

Job Title: Welder/Fitter – Aluminum, Manufacturing

Reports to: *Manufacturing Manager*

Summary of Job Related Responsibilities:

To perform welding and fabrication of metal alloys and to maintain, repair, design, and modify vehicles and construction related equipment; and to construct specialized devices, parts and structures; perform related work.

Skills & Knowledge Requirements:

1. Good knowledge of: the methods and standard practices of the welding trade; various metals and alloys.
2. Experience using the tools and equipment common in welding to fabricate, fit, assemble, manufacture, and repair parts and equipment; working from blueprints and plans and specifications to determine dimensions, tolerances, and layout of work; determining proper welding techniques for various alloys; maintaining equipment, tools, and a variety of welding devices.

Job Duties & Responsibilities:

1. Uses plans, diagrams, blueprints, and work requests to determine project design, and works with requester to insure needs are met.
2. Fabricates equipment by cutting, burning, and welding various metals. Repairs equipment by using welding techniques and appropriate welding equipment.
3. Effectively layout designs, supervise workers, and distribute workload to maximize productivity.
4. Determines metals needed, welding methods, and all particulars of requested jobs; heats and tempers metals.
5. Prepares and cleans surfaces and special parts for welding.
6. Builds up worn or defective surfaces.
7. Selects, positions, aligns, and bolts parts or fixtures to be welded.
8. Uses micrometers and precision measuring tools and all related hand and power tools.
9. Read, understand and follow all Safe Work Practices and Procedures for welding machinery and equipment.

All Duties and Responsibilities may be expanded upon and are subject to change.

Health & Safety Program Duties & Responsibilities:

The following regulations are excerpts from the Alberta Occupational Health & Safety Act and are for your information and protection:

OH&S Act, Section 2(2) – **Responsibilities:** Every worker shall take reasonable care to protect the health and safety of himself and of other workers present while he is working and cooperate with his employer for the purposes of protecting the health and safety of himself and other workers.

OH&S Act Section 35, 36, 37 – **Right to Refuse Unsafe Work:** No worker shall carry out any work if, on reasonable and probable grounds, he believes that there exists an imminent danger to the health and safety of that worker or another worker present at the work site. If you are uncertain, contact your supervisor *immediately!*

1. Read, understand and sign company safety manual and applicable policies.
2. Wear appropriate Personal Protective Equipment (PPE) and maintain all PPE in good condition.
3. Report all damaged tools or equipment to supervisor or *Tag-Out* and return to the Tool Crib. **DO NOT USE ANY DEFECTIVE TOOLS!**
4. Carry out all work in a safe manner that will not create a hazard.
5. Active participation as a member of the Health & Safety Committee (voluntary).
6. Cooperate with your supervisor(s) to foster a safe work environment.
7. *Immediately* report **all** accidents, incidents, near misses and/or **all** First Aid or Medical Aid injuries, regardless of severity, to the area supervisor.
8. Comply with company medical and first aid procedures.
9. Participate in the company safety program and make any safety suggestions that will improve the safety program or increase awareness.
10. Set a good example for fellow workers by following all safety rules, policies and procedures.
11. Attend and actively participate in all required safety training and meetings.
12. If at any time you are unsure about the safe operation or completion of a task, ask your immediate supervisor before commencing the job.

**NEVER ATTEMPT A JOB IF YOU ARE NOT CERTAIN OF
WHAT IS REQUIRED!**

Employee Name (Print Clearly)

Signature

Date