



RENAISSANCE MANUFACTURING GROUP-ANNISTON, LLC
Position Profile / Job Description

POSITION / JOB TITLE:	Machine Operator I (Grinder)	ORG LEVEL:	
REPORTS TO:	Foundry Supervisor	JOB CODE:	
DEPARTMENT:	Finishing	Post Date:	

POSITION PURPOSE

This entry-level production job is involved in activities that contribute to the production of the company's products. Operates light duty or simple machinery used in the production process, and simple semi-automated equipment where the machine parameters are preset. Emphasis may be on manual skills.

PRIMARY TASKS AND RESPONSIBILITIES

Finishing:

- Grinds parts using proper steps in process, grinding methods, and tools.
- Uses various machines and tools, the blast operation or the sort conveyor on a rotational basis.
- Retrieves, lifts, holds, and places/tosses metal castings from workstation or bin area.
- Applies knowledge of routine work area procedures, completes standardized activities. Resolves task related problems in straightforward situations.
- Visually inspects castings prior to grinding and sorts for finished product or scrap.
- Inspects, feels, and measures castings to ensure that surfaces and dimensions meet specifications.
- Removes finished castings from machine and places them in boxes or on racks, setting aside pieces that are defective.

General Duties:

- Regularly follows clear instructions, procedures, and processes. Less often corrects or resolves issues or problems in existing systems and processes with the help of existing norms, procedures or processes or authority.
- Often delivers own output following broad framework or standards with some impact on job area and occasionally delivers own output according to specific operational targets. Performs precision smoothing and grinding of iron castings to remove particles of metal to produce desired product to ISO quality standards.
- Sets up machine, hand tools, and work area to safety specifications and standards.
- Ensures parts meet production demands and complies with ISO standards/parts specifications.
- Watches gauges, dials, and other indicators to ensure machine is working properly.
- Utilizes production processes, quality control, and other techniques for maximizing effective manufacturing and distribution of goods.
- Monitors machine operations to determine whether adjustments are necessary and informing the Supervisor if adjustments are needed.
- Checks quality of work in progress to pass audits while maintaining a continuous output.
- Completes and turns in accurate and legible daily production records documenting workstation rates.
- Shuts down (powers off) equipment as instructed, i.e., during breaks, changing wheels, and end of day.
- Conducts general area and workstation housekeeping to maintain cleanliness and safety.
- Reports the need for equipment maintenance, repair, and operating supplies.
- Performs rotational duties as assigned.
- Uses mathematical ability to add and subtract two-digit numbers; multiply and divide with 10s and 100s; count parts inventory.
- Uses reasoning ability to determine good or bad castings by looking at pictures, photos, or drawings.
- Stores inventory and materials in neat and labeled areas.
- Works safely follows safety rules and regulations and assists supervisors and managers in maintaining a safe and healthy work environment.



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REQUIREMENTS: EDUCATION, EXPERIENCE, TECHNICAL / FUNCTIONAL SKILLS & COMPETENCIES
 (Indicate typical education and work experience specifying minimum years of experience.)

Basic Requirements:

High school diploma or general education degree (GED) required.
 Basic knowledge and literacy of machine operation required.

WORK ENVIRONMENT AND PHYSICAL REQUIREMENTS

Physical Requirements:

Stands stationary at workstation without sitting or leaning using repetitive hand motion, arm, and shoulder motion at a continuous pace. Bends, stoops, crouches, reaches, and pulls. Walks, cleans, and completes paperwork. Lifts and moves up to 40 pounds. Inspects parts using near vision, color vision, and peripheral vision.

Foundry Environment

Regularly exposed to humid conditions, airborne particles, extreme cold and heat. Exposed to loud noises from multiple machines running at the same time.
 Daily expected production rates can be stressful to those inexperienced in production. If grinding, regularly exposed to sparks, moving wheels of various grinders while making repetitive hand and arm movement. If in injection molding, regularly exposed to high heat from parts.