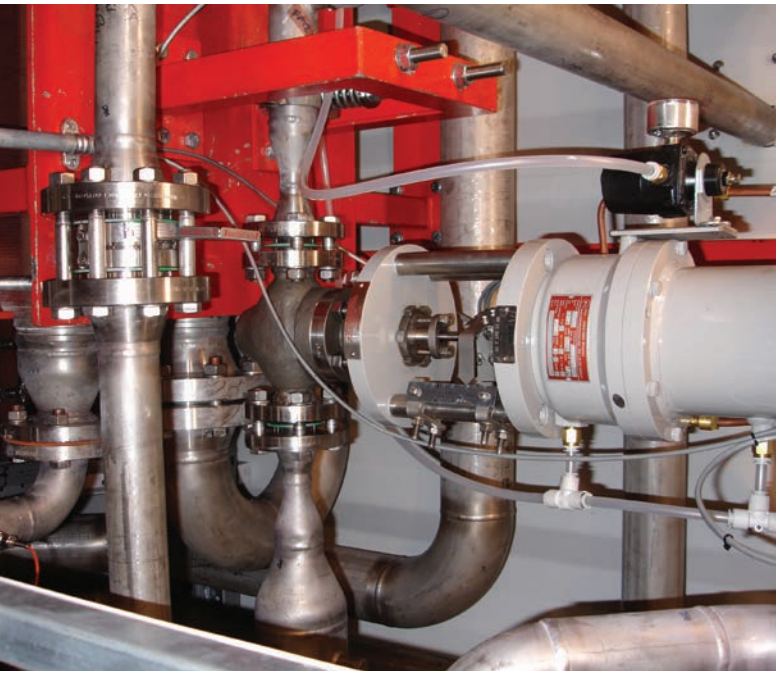
SPECIALIST ENGINEERING & FABRICATION

RSE
ROSS-SHIRE ENGINEERING

ROSS-SHIRE ENGINEERING OFFER A RANGE OF WELL EQUIPPED FABRICATION WORKSHOPS AND SKILLED TRADESMEN DELIVERING FULL CROSS-SECTOR ENGINEERING AND FABRICATION SUPPORT.



From full 3 dimensional design and build projects, including stress analysis, batched production or simply one-off items, the business is responsive to customers' requirements. Whether for the Hydropower or Industrial Sector, against tight deadlines in the Oil and Gas Sector, or modular build solutions for Utility Markets we offer first class workmanship and a keen focus upon delivery.

Our specialisation and established skill sets in mechanical and electrical disciplines place us particularly well to engineer and build R & D Projects. Delivery includes full HSEQ compliance and materials traceability.

PRECISION ENGINEERING, REFURBISHMENT PROJECTS, NEW BUILD, BATCH FABRICATION, FACILITIES INCLUDE:

- 3D Design
- Carbon Steel Workshop
- Stainless Workshop
- Paint & Shotblast Enclosure
- Cranage and Lifting
- CNC / Machine Shop
- Electrical and Instrumentation Workshop
- Hydraulics
- Project & Assembly Workshops
- Laydown Areas

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OUR MACHINING AND FABRICATION SERVICES ARE DELIVERED TO A RANGE OF BLUE CHIP CLIENTS, OFTEN DRIVING DIFFERENT APPROACHES, WELDER CODINGS OR GOVERNANCE DEPENDENT UPON THE REGULATORY FRAMEWORKS WITHIN WHICH OUR CLIENTS OPERATE.

Pertinent to the Utilities sector we have full Achilles UVDB accreditation, for Oil and Gas we have FPAL advance Verify status and for the Water Sector products and services are WIMES compliant where this is a requirement.

FABRICATION FACILITIES INCLUDE:

- Plasma Cutting
- Profiling
- MIG / TIG And Specialist Weld Codings
- Guillotine, Folding, Rolling
- Pressbrake
- Radial Drilling
- Vertical Boring
- CNC Machining
- Instrumentation Panel Fabrication
- Hydraulics
- Modular Build
- Mechanical and Electrical Overhaul
- Commissioning Engineering Support

TESTING:

- Non Destructive Testing
- X-Ray Testing
- Ultrasonic Testing
- Hydropower Testing
  Penstocks - Valves – Bearings – Oil Systems – Efficiency Test
- Pneumatic Testing
- Flow And Pressure Testing
- Load Tests and Stress Analysis
- Fat Tests / Pre commissioning

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