WSG®
Provalve

SPECIALIST VALVE REPAIR SOLUTIONS

Where Quality Meets Innovation

www.wellservices-group.com

PROFILE

WSG Provalve Ltd, are part of the Well Services Group, a leading and well established service provider within the energy industry.

OPERATING a multi discipline valve repair, test and procurement service from our UK headquarters in Normanton, we have built a reputation for meeting the needs of our customers. We offer state of the art testing, machining and ball grinding equipment - aimed at servicing high integrity pipeline valves, in particular ball valves, large bore isolation valves, control valves and safety relief.

INTEGRATED SERVICE

WSG Group offer a unique service to the industry, in that we are able to offer a true 'Blind-to-Blind' valve servicing solution.

The integration of joint integrity, on-site machining, nitrogen purging, valve refurbishment and testing (both valve and pipeline), means that we cannot only save the client time and cost, but also a more streamlined and hassle-free solution to valve maintenance and plant outages.

IN-HOUSE CAPABILITIES

A highly skilled and dynamic workforce

WSG Provalve are in a unique position to offer the majority of services internally, reducing reliance on 3rd party contractors and ensuring greater visibility, reliability, quality and time efficiency.

Not only are our modern workshops state of the art, but our offices are also home to some of the most experienced and knowledgeable staff in the industry.

As a part of the Well Services Group, we are able to provide our customers with full life cycle support to their assets and offer an integrated and managed service. As a result we can support our clients with a broad range of expertise.

Our highly skilled and dynamic workforce, combined with our many years of industry experience, provides our customers value combined with the highest standards.

QUALITY ASSURANCE

- ISO 9001
- API Q2
- FPAL
- ACHILLES
- UVDB
- AVETTA
- CONCOM
- ARIBA

ENGINEERING

Our own in-house engineering team are always on hand to provide the necessary expertise for all Non Routine Operations.

We routinely ensure compliance with relevant standards and work with nominated bodies for 3rd party design approval. This includes multi-discipline engineering & detailed design, valve sizing & application, upgrading components, GA drawings and parts lists, bespoke manufacturing, material specifications, ITP & inspection and testing.

SAFETY & INTEGRITY

Through our dedication to working safely and with our vast experience of working in the hydrocarbons industry; we endeavour to reduce all risks associated with unplanned outages.

We also believe that enhanced forward planning of scheduled outages will produce a most efficient, technically competent result; thereby allowing the time necessary to ensure all safety measures are fully engaged in by all involved.

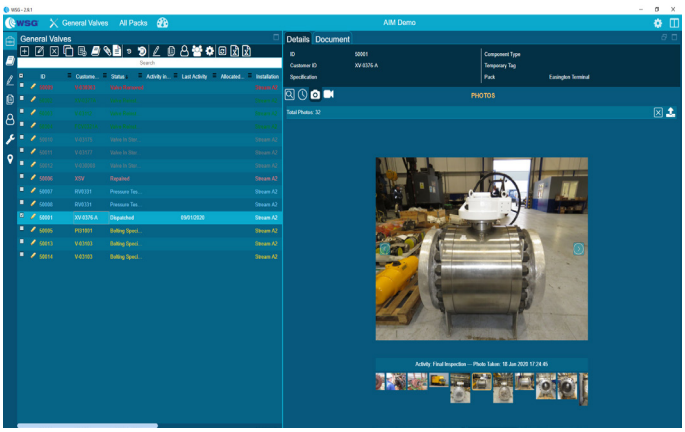
The quality of our workmanship with our proven testing and Inspection procedures will ensure maximum reliability and safety of all plant.

PREVENTATIVE MAINTENANCE

Intelligent maintenance planning for customers

To improve integrity, plant safety and to prolong the life cycle of equipment, WSG Provalve will assist the client in producing an intelligent maintenance plan for all manual and actuated valves. The aim of this plan is to layer valves into levels of criticality and to assess possible impact on plant safety and production. A successful routine will see no unplanned downtime due to valve failure and will not involve excessive maintenance and unnecessary cost.

We work with the client to identify opportunities for maintenance, valve lubrication, gearbox and actuator overhaul, leak detection as well as function testing of ESDV's and other safety critical valves.



- VALVE DATABASE
- SERVICE HISTORY
- FAILURE ANALYSIS
- PREDICTIVE
- TAILORED TO CLIENT
- COMMUNICATES WITH MAXIMO
- COMMUNICATES WITH SAP
- FLANGE MANAGEMENT
- LINKED TO P&IDS

ASSET INTEGRITY MANAGEMENT (AIM)

Access to real time data - View, Log & Track your assets lifecycle.

Implementation of AIM enables us to offer clients the unique ability to view, log, and track all relevant data attributed to any activity or operation of the valve repair life cycle.

AIM enables WSG and their customers access to real time data which aids transparency and communication. Our ambition is to prevent delays and downtime during outages.

QR coding speeds up reference times and eliminates input errors.

Each valve, actuator, gearbox or control system that either comes to us or is serviced on-site is logged into AIM and given a unique ID number. WSG apply a unique identity tag containing a QR code which can be scanned by WSG Valve Technicians to immediately display specifications, history, status and inspection frequency. The ID associated with the valve's unique number can easily be renewed or replaced if it becomes detached or damaged.

WSG Provalve can survey, store details and log each valve still in situ giving the added bonus of capturing several orientation shots of the equipment for future reference.

SERVICE SUMMARY

TESTING

- Hydrostatic & Nitrogen
- Submerge & Cryogenic
- FAT & SAT
- Helium Traced
- API Standards

ON-SITE

- In-Situ Repairs -Seat Lapping, Leak Detection
- Flushing, Sealing & Lubricating
- Installation, Commissioning, Calibration Training
- Instrumentation, Teams & Surveys
- Onshore, Offshore & Overseas

SUPPLY

- Control, Ball, Butterfly, Gate, Check, Relief
- Actuator, Gearbox, Manual Override
- Instrumentation & Switch Box
- Spare Parts

UPGRADES

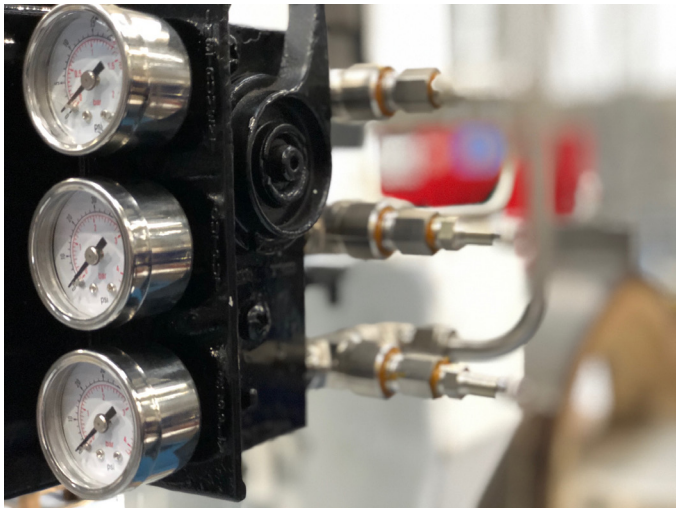
- Trim Design Review
- Parts Manufacture & Seat Conversions
- Flange Conversions & Weld Overlay
- Instrumentation Upgrades & Re-Piping
- Seal Changes & Packing Upgrades

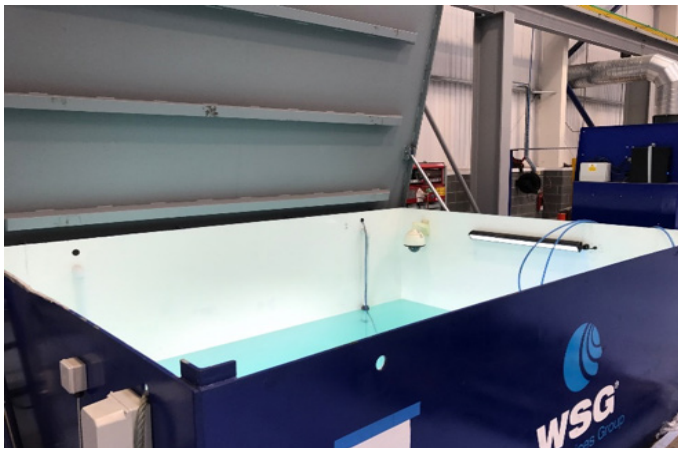
INDUSTRY

- Oil & Gas – Up, Mid & Downstream
- Power Generation, Gas Storage & Petrochemical
- Waste-to-Energy, Biomass, LNG, Food & Beverage
- Nuclear & Geothermal
- Refining, Steam & Boilers

VALVES

- Control – Globe , Angle, Axial, Butterfly & Ball
- Isolation – Ball, Gate, Globe, Check, Butterfly & Plug
- Safety – Pressure, Temperature, Pilot, Thermal, & Relief
- Parallel Slide & Dual Plate
- Anti-Surge & Compressor Recycle





WORKSHOP

- 35,000ft2 purpose-built workshop
- CNC & Manual Machines
- Dedicated Paint Booths
- Ball Grinding up to 46”

WSG®
Provalve

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