



Score (*Europe*) Limited

Intelligent Valve Management™

www.score-europe.com

DESIGN, FEA, CFD

ISOLATION VALVES

CONTROL VALVES

ENGINEERING CONSULTANCY

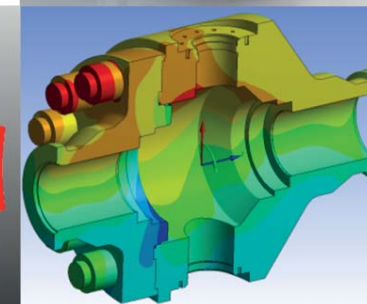
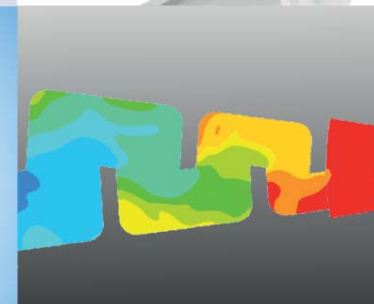
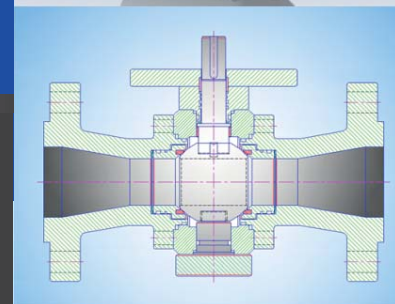
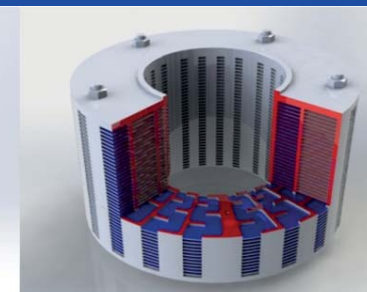
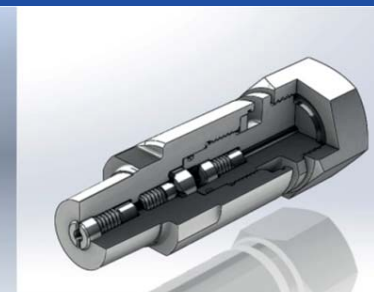
PRESSURE SAFETY VALVES

WELDING

METALLURGY

INTELLECTUAL PROPERTY

For further information on our product and service capabilities, please visit our website at www.score-group.com



Score EDC Offices:

Score (Europe) Limited
Glenugie Engineering Works
Peterhead
Aberdeenshire
AB42 0YX
Scotland
United Kingdom

Score (Europe) Limited
Sherwood House
Armytage Road
Brighouse, West Yorkshire
HD6 1QF
England
United Kingdom

Score (Europe) Limited
Via Isonzo 5
Turate
22078 Province of Como
Italy

Tel: + 44 (0) 1779 480 000

Tel: + 44 (0) 1484 712 222

Tel: +39 02964 88523

SCORE 
Engineering Consultants

ENGINEERING CONSULTANCY

Score's Engineering Consultants provide clients with independent support at every stage of the project, from front end engineering design through to commissioning and operation. Score's Engineering Consultants utilise industry best practice and unique empirical data from continuous operational feedback to assist with selection, design, failure analysis and product enhancement.

This, coupled with involvement in international bodies and leadership in industry initiatives, makes Score's engineering team the only resource of its kind, tailored to solve valve and actuator related problems.

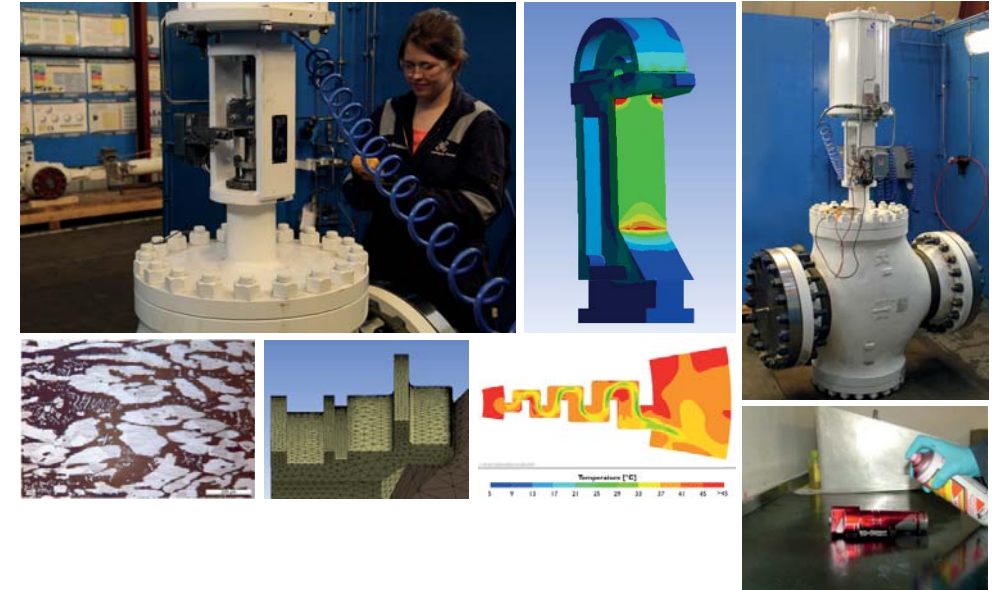
SPECIALIST SERVICES

- » Engineering calculations in accordance with international governed standards
- » Mathematical modelling
- » Valve datasheets and narratives
- » Acoustic emission leak detection
- » Metallurgical analysis
- » Feasibility studies
- » PSV and control valve sizing
- » Expediting and witness testing
- » Technical support
- » Investigation and failure reports
- » Product enhancement
- » Detailed product design reviews
- » Technical bid evaluations
- » Welding specifications and procedures
- » Non destructive examination

DESIGN, FEA, CFD

Score's Engineering Consultants use leading-edge 3D parametric Computer-Aided Design (CAD) packages to produce extremely accurate models of parts and assemblies in the virtual environment. Coupled with this is our state of the art Finite Element Analysis (FEA) suite in which any 3D model parts and assemblies from CAD can be analysed.

With the Computational Fluid Dynamics (CFD) facility, complex solid and fluid coupling problems can now be simulated and solved.



CFD

- » Cavitation analysis
- » Erosion analysis
- » Flow analysis
- » Turbine simulation
- » Thermofluid simulation

FEA

- » Static, Dynamic & Shock Analysis
- » Linear & Non-Linear Analysis
- » ASME VIII – Elastic & Elastic Plastic
- » Thermal Analysis
- » Fatigue Analysis

