



Aquila Nuclear Engineering Ltd

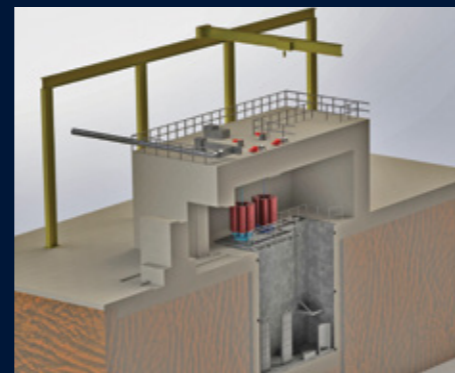
Fresh thinking, safe hands

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The nuclear and healthcare industries in Europe face massive engineering challenges. From radiopharmaceuticals and power generation to decommissioning, safety is paramount, but so too is innovation. Throughout Europe, there is a growing need for industry expertise and fresh thinking, not only to meet the challenges of today but to shape the future of nuclear engineering.

Aquila Nuclear Engineering provides the missing link. Aquila offers a dynamic and refreshing approach to solving mission critical nuclear engineering challenges. This approach gives nuclear and healthcare organisations unparalleled access to world class engineers, state of the art technology and senior project managers with an outstanding track record of achievement.

Aquila brings together engineers from across Europe with proven expertise in the delivery of major projects for companies such as GEHC, Babcock International, NHS, Jacobs, AWE, Institute of Cancer Research, Imperial College London and CEA France.



Aquila is part of the Calder Group, a £165m pan-European engineering and manufacturing group with ten operating subsidiaries in five countries. Calder operates in the nuclear, nuclear medicines, defence, oil & gas, aerospace and construction markets.



Aquila Capabilities

Combining experience and innovation we provide our clients with a soft landing on every project by following a structured execution plan.

We can get involved at any or all stages of the project.

Preparation & Concept Design

We help our clients prepare project objectives and if necessary review the business case and the sustainability aspirations. The outcome of these phases would be an initial project brief and concept design and if feasible lead onto a final project brief.

Developed & Technical Design

Taking the concept design to the next phase may include safety case and risk assessment to support the developed design.

Specialist Design

This is where Aquila would get to grip with the specialist processes and equipment necessary to achieve the clients project objectives. Procurement stage developed from previous stages would be reviewed and validated.

Construction, Use & Aftercare

Detail drawing and manufacture follow with amends and works testing followed by installation 'Commission'. The soft landing implemented.

At Aquila we undertake these activities with existing or newly planned facilities in the areas of:

- **Containment-** gloveboxes, in box process equipment, active ventilation, posting systems
- **Remote Handling-** MSM's, tongs, grabs, special lifting equipment, bogies & rails
- **Shielded Systems-** concrete, steel, lead, lead glass windows, posting systems
- **Transport & Packaging-** flasks, containers, kegs, drums, handling systems



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