



JOB VACANCY

WELDING TECHNICIAN – ALUMINIUM STRUCTURES

(Job Reference No: GMD0562)

Gordon Murray Design is a world-leading automotive design company, we have gained a global reputation as a pioneer of lightweight and efficient vehicles, taking a highly innovative approach to all aspects of vehicle design, development and production. We currently have an exciting opportunity for a Welding Technician – Aluminium Structures to join our Design, Development and Engineering Centre based in Shalford, Surrey.

Responsibilities:

Reporting to the Chief Engineer – Manufacturing, the primary responsibility of this role is to ensure that the iStream® superlight technology continues to be developed and matured from an technical and manufacturing perspective and provide support to GMD R&D team in order that the company can deliver Gordon Murray Group projects in a professional , cost effective and timely manner.

In this role, you will be expected to work with R&D and manufacturing teams on how to implement the iStream® superlight technology in practice. This will involve determining what technical data and information is required and support creating design and manufacturing guidelines for the production of vehicle structures manufactured from welded/joined Aluminium extrusions and castings. The person filling the role will be the practical welding expert within the company with respect to Aluminium structures.

Experience and Qualifications:

It is anticipated that you will be qualified in approved ISO welding qualifications below or equivalent:

- BS EN ISO 9606-2: Qualification of Welders – Fusion Welding: Aluminium
- BS EN ISO 15614-2: Qualification of Welding Procedures – Arc Welding: Aluminium

You will be an expert in Aluminium joining applications such as manual and automated welding, with the background knowledge and experience to understand the methodology of Aluminium welding processes. Expected to have substantial experience in Aluminium welding.

A knowledge of Aluminium welding standards and quality control processes as listed below is preferred along with experience in tubular frame structure manufacture.

- Post weld quality check to meet ISO standards
- Dimensional verification to the specification
- Metallurgical destructive testing

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Welding robot teaching / programming and vehicle OEM environment experience desirable.
CATIA V5 (or alternative CAD system) viewer experience preferred, but not essential.

Given the nature of the responsibilities detailed above, you will also need to be a good communicator and be proficient in the use of Microsoft Office applications. You will also need to be organised, analytical and have a keen eye for detail. You should be a self-motivated individual capable of working under your own initiative as well as meeting tight deadlines as part of a team.

To Apply:

Please send an up-to-date CV, including details of your current salary and quoting Job Reference Number **GMD0562** to hr@gordonmurraydesign.com