

Graham Engineering Ltd  
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## Introduction

As an innovative advanced manufacturing business partner, Graham Engineering Limited (GEL) deliver high integrity manufacturing solutions to a wide variety of market sectors including: Nuclear; Aerospace; and Low Carbon Energy. GEL specialise in producing 'nuclear product' and 'hazardous waste' containers for the Nuclear Industry. GEL's main achievement lays with the Sellafield Ltd High Integrity Stainless Steel Contract (HISSC) a 4+ year framework agreement. This includes WVP Flasks, MBGW Boxes, 500L ILW drums, UO3 drums, and TPFL packages. GEL also manufactures HFC boxes and store furniture (i.e. stillage's and MBGW stools). Most 3m3 ILW Boxes have been developed at GEL along with all the 500L ILW drums. The HLW WVP Flasks have been a single source supply from GEL for over 25 years.

## Capabilities

As an innovative advanced manufacturing business partner, Graham Engineering Limited (GEL) deliver high integrity manufacturing solutions to a wide variety of market sectors including: Nuclear; Aerospace; and Low Carbon Energy. GEL specialise in producing 'nuclear product' and 'hazardous waste' containers for the Nuclear Industry. GEL's main achievement lays with the Sellafield Ltd High Integrity Stainless Steel Contract (HISSC) 4+ year framework agreement. Utilising our expertise and capability we have worked with Rolls-Royce to develop the techniques that GEL currently use to manufacture vital component parts for the 'Wide Chord Fan Blade'. GEL work closely with Kidde Graviner to meet the requirements for fire suppression systems for MOD Combat Aircraft and Land Warfare vehicles. Our own range of pressure vessels for heat storage systems, support the Low Carbon Energy sector.

The strategic aim for GEL is to build upon the reputation of past successes and utilise the high knowledge and skill base in order to support the customer needs. The best results are achieved when GEL are involved with projects from day one on both R&D and T&D. The expertise and capability of our personnel, the technical equipment, and the long term investment of both people and finance, support the development of the right techniques, and appropriate automation for the task. 'Our Quality is our Customers Safety' achieved through strict process control systems, material traceability and SQEP'd personnel. This approach is aligned to the company vision for growth and building manufacturing capability here at GEL.

In summary, GEL provides a multitude of engineering processes and skills: from comprehensive testing; 5 axis machining; laser profiling involving multi axis welding robotics; large deep drawn pressing; forming; fabricating through a variety of welding processes; surface treatments (Vaqua blasting), polishing facility; CMM inspection; and final assembly. Supporting these activities are non-destructive testing services utilising x-ray or dye-penetrant, and the ability to permanently identify the product using YAG laser engraving technology.

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