

**CONTROL VALVE
SOLUTIONS**

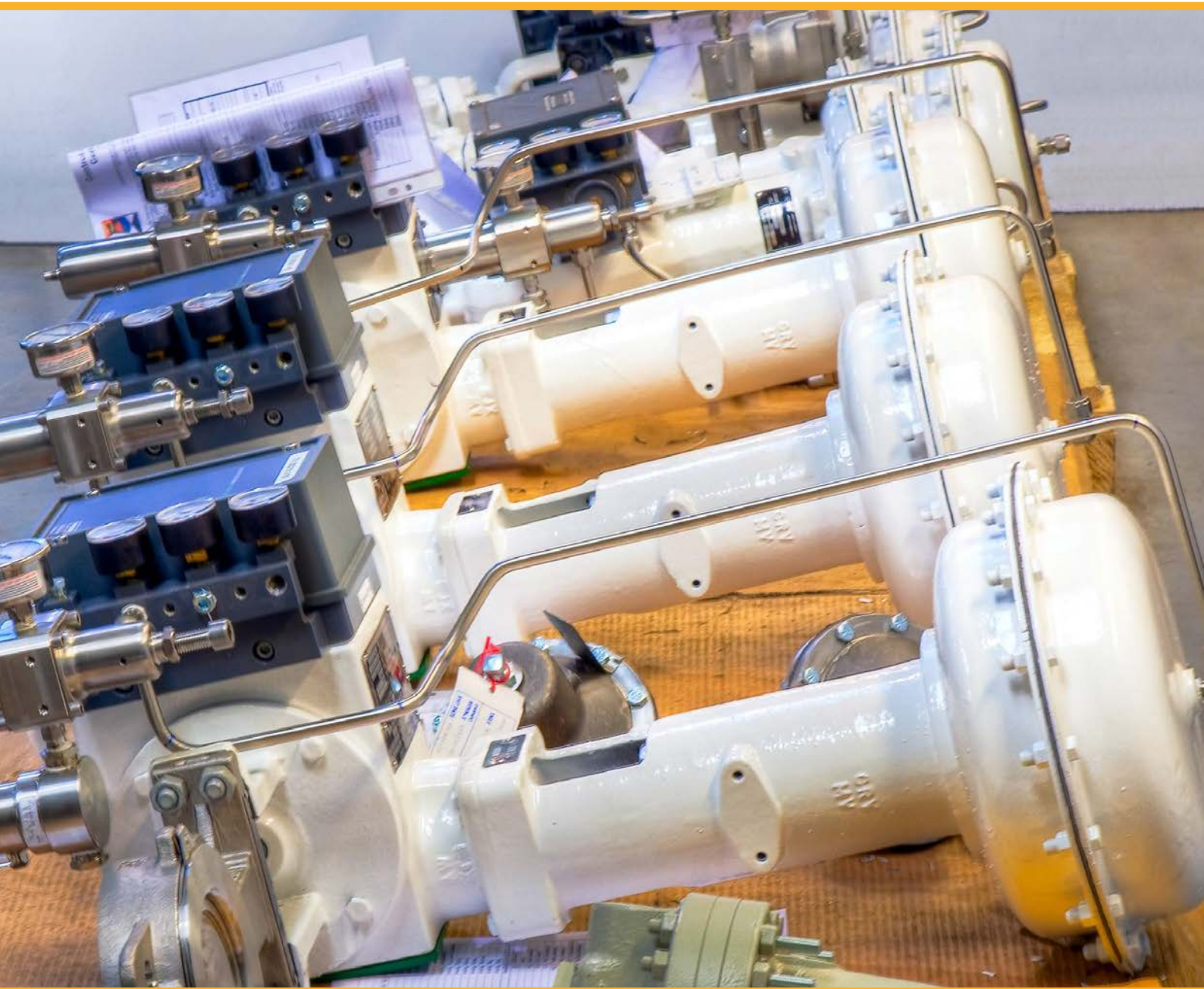


LEADING INDUSTRY SPECIALISTS

Bespoke Valve Supply

Valve Service & Repair

Valve Testing & Performance Monitoring



Incorporating Valve Management with CVS Manager™

With offices in Aberdeen and Liverpool, Control Valve Solutions (CVS) offers tailor made solutions for all control valve and related products specifically for the oil and gas industry in the UK and overseas.

As platform operators demand the highest standards of work CVS has ISO9001:2008, ISO14001 accreditations and FPAL verified status. At CVS the team's mantra is to work to four principals of honesty, integrity, transparency and safety to give clients a bespoke valve within the same lead time as a new valve. CVS also has expertise in planned and preventative maintenance services incorporating valve management and monitoring to improve reliability and performance.



Bespoke Valve Supply

Partnered with leading manufacturers

With over 40 years experience in the specification and design of control valves, CVS has built up a strong relationship with all the leading manufacturers of control valves and associated valve equipment.

As an independent supplier, CVS has access to a broad range of valves including some that may be considered to be obsolete.

Each new valve is meticulously adapted in line with the client's exacting requirements to produce a bespoke valve solution.

Comprehensive tailor made service

Standard valves, actuators and accessories are stripped down and then systematically re-built and painted to the offshore specification demanded by platform operators

All valves are built using extremely thorough procedures in line with ISO9001:2008 accreditation.

CVS' comprehensive service includes the fitting of:

- feedback devices
- solenoid valves
- filtration systems
- air preparation devices
- specific paint finishes

Every valve is then tested under process conditions before installation using CVS' purpose built test rig to ensure optimum performance once the valve has been commissioned.

Bespoke valves - standard delivery times

Service & Repair

Fast workshop response times

A team of engineers can service and repair almost any type of valve assisting clients with all the logistics. This service starts with a 24 hour site response guaranteed to minimise any production downtime.

Whether a client has a planned or unexpected outage CVS has the experience to give clients a fast turnaround. CVS works very closely with clients on providing the required flexibility. Valve overhauls can be done both offshore within a special workshop container or onshore in CVS' purpose built facilities located in Portlethen.

Broad scope of capabilities

CVS' workshop process involves:

- Identifying, tagging, creating a data sheet and logging into CVS Manager™
- Stripping and preparing valves for overhaul
- Assembly to each manufacturer's procedures using OEM parts
- Process simulation and performance testing
- Issuing documentation in line with API and FCI specifications

To speed up repairs, a collection and return service for planned overhauls can also be co-ordinated.

In addition, CVS' engineers can be quickly mobilized as required to install and re-commission valves to comply with platform operators' stringent guidelines.

Guaranteed - 24 hour mobilization

"I would like to thank the CVS' team for all its efforts in respect of a major North Sea platform shutdown, the supply of valves in a timely manner with very short lead times, the refurbishment of critical valves during the outage and CVS' supply of a technician to resolve calibration and commissioning issues at short notice.

I appreciated the CVS' team's can do attitude and helpful suggestions to resolve the problems that have arisen. I look forward to an ongoing relationship with CVS."

John Ellam, Instrument Maintenance Engineer, Fendall Engineering Ltd

Valve Testing & Performance Monitoring

In House Testing

CVS offer comprehensive in-house valve testing and performance monitoring using its purpose built workshop and test facility. The team handle valve sizes up to 12 inches (150lb to 4500lb) with all testing carried out to API and FCI standards. This includes:

- hydrostatic testing
- nitrogen shell testing
- seat leakage test
- packing optimisation
- process condition simulation

Predictive Diagnostics

CVS is passionate about control valve performance monitoring and predictive diagnostics because it recognises what a critical element it plays in the management of process plant and systems today.

With technological advances within the control valve industry CVS is confident about the benefits for clients in predicting failures.

For CVS' clients predictive diagnostics is invaluable as outages for overhauls can be scheduled at the best time to minimise any disruption.

At CVS state of the art technology, supported by Emerson means that the team is able to offer performance diagnostics to predict failure rates for standard applications and severe service control valves.

Groundbreaking – state of the art technology



Valve Management

Full life Valve Management

CVS' team of control valve engineers are dedicated to full life valve management and the process starts with a thorough on-site survey to record critical information. A formal document, including costs and scheduling for any subsequent maintenance work, is then issued for each valve, incorporating:

- a full specification
- location
- current serviceability status
- availability of spares
- recommendations for longevity

Real time CVS Manager™

CVS Manager™ is a bespoke software package that has been specifically developed to add even more value to clients using the complete valve management service.

This fully integrated real time system will allow clients to be in complete control of tracking orders, retrieving valve information like specification, performance data, drawings and test certificates.

In addition, automatic notifications of forthcoming maintenance requirements can be integrated into preventative maintenance programmes.

This level of service puts CVS in a strong position to offer clients a complete valve solution over the short and long term.

Overall, CVS offers clients the smart solution for optimum valve performance.

Unique – complete valve management service



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Working with

