**JOB DESCRIPTION**

| **TITLE** | WELDER | | |
| --- | --- | --- | --- |
| **Reports To:** | [INSERT TITLE] | | |
| **Category** | PERMANENT, FULL-TIME | **Date** |  |

**Job Purpose**

The Welder is responsible for planning and executing custom projects from start to finish including surface welding, fabrication and installation. This includes reviewing blueprints, cutting metal into correct shapes and smoothing molten metal to remove creases.

The position uses hand welding and flame cutting equipment to weld together metal components in order to supply paint and assembly with production parts.

**Duties and Responsibilities**

Specific responsibilities include, but are not limited to:

* Read and interpret drawings, blueprints, and welding process specifications.
* Source metals, including stainless steel, aluminum, and mild steel.
* Smooth out or grind parts, prior to welding.
* Operate welding equipment to fuse metals using TIG, MMA, etc., at a quality that meets Arc Alloy standards and a speed to meet quotas.
* Operate metal shaping machines such as brakes, shears and other metal straightening and bending machines.
* Operate hand and power tools to measure and cut materials/parts to specifications.
* Assemble work pieces together using a jig or clamp.
* Examine completed work to ensure that it adheres to the tolerances specified on the blueprints.
* Work in other areas as required.
* Maintain a clean and tidy work area and assist with maintaining the shop.
* Update quota/time sheets on a regular basis.

**Skills and Competencies**

* Desire to produce a high-quality product.
* Ability to read shop drawings and blueprints.
* Mathematical aptitude and accuracy.
* Able to lift up to 25 Kg alone or 50 Kg in two person lift.
* Excellent physical endurance and strength.
* Ability to operate hand, power and welding tools/equipment.
* Mindset for safety management, quality control and customer service.
* Versatile and flexible.
* Detail oriented and problem-solving aptitude.
* Organizes, prioritizes and manages time effectively.
* Communicates effectively.
* Analytical and ability to problem-solve.
* Basic computer skills.
* Works with minimal supervision.

**Requirements and Qualifications**

* High school diploma, GED or educational equivalency required.
* CSA 1 for steel (including stainless).
* CSA 2 for aluminum.
* Current or previous CWB certifications, specifically in Flux Core required.
* Minimum two years of fitting experience in a shop environment.
* Minimum two years of welding experience in a shop environment, with a wide range of equipment and procedures (TIG, MMA etc.).
* Knowledge of/experience in manual welding and repairs to RT/UT quality standards and Croven experience as welder preferred.
* Experience using a wide range of electrical and manual tools.
* Experience reading technical documents and drawings.
* Physically able to perform duties

**Working Conditions**

* Standard workweek is [insert #] hours.
* Standard hours per workday are [insert core hours]. Overtime and hours worked outside of the standard work schedule may be required.
* Standard work schedule is [insert schedule such as rotating day and afternoon shift (2 week rotation) or a straight midnight shift, etc.].
* Located on the shop floor and exposed to fumes, noise, heat, artificial lighting and dust.
* High pressure due to work volume, numerous competing demands, time sensitive schedules and goals, dynamic priorities and an overall fast pace.
* Occasional interruptions.
* Standing for up to 8 hours/day. Walking throughout the day.
* Using your hands and wrists in a repetitive manner.
* Use of PPE and safety equipment as required.
* Adherence to all health and safety procedures, policies and legislation at all times.
* Adherence to quality procedures, policies and standards at all times.
* Adherence to COVID-19 procedures and policies while in effect.