
Role Specification

Job title: Manual Welder

Location: Ohio, USA

Date: April 2024

We are **Velocys**. A leading technology company playing a crucial part in the global Energy Transition.

Our patented catalyst and micro-channel reactor platform provide a scalable, flexible solution enabling the production of Sustainable Aviation Fuel (SAF) from a broad range of renewable carbon and hydrogen sources, including municipal solid waste, woody biomass, biogas, and green hydrogen.

Our performance at commercial scale has been demonstrated. Our competitive advantage comes not only from our technology, but also from two decades of operational and engineering experience. Together, with a deep understanding of the challenges and opportunities of developing SAF production capacity, the value we provide to our clients is second to none.

We are a UK-based company with a strong presence in the US across two sites; an engineering and commercial centre in Houston, Texas and a technology and manufacturing facility in Columbus, Ohio. Our 45-strong team of subject matter experts in Engineering, Manufacturing and Finance (to name a few), have one common goal: directing the future of aviation in a more sustainable trajectory.

Do you want to be part of the change?

About the role

We are seeking a manual MIG/TIG welder to join the newly created Additive Manufacturing team in Ohio. Working in a small team, you'll be responsible for the preparation of parts to be welded and therefore will be competent in fixturing, stacking, cutting, grinding, milling and part fit-up. A large proportion of the working day will involve the operation of manual and semi-automated welding equipment, following blueprints and work specifications, to enable the production of quality TIG/MIG and laser welds. All welds must meet both the print specification and quality assurance requirements.

While the role is in a temperature-controlled facility, it is physically demanding, so you must be able to demonstrate your ability to stand for long durations of time and be able to routinely handle and lift items of 50lbs in weight.

A day in the life as a Manual Welder

- Ensure all weld, and associated equipment, is setup, operated and maintained in a safe condition and all safety devices are in use
- Be able to read/follow blueprints, detailed work instructions, and create quality welds that meet print specification
- Operate and maintain semi-automated equipment
- Weld components using manual and/or semi-automated welding equipment
- Pass TIG and MIG qualification tests as needed
- Inspect welds for flaws and accuracy to print/work instructions
- Prepare parts to be welded by fixturing, stacking, cutting, grinding, milling and fitting
- Identify and report issues, malfunctions or defective parts

About You

To be considered for the role, you must have the following skills and attributes:

- You're passionate; about MIG/TIG welding in particular!
- You're qualified; either in a welder training program for manual MIG/TIG welding or you have comparable work experience
- You have excellent attention to detail; being precise in this role is extremely important and following detailed step-by-step instructions is critical
- You're physically fit; you'll be standing for 75% of the working day, routinely lifting up to 50lbs and you'll need to effectively weld in flat, horizontal, vertical and overhead positions
- You speak English fluently; and you can clearly understand the written and verbal language
- You're a great timekeeper; you'll be working under time pressure and it's important you can manage your tasks effectively
- You're a team player; but you're equally happy to work independently
- You're an excellent communicator; you are personable and confident to speak to everyone regardless of their seniority

We'd love it if you had the following skills too, but we will still consider you if you don't:

- Experience with welding 300 series stainless steel
- Manufacturing, production, or assembly experience
- Familiar with rigging equipment and crane operation

What You'll Get

In addition to a competitive salary and a discretionary bonus, you'll get:

- 20 days (160 hours) of PTO per year plus all the observed public holidays for your working location, and a chance to rest and recuperate at the end of the year when we close our offices over the Christmas period
- Health Saving Plans and Financial Saving Plans (FSA) with a generous 401k contribution
- A great monthly benefit supplement and the provision of life cover
- We are a social bunch! You'll have a summer party, Christmas celebrations and seasonal treats.



Contact

Please send your CV and any additional information to support your application to:
careers@velocys.com

