



APPRENTICE BARREL MAKER

Department: Shop

Reports to: Shop Lead

Work Hours: Monday – Friday 6:00 am – 2:30pm

General Summary of Purpose of This Position:

Run large machinery to produce specific parts.

Essential Functions and Responsibilities, Hazards:

- Be able to start, maintain, and run large machinery. (Steel cut off, Drills, Reamers, Rifler, and various hand tools. (Standing, Bending, Lifting up to 75LBS.) Fast moving parts, loud machines, high pressure cutting oil, sharp tooling.
- Make effective offset moves to keep parts in tolerance.
- Lapping barrels (polishing with brass brushes, steel wool, lapping compound) Polishing inside of barrels. Repetitive movement while standing.
- Keep working area clear of all debris and in good order, maintain safe work environment and utilize required safety equipment. (Sweeping, wiping with brush, cloth, and cleaning chemical.)
- Fill out SPC sheets accurately.
- Deburr and prep steel parts when needed. (Files, Belt sanders, Hand Drills, or grinder) Standing
- Assisting in other area of the shop, as possible. (Cleaning, Sweeping, Building wood crates with saws, air tools. Maintenance on all machines. Stamping steel with hammer and stamps)
- Chemicals used, Alcohol, Acetone, Cutting oil, machine coolant, Muriatic Acid, Algaecide, Bonder lube, lapping compound.
- Hazards would be large machinery. Fast moving parts, sharp tooling, loud processes, chemicals, large amount of people involved in multiple processes at the same time.

Job Description Continued...





Physical Demands:

- Ability to stand for up to 10 hours at a time. Breaks every 3 hrs.
- Ability to lift up to 75 pounds.
- Ability to wear safety glasses for entire shift.
- Ability to wear ear plugs. Loud environment.

Mental Demands:

- The ability to deal with pressure to meet deadlines, to be accurate and to handle constantly changing situations, and to create a positive work environment.
- The ability to deal with a variety of people and deal with stressful situations and handle conflict with a positive outcome.

Knowledge, Skills & Abilities:

- Knowledge of production processes, quality control.
- The ability to measure with different tools to include, but not limited to, micrometers, calipers, and high gages.
- Ability to use bore scope for quality.
- The ability to troubleshoot and determine the causes of operating errors and deciding what to do about it.
- The ability to determine the kind of tools and equipment needed to do the job.

Education and Experience:

Some previous work-related skill, knowledge or experience may be helpful but not necessary. Must have strong math background. Be able to add and subtract.

Supervisory Responsibility:

This position operates under general supervision. The employee is authorized to make decisions as to the timing and sequence of work and the work is performed according to established policies or procedures. This position does not have any supervisory responsibilities.

