

CRANE

FLUID SYSTEMS

CPD AND TECHNICAL TRAINING

Approved by CIBSE • Available at your premises or hosted at our head office
• Training day available with chosen CPD, demonstration rig and factory tour



OUR GENIUS IS VALVES

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FLUID SYSTEMS

CPD AND TECHNICAL TRAINING

Continuous Professional Development (CPD) is a long-term commitment to improving your knowledge and skill set. At Crane Fluid Systems we offer a number of training modules, certified by CIBSE, for both specifiers and contractors.

We currently offer 4 CIBSE (Chartered Institution of Building Services Engineers) approved CPD training modules to consultants, system designers, contractors and distribution, you can choose to have these CPD sessions held at your premise, or at our manufacturing site in Hitchin.

PRACTICAL TRAINING

At Crane Fluid Systems we offer fantastic practical training in the form of a live 'training rig'. These training programmes run across the UK and Middle East and are conducted by our Technical Sales Manager, Neil Gibson (UK) and our Technical Director, Carl Backhouse (Middle East, Africa and Asia). Often run alongside our CPD training programme, these sessions are a great way for us to offer hands on training.

Upon arrival at our manufacturing site, you will be able to see first-hand how our valves are manufactured and tested in accordance to the latest standards and professional body guidelines (e.g. BSI, BSRIA, CIBSE etc.). We are happy to work to your bespoke requirements, combining your chosen CPD session with practical experience using the rig and finishing with a factory tour.

- Approved by CIBSE
- Available at customer's premises or hosted at our UK facilities
- Training day available with chosen CPD, demonstration rig and factory tour

"It was very helpful to have the session but to actually see the rig too."

LAUREN CHOONG
MECHANICAL ENGINEER
RAMBOLL, LONDON

"Informative presentation with a lot of useful info."

ASHISH THANKY VAN ZYL &
DE VILLIERS

If you would like a CPD presented to you and your staff please get in touch with...

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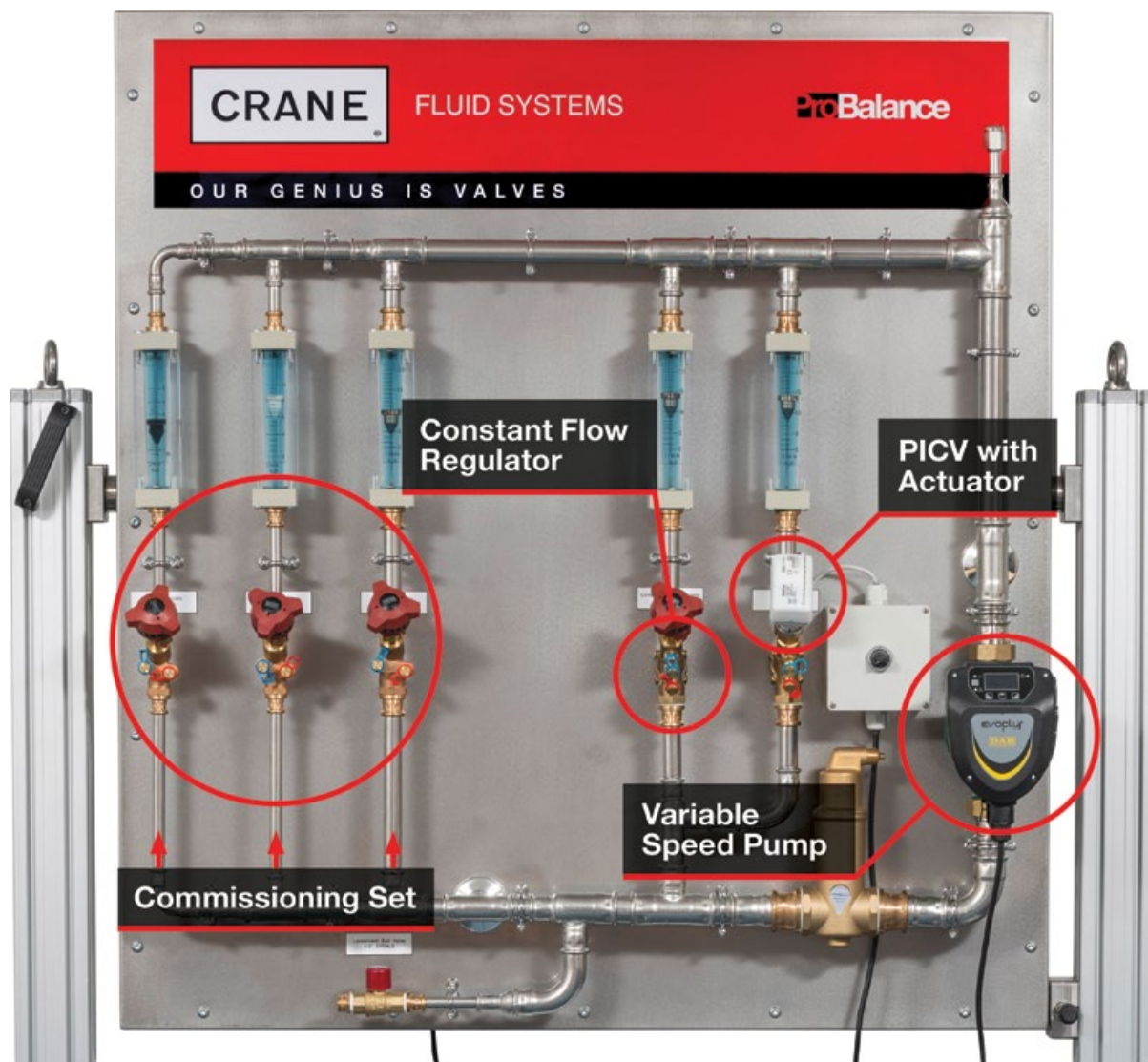


PROFESSIONAL DEVELOPMENT COURSES

Proportional Balancing	Variable Volume System – Utilising DPCVs	Variable Volume System – Utilising PICVs	Variable Volume System – Utilising DPCVs and PICVs (Option 2 and 3 combined)	Safety Valves
To give an overview of Proportional Balancing within the commissioning process. This process applies to both constant & variable flow heating and chilled water systems	To give an overview of Variable Volume systems within the scope of Differential Pressure Control Valves. Covers History, Application, Selection and Commissioning.	To give an overview of Variable Volume systems within the scope of Pressure Independent Control Valves. Covers History, Application, Selection and Commissioning.	A combination of the DPCV and PICV modules.	Overview of history of NABIC Safety Valves with information on application and selections.
CIBSE Accredited (1 Hour)	CIBSE Accredited (1 Hour)	CIBSE Accredited (1 Hour)	CIBSE Accredited (1.5 Hours)	CIBSE Accredited (1 Hour)

During these sessions we will take you through in detail everything you need to know about variable volume system design with DPCVs and PICVs, proportional balancing as well as an introduction to safety valves.

We are also more than happy to provide bespoke training on any subject, however CIBSE certifications will only be provided for CIBSE approved subjects. For subjects not CIBSE approved, a standard Crane certification will be provided.



1 Constant Flow Regulator (CFR)

A settable control valve that maintains a constant flow rate regardless of pressure changes in the system. Featuring a double regulating mechanism which allows the set position to be locked.

2 PICV with Actuator

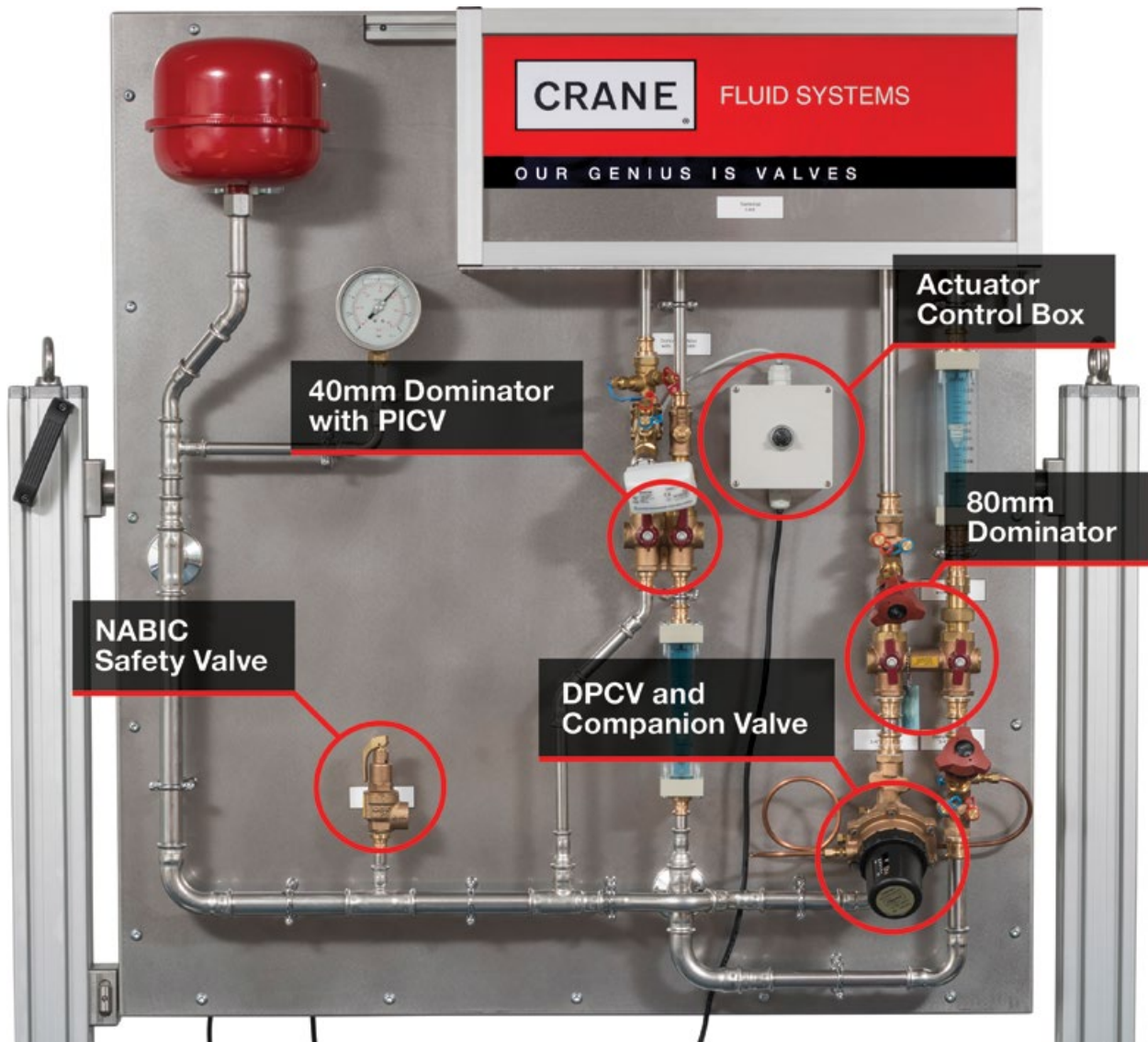
A settable control valve that maintains a constant flow rate regardless of pressure changes in the system. Coupled with our Gap Detection Modulating Actuator the valve can be actuated between its set and fully closed positions.

3 Commissioning Set

A Fixed Orifice Double Regulating Valve (FODRV), providing features such as flow regulation, isolation and flow measurement.

4 Variable Speed Pump

Witness the effects that altering the flow rate or pump head have on the various control valves featured on this training rig.



5 40mm Dominator with PICV

The latest iteration of the well-known Dominator valve arrangement. Featuring a flushing bypass, PICV and drain cock. The 40mm centres allow for direct mounting onto a Fan Coil Unit, reducing installation times and the need for lagging. Fully customisable to match the system requirements.

6 Actuator Control Box

Alter the actuator signal between 0-10V to see the real life effect this has on the system flow rates, using both traditional commissioning sets and PICVs.

7 80mm Dominator

The classic Crane Dominator with 80mm centres. Can be mounted remote to terminal units and customised to match the system requirements.

8 NABIC Safety Valve

Designed primarily for the protection of hot water boilers. They are ideal for pump relief, bypass relief, outside installations and on cold water mains to protect from PRV failure.

9 DPCV and Companion Valve

The DPCV helps reduce energy consumption, the risk of noise and simplifies the commissioning process, through limiting the differential pressure in the circuit.

TECHNICAL SUPPORT SERVICE

Our Technical Team provides a broad and collaborative service, dedicated to supporting all of your technical needs.



We pride ourselves on our dynamic service and rapid response rates when dealing with our customer enquiries, from valve sizing, to providing archived data for our older products.

Our full take-off to quotation service provides a comprehensive evaluation of your schematics which will provide you with the requisite;

Fully marked up/annotated drawings in Portable Document Format (PDF). With a unique ID assigned to each valve for ease of reference.

Valve Schedule; detailing the valves offered, pressure drops, sizing details and Crane FS part numbers to assist you when placing an order through our network of distribution partners.

Crane Fluid System Quotation representing all of the above. This is available split by drawing, floor or service.

Full Technical Submittal (if beneficial to you) consisting of bespoke, project-centric Data Sheets, Installation and Operating Manuals and other relevant information.



Reviewing your annotated drawings through Vu® Bluebeam® will further

enhance the experience with us. Vu® provides access to data not visible when using other PDF viewers. This interaction can enable fast and accurate updates if required. We can also facilitate live document sharing via this software, where changes, requirements and design can be discussed in real time either online or face to face at your place... or ours.

“We recognise that sometimes you just need a small quote, or schedule urgently – maybe you have a meeting with the end customer and want something to take with you to open negotiations or discussions. Our FastTrack Support Service offers you a 1.5 day turnaround. We will always do our best to meet your deadlines and please the end customer, just email us or call and let us know what you need.”

ALISON CAIRNEY
FASTTRACK SUPPORT TEAM



We have a FastTrack Support Service for smaller quotations. This service is used when we anticipate that works/quotations can be completed

within an hour. Our FastTrack Support Service schedule typically promises delivery of quotes and schedules within 1.5 days of receipt.

For technical support or quotation enquiries, please do not hesitate to get in touch.

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- Approved to BS EN 331: 1998
- Designed and manufactured under quality management systems in accordance with BS EN ISO 9001:2008

Every effort has been made to ensure that the information contained in this publication is accurate at the time of publishing. Crane Ltd assumes no responsibility or liability for typographical errors or omissions or for any misinterpretation of the information within the publication and reserves the right to change without notice.

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