems and importance of good contamination management at all times

It is recommended that Stage 1 – Hydraulics has been completed prior to attendance, however exemptions can be made for more experienced individuals



**Please contact your Dana area manager for booking information**

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