

# Independent Control Valve Specialists

Score (Europe) Limited has a collective experience in excess of 150 years in the Control Valve Industry. From front end engineering through to commissioning and full life cycle operation, bringing increased efficiency thus maximising investment while reducing running costs. This knowledge provides you with the confidence and assurance that your requirements can be exceeded. With a dedicated team of CV Specialists, service and technical support is on hand 24/7 with no situation or circumstance too challenging.

## **Control Valve Technical Support**

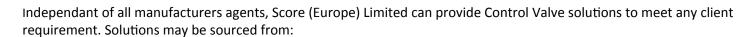
Our services are enhanced by a team of technical control valve engineers who provide application reviews, troubleshooting and failure analysis support. Their vast experience is strengthened with the use of expert software (Conval™) allowing detailed analysis of control valve problem areas such as cavitation, flashing, noise levels, energy dissipation and vibration and erosion potential. The capability to design and manufacture trim components and a broad product knowledge all contribute to Score's ability to provide a high level of Control Valve Service.



Support can be provided through:

- Application Studies
- Troubleshooting
- Failure Analysis
- Performance Upgrades
- Sizing Calculations

#### **Sales**



Score's own extensive Control Valve stock, where:

- Client requirements are assessed by our Control Valve Engineers
- Stock valves are selected ensuring fitness for purpose, including an ability to modify stock to suit client needs
- Fast and efficient service and support ensured

#### New Valve Supply:

- Valve solutions sourced from approved manufacturers
- Bids independently assessed by our Engineering Team



## Independent Control Valve Specialists

## **Diagnostics**

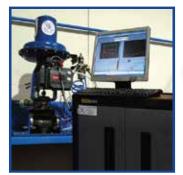
The V-Scan Diagnostic Analyser, developed by Score Group plc, is a system that allows for complete independent testing of any air operated control valve irrespective of the manufacturer.

It is a tool for fault finding within critical control valves and shutdown planning.

- Reduces downtime
- No need to reduce valves from line
- Significant time and cost savings can be achieved
- Implementation of maintenance strategy/benchmarking of control valves
- Carry out in line advanced diagnostics of any Fisher Fieldvue product
- Intrinsically safe and supports all Hart and Foundation Fieldbus devices

Diagnostic Surveys have shown on average...

- Only 11% required removal from the line
- 46% had calibration problems
- 13% of valves did not open fully
- 28% of valves had packing leakage or high friction
- 14% of I/P units were defective or out of calibration
- 23% of valves had low seat load causing poor shut-off





## Overhaul, Repairs, Testing and Modification

Score's specialised Control Valve engineering teams have knowledge of all control valve types and can offer repair services with 24/7 availability and urgent turnaround on demand. Using the Score V-Scan condition monitoring equipment we are able to diagnose many problems without dismantling valves and thus minimising downtime. Overhauled and repaired valves are performance tested to industry and client procedures in our comprehensive hydrostatic and gas testing facilities.

- Totally independent of any control valve manufacturer
- Approved by Fisher and other leading control valve manufacturers
- Large stock of control valve spares
- Dedicated state of the art workshops
- Always on-call service available





"We are your Total Control Valve Specialists"

- Custumer Confidence
   24/7 Availability
- IndependenceExt
- Extensive Skill Set
  - Complete Industry Knowledge

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Score (Europe) Limited
Intelligent Valve Management™

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