



QUALTER HALL

INTEGRATED ENGINEERING SOLUTIONS



Qualter Hall & Co. Ltd is renowned for having provided excellence in integrated engineering solutions for over 160 years. Our specialist, multi-disciplined team offers Mechanical, Electrical, Instrumentation, Control and Automation (MEICA) services to support the project lifecycle from initial concept to final commercial operation and aftermarket service.



OUR TURNKEY SERVICE

Early contract services including

- Asset inspection
- Obsolescence and investigation reports
- Feasibility studies
- Presentation of project options
- Cost estimate, detailed budget preparation and support with funding justification and applications
- Scope of works and specification development

Design consultancy, detailed design services and risk assessment

Our experienced in-house team manages all mechanical and structural elements including control systems, hydraulics, hoists and winching, drive systems and locking mechanisms.

We provide Front End Engineering Design studies (FEED), working with you on refining existing designs or collaborating on completely new concept development to finalise detailed drawings for your project.



**Extensive
factory testing
facilities**

Materials procurement

Our team manages the sourcing of every component required for your project, including control desks, hydraulic cylinders, pumps, traffic control, gates, signage and more. We work hard to maintain a robust and compliant supply chain, ensuring that procured materials meet high quality standards.

Manufacturing capabilities

Our design and project management expertise is supported by over 10,000 square metres of production facility.

- Materials preparation
- Machining – including metal forming, plate bending and profiling, and automated saw, cut and drill line
- Fabrication and welding
- Shotblasting and spray bake painting
- Electrical, software and control systems
- Assembly and factory acceptance testing (FAT)

Testing, installation and commissioning

Factory and site acceptance testing, installation, client sign-off and training of client-side operations personnel by our commissioning engineers.

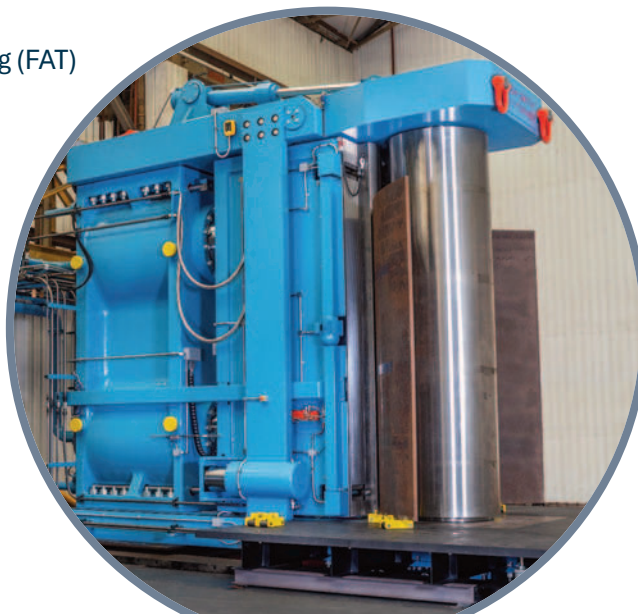
Lifetime operational support and maintenance

We understand the importance of asset availability for operators and owners. Our focus on planned and scheduled inspections and routine maintenance assures reliability whilst prolonging asset life expectancy.



**HUGH
SMITH**
Part of Qualter Hall

**Specialist in
shipyard presses, benders,
rolls and edgemills.**



Telephone: 44(0)1226 205 761



OUR SECTORS

- **Water infrastructure**
- **Flood defence and control**
- **Shipyard, port and harbour facilities**
- **Mining and hoisting**
- **Bridges and transport**
- **Nuclear new build and decommissioning**



TEAM2100 Integrated Delivery Partner

- **Lead M&E contractor**
- **Working on 8 River Thames flood defence barriers**

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

Our proven ability to solve highly complex and unique challenges stems from the composition of our workforce and extensive production facilities.

With a team that is not only highly skilled but also abundantly qualified and experienced in design, manufacturing and assembly techniques, we are equipped to handle the complexities of any project. We guarantee innovative solutions and exceptional outcomes every time.

Our design and consultancy team works with skilled apprentice-trained engineers including coded welders, fabricators, CNC machinists, mechanical and hydraulic fitters; as well as preparation and painting staff. They are equipped with over 10,000 square metres of production facility comprising machinery and tooling to deliver a true turnkey capability.





Environment
Agency

“The Environment Agency have just completed the £10M refurbishment of the Hull Tidal Surge Barrier. Qualter Hall were instrumental in making this exceedingly complex project a success.

Qualter Hall delivered in an extremely professional manner during the design, fabrication, testing and construction phases. They understood the importance of strong commercial control with good health and safety performance. There was a good appreciation of the client’s needs, a refreshing ownership of issues and a willingness to work with the integrated team to deliver a top class job, often in challenging circumstances. They certainly engendered the partnering ethos required to complete this project on time and within budget.”

Projects Team Manager
Environment Agency

OUR QUALITY PROMISE

Our objective is to be recognised nationally and internationally for providing products of renowned quality, safety and reliability.

We openly communicate with all our stakeholders, fostering excellent working partnerships with the aim of meeting and exceeding our clients' demands for quality, safety, performance and cost at every level.

“We congratulate Qualter Hall & Co. Limited for winning a prestigious RoSPA Award and showing an unwavering commitment to keeping employees, clients and customers safe from accidental harm and injury.”

RoSPA’s Achievements Director



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