



Valve Modification, Repair and Overhaul

Keeping Your Valves Performing at Their Best

Every valve has a service life, but replacing equipment isn't always the most cost-effective solution. At Tyne Valves, we provide comprehensive valve modification, repair and overhaul services that restore performance, extend operational life and help minimise costly downtime.



Valve Inspection



Repair &
Refurbishment



Component
Replacement



Valve
Modification



Pressure Testing



Documentation &
Certification

Our experienced engineers assess every valve individually, ensuring repairs and upgrades are completed to the highest quality standards while meeting current operational and industry requirements.

Our Repair & Overhaul Process



Inspection

Visual inspection and condition assessment.



Strip & Assess

Complete disassembly and detailed inspection of all components.



Report

Identify wear, damage and recommended repairs.



Repair/Modify

Replacement of components, machining or valve modifications



Testing

Pressure testing and functional testing to applicable standards.



Certification & Return

Documentation, certification and return ready for service.



Our Capabilities



Repair Services

- Seat replacement
- Seal replacement
- Stem repairs
- Actuator refurbishment
- Internal component replacement
- Leak repairs
- Pressure testing to industry standards

Modification Services

- Automation upgrades
- Material upgrades
- Trim changes
- Locking devices
- Position indication
- Fire-safe upgrades
- Customer-specific modifications

On-site Consultation

Our on-site consultation service provides practical technical support at your facility. We assess existing valve assets, identify requirements and provide recommendations for projects, maintenance, repair, modification or replacement.

ASSET MATE

Your Assets. Digitally Managed.

Asset Mate provides a centralised way to capture and manage asset information, helping customers build a clearer picture of the equipment installed across their site.



CAPTURE

Record valve information directly on site.



ORGANISE

Create a structured digital record of your valve assets.



MANAGE

Use accurate asset information to support maintenance, replacement and future project decisions.



Why Repair Instead of Replace

Reduce Downtime

Fast turnaround to minimise operational disruption.

Lower Costs

Repairing existing assets is often significantly more economical than replacement.

Extend Asset Life

Restore valves to reliable working condition.

Improve Performance

Upgrade components to meet changing operating conditions.

Quality Assurance

Repairs carried out to recognised industry standards.

Full Documentation

Inspection reports, testing records and certification provided.

Helping customers maximise the value and reliability of their valve assets through expert engineering and refurbishment services.



Let's Discuss Your Next Project



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Tees Valves Limited

'Customer satisfaction through service excellence, technical expertise and reliability of supplies to the process industry.'