

**CONTROL VALVE  
SOLUTIONS**



# PRODUCTS & SERVICES



Tailor-made solutions for all control valve and related products, including isolation valves, specifically for the oil & gas industry.





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# ABOUT

Control Valve Solutions (CVS) was founded in 2009 by managing director Mick Beavers. Since then the company has experienced rapid growth in the pursuit to become the market leader.

The organisation boasts a team with a wealth of expertise, with over 200 years of combined experience shared amongst the workforce who assist in supplying a comprehensive range of valve-related goods and services in the UK and Europe. Engineering, designing, and building custom valve packages to meet the demands of clients, CVS aim not just to supply customers but offer the complete solution.

The company takes a proactive approach to valve management and upgrade, allowing CVS to make a considerable, positive impact on platform safety and performance.



The F1 Dream represents CVS' ambition of recreating the core components of a successful Formula One team, driving innovation and efficiency coupled with a vast knowledge of valves.

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### HONESTY

To be upfront and honest to suppliers, clients and all members of the CVS team at all times

### INTEGRITY

To honour commitments made and to be reliable with deliveries, tasks and the service provided

### TRANSPARENCY

To give factual information at all times and to share all of the information available at any time

### SAFETY

To create and operate a safe working environment for both employees and customers both on and off site

## H.I.T.S

The company is guided by four core values: Honesty, Integrity, Transparency, and Safety (HITS), which enable the organisation to consistently provide a high level of service to its clients and assist in maintaining a positive working environment.

At CVS, this mantra is an integral element of the company's operations, with employees living and breathing the ideology, creating a strong corporate culture.

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# TIMEFRAME

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### 2009

Operating out of a small single unit in Links Street, only 250m<sup>2</sup> although later acquiring the unit next door doubling the space.



### 2012

Move to facilities in Portlethen which was 10x larger than the previous unit. The move paid dividends, and CVS was awarded a Valve Management contract with a major oil & gas operator as a result.

### 2019

The 2400m<sup>2</sup> compound including a 1700m<sup>2</sup> state of the art workshop supercharged the opportunities and potential growth for CVS, opening up doors to new customers and capacity, which has more recently been advanced further with the addition of a warehouse around the corner.



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## WORKSHOP

### Capabilities

- x5 Test bays
- x1 control, choke, gate, check and globe test facility
- x1 General test facility
- x2 PSV test facilities
- Coatings Facility
- x2 Blast rooms
- Machine Shop
- Fabrication Shop
- Workshop Assembly Area
- Storage (In main workshop)
- Compressors
- Storage Facility

The upgraded test facilities has three high-pressure test modules with each able to test up to 22,500psi hydrostatic and 15,000psi pneumatic, submersible tanks to ensure they carry out safety and accurate tests.

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# WHAT DO CVS OFFER?

CVS provides a comprehensive range of services to all our clients, including valve supply, valve servicing, valve testing & monitoring and valve management.

- Valve Supply: We offer a full package design and manufacturing service, customising all types of valve packages to meet the specifications of our client
- Valve Servicing: We overhaul and repair all types of valves from PSV's, isolation, to control and choke
- Valve Testing & Monitoring: We have an extensive offering when it comes to testing of valves and associated equipment, from high pressure 15000psi pneumatic testing to vacuum testing of pressure relief valves
- Valve Management: Our contracted clients enjoy a full package when it comes to CVS and Valve Management







# VALVE INTEGRITY MANAGEMENT SYSTEM

viMs is a piece of software unique to CVS that is under continuous development. It is a powerful resource for decreasing the likelihood of unplanned shutdowns and lost productivity. It's a fully functional digital valve inventory with client stock data which can be viewed remotely 24 hours a day, seven days a week.



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## VALVE SUPPLY

CVS can source any type of valve for any application, as well as replacements for defective or obsolete equipment. CVS is an independent valve provider with a wealth of knowledge and established ties with leading manufacturers. Supplying clients with a bespoke valve package that is suited to their specific requirements.

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# VALVE SERVICE

To make valve servicing as simple as possible, CVS offers a complete service and repair package for both planned and reactive maintenance needs. Overhaul and repairs are carried out in CVS' state-of-the-art workshop under process conditions to ensure maximum safety and durability. CVS' success is based on their high quality standards, which are reflected in the repairs they perform.

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# VALVE MANAGEMENT

CVS works closely with customers to understand the important components of their flow control systems, conducting a thorough site investigation of each valve to be serviced before putting together a plan that outlines all of the service requirements. By using vims to monitor the performance of valves over periods of time, or by comparing service requirements against cvs' extensive knowledge database, the team can accurately predict when valve or component failures.

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## VALVE TESTING, MONITORING & OPTIMISATION

Maintaining high-performance valves is critical to avoiding failures; this is accomplished by ongoing testing, monitoring, and optimisation. CVS offers a scalable maintenance service which is available both on and off shore, for any size of plant.

Performance tuning can assist in achieving maximum efficiency, which has several advantages not only for the business but also for the environment.

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# MIDAS METER

An advanced method of portable acoustic leakage detection. As the device is a hand-held gun, it removes the need for heavy equipment, probes, cables and tubes of silicone grease which can be a hindrance.

The device works by measuring and recording the decibels (dB) across a valve in a non-intrusive way. Reading the high frequency noise generated when the process media passes through a damaged seal face without picking up any background interference. This provides an easy to use method of quantifying the leakage rate which can help identify any deterioration or indeed improvement in repair scenarios.







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