

Robotic waste
retrieval system.



CLIENT ENDORSEMENTS

Our combined technical, manufacturing and quality assurance capabilities make us a partner of choice for multiple nuclear-based clients.



"We have collaborated with Qualter Hall on numerous projects and consider them to be a reliable strategic partner whom we trust and value for their expertise, experience, and high-quality workmanship."

Mick Gornall, Managing Director at Cavendish Nuclear



"Qualter Hall have successfully delivered uniquely complex and bespoke engineered products for us. They have proven themselves to be flexible and fast to respond to an evolving project scope, and facilitated detailed changes at planning and production stages to deliver a quality product which meets the specified design criteria. They demonstrate an unfailing commitment to rigorous quality and safety compliance regulations and have supported substantial scrutiny of productivity and effectiveness throughout a significantly demanding programme of works."

Joe Hodgkinson, Head of Procurement at Ansaldo Nuclear Limited



Qualter Hall & Co. Limited, PO Box 8, Johnson Street, Barnsley, South Yorkshire S75 2BY
Telephone: +44(0)1226 205 761 Email: sales@qualterhall.co.uk



Nuclear new build and decommissioning



Shield door manufacture and FAT at Qualter Hall.



'Sky Shield' concrete box loading system.



Nuclear charge machine.

Over 10,000 square metres of indoor production facility equipped to deliver a true turnkey capability.



Through wall drive.

Guaranteeing innovative solutions and exceptional outcomes every time

If steel is the answer, we have the expertise and tools to tackle any challenge.

With a team that is not only highly skilled but also extensively qualified and experienced in design, manufacturing and assembly techniques, we are equipped to handle the complexities of any project.

Our design and consultancy team works with skilled engineers, production and control personnel including coded welders, fabricators, CNC machinists and mechanical fitters; as well as preparation and surface treatment/coatings staff. They are equipped with over 10,000 square metres of indoor production facility comprising machinery, tooling and isolated 'clean' assembly workshops to deliver a true turnkey capability.



OUR TURNKEY SERVICE

Concept design support:

In-house integrated mechanical, hydraulic, electrical and controls teams work with project stakeholders to create and develop solutions which address complex challenges.

Multi-disciplinary build and test:

Taking a mature concept or basic design through to detailed design for multi-disciplinary manufacturing and assembly. Purpose-built space to perform comprehensive proof-of-concept and factory acceptance testing to mitigate onsite risk.

Design for manufacture:

Optimised designs to reduce manufacturing risk and maintain the highest integrity levels.

On-site commissioning:

Specialist coordination of on-site commissioning and System Acceptance Tests.

Previous nuclear project experience includes:

- **Waste transfer and handling equipment (including robotics with integrated control systems)**
- **Automated shield and maintenance doors**
- **Rail mounted bogies and trolleys**
- **Winch and conveyor systems**
- **Waste storage boxes (including in stainless steel)**
- **Submarine components**
- **Plate forming and bending machines**
- **Manufacture of specialist components**



Shield door in fabrication at Qualter Hall.

Extensive factory testing facilities:

We can facilitate comprehensive FAT testing to prove prototypes, fully manufactured systems and robotic equipment prior to dispatch.



Specialist in shipyard presses, benders, rolls and edgemills.