JOB DESCRIPTION

| **TITLE** | IRONWORKER | | |
| --- | --- | --- | --- |
| **Reports To:** | [INSERT TITLE] | | |

**Job Purpose**

The Ironworker is responsible for the use of specialized tools and equipment in the fabrication and assembly of metal parts for the construction, repair and maintenance of agricultural equipment. Additionally, this position is responsible for inspecting, repairing and refurbishing parts as needed.

**Duties and Responsibilities**

Specific responsibilities include, but are not limited to:

* Read blueprints, plans, and written specifications, in order to select appropriate materials and quantities for a project. Layout reference points and patterns.
* Utilize equipment including (but not limited to) an ironworker, brake press, roller and shear, etc. to build parts to specifications.
* Ensure proper placement, balance and alignment of plates and metal material in equipment to form high quality part pieces.
* Transform part pieces into functional elements by using fabrication techniques such as (but not limited to) cutting, grinding, drilling, straightening, bending and rolling, tack welding, etc.
* Record fabricated parts into inventory.
* Organize parts on racks accordingly.
* Adhere to company specifications, work instructions and work orders.
* Ensure the quality of work as it relates to company and client standards.
* Document the materials used in the process to maintain traceability.
* Clean, organize and maintain equipment, tools, and work area on an ongoing basis.
* Track materials inventory and report when low.
* Dispose of all waste per company and legislative policies.
* Utilize PPE and safety equipment during the course of performing duties.
* Determine and discuss with the foreperson, any potential process improvements.
* Perform other duties as assigned.

**Skills and Competencies**

* Desire to produce a high-quality product.
* Ability to read shop drawings and blueprints.
* Mathematical aptitude and accuracy.
* Analytical, detail oriented and aptitude for problem-solving.
* Mechanical and technological aptitude.
* Ability to operate hand, power and welding tools/equipment.
* Mindset for safety management, quality control and customer service.
* Versatile and flexible for dynamic priorities and team effort.
* Organizes, prioritizes and manages time effectively.
* Communicates effectively.
* Basic computer skills.
* Works with minimal supervision.

**Requirements and Qualifications**

* Completion of vocational or technical diploma and/or equivalent combination of education and experience is required.
* A minimum of X years experience in fabrication, assembly and fitting is required.
* A metal fabrication trade certification, or equivalent, is preferred.
* Understanding of metallurgy.
* Experience using a wide range of power and manual tools.
* Experience reading technical documents and drawings.

**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, equipment vibration and dust.
* High pressure due to work volume, numerous competing demands, time sensitive schedules, dynamic priorities, regular interruptions and an overall fast pace.
* Standing for up to 8 hours/day. Walking throughout the day.
* Stooping, bending, pushing and pulling on a regular basis.
* Handling, lifting, carrying and setting up parts up to 25 Kg.
* Using your hands and wrists in a repetitive manner.
* Adherence to all health and safety procedures, policies and legislation at all times.
* Adherence to quality procedures, policies and standards at all times.