

Score engineers and field technicians can also carry out diagnostics analysis on control valves, verifying valve function and performance in order to implement condition based maintenance strategies.

Score's Engineering and Design teams have an unrivalled ability to explain the reasons behind valve failure and to advise how to make the correct decisions in future valve and actuator selection.

With the correct advice and knowledge you can become proactive in the management of valve populations and eliminate the potential for valve failure.



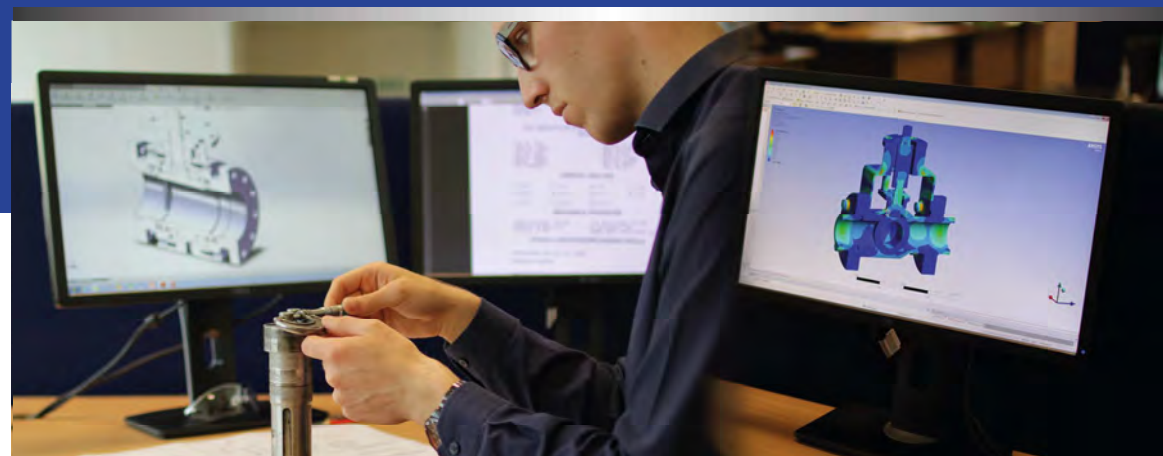
Score **A/S**

Intelligent Valve Management™

www.score.as

Score Group Capabilities

Score (Europe) Limited is part of the Score Group of companies. Founded in Peterhead in the North East of Scotland in 1982 to provide valve repair and supply services to the UK oil and gas industry; today Score Group Limited hosts a global network of facilities in over thirty countries, providing engineering services across five continents within a range of sectors including oil & gas, nuclear and marine.



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Engineering Design Consultancy

Engineering Capabilities

Score provides comprehensive valve engineering and design consultancy services (EDC)

Control Valves and Safety Valves

Score's Engineering and Design teams have an unrivalled ability.

Score AS, a part of Score (Europe) Limited, is the leading single source provider for valve services in the European market. Founded in 1993, the company has over 25 years of experience in the supply, repair, modification and testing of valves and actuators for the global oil and gas industries.

Today the company operates a global network of facilities, boasting the largest stock of valves in the world and providing their unique range of Total Valve Management services to oil and gas customers worldwide.

As part of the Total Valve Management package Score provides comprehensive valve engineering and design consultancy services (EDC).



The EDC's Control Valve and Pressure Safety Valve engineers offer application reviews, troubleshooting and failure analysis support. Their vast experience is enhanced with the use of OEM sizing software and independent software (CONVAL™) allowing detailed analysis and prediction of control valve problems such as cavitation, flashing, erosion, noise levels, energy dissipation and vibration potential.

Our engineers can offer bespoke design solutions, including the design and manufacture of replacement control valve trims, where OEMs are unable to deliver a timely, or effective solution.

Score Europe's Engineering and Design engineers combine a wealth of experience in a range of disciplines:

Score EDC

ENGINEERING DISCIPLINES

- Design Engineers
- Structural Analysts FEA / CFD
- Metallurgists
- Valve, Actuation and Controls Specialists
- Welding Engineers
- NDE Engineers
- Control Valve Engineers
- Diagnostics Engineers
- Valve Strategy
- PSV Benchmarking
- Maintenance Routines
- Sparing Philosophy

INSPECTION/ INSPECTING/ EXPEDITING

- Supplier audit
- Kick-off and PIM attendance
- Field expediting
- Manufacturing criticalities identification
- Witness test and inspection

DOCUMENT REVIEW/ MANAGEMENT

- Supplier documentation review
- Certification and MRB review
- Documentation handling

TECHNICAL CONSULTANCY

- Project FEED Support
- Design Life Assessment
- Design Life Extension
- Specification Narratives
- Valve Data Sheets
- Materials Data Sheets and PED PMAs
- Root Cause Analysis and Failure Investigations
- Metallurgical Consultancy
- Technical Bid Evaluations
- Feasibility Studies
- Design and Analysis
- Safety Integrity Level Assessment (SILs)
- De-commissioning Studies

