



CAPABILITY STATEMENT

AQUILA OFFERS A DYNAMIC AND REFRESHING APPROACH TO DELIVERING NUCLEAR ENGINEERING PROJECTS.



This approach and culture offers our nuclear clients unparalleled access to highly experienced engineers and project managers, who have “been there and done it”.

One of our missions is to get our clients to think of the Aquila team as their first choice, every time, to work with them to deliver a project.

We work in a number of key product categories within the nuclear industry.

- **CONTAINMENT & GLOVEBOX TECHNOLOGY**

Including solutions for in-box process equipment, active ventilation, posting and viewing systems.

- **REMOTE HANDLING**

Including solutions using special grabs, remote bogies, special in-cell process equipment, MSM's and tongs.

- **SHIELDED SYSTEMS**

Including hot cells in concrete, steel or lead, local shielding in Premac® or Jabrock, Lead glass windows, posting systems and in many cases, internal containment systems and in-cell process equipment.

- **TRANSPORT & PACKAGING**

Including flasks, containers, kegs, drums, handling systems and complete import/export transport solutions.





We carry out the following activities either as discrete work packages, or, if the project is full turnkey, all areas are executed under one contract.

- Project management
- Concept design
- Feasibility studies and cost option analysis
- Engineering substantiation, together with technical critique and recommendations
- Design and prototype development for proof of principal
- Full engineering analysis and calculations, including seismic, heat transfer, fluid flow, radiological shielding and stress
- Detail drawing with full bill of material for procurement
- Procurement and management of manufacture
- Goods in, Kitting and full Factory Assembly
- Factory Assembly and Testing (FAT)
- Delivery of plant with LTQR
- Installation and Site Acceptance Testing (SAT)
- After sales support

PROJECT AND CONTRACT CONTROL

We have been in the industry for many years and during that time, have developed a seamless process. It starts

from the initial ITT and progresses through into contract award and contract management. Our systems are open book to our clients “always” and our project audits from clients have been applauded for their simplicity, transparency and accuracy.

We are very familiar with the use of the NEC3 suite of contracts which the Office of Government Commerce recommends for public construction procurers.

Our management, environmental and safety systems are lean, simple and current. They work effectively for us, our clients and our supply chain.

Aquila is approved by Lloyds Register LRQA for the scope:-

Project management, engineering design and consultancy, assembly, testing and commissioning of containment systems, remote handling equipment, shielded facilities & transport containers and electrical plant and control systems for the nuclear industry.

- ISO 9001 :2008 Quality Management System
- ISO 14001:2004
- OHSAS 18001:2007
- SSIP (safety schemes in procurement)

FIND OUT MORE

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