

Job Description

Furnace Tender/Mold Conditioner

Department:	Foundry
Reports To:	Foundry Supervisor
FLSA Classification:	<i>Non-Exempt</i>

JOB SUMMARY:

Clean furnaces to melt down aluminum used in casting machines in accordance with established procedures and methods.

ESSENTIAL DUTIES:

- Charge and operate furnaces to melt down aluminum
- Regulate furnace temperatures
- Pour metal from furnaces and transport molten metal to machines
- Charge furnace with ingots and prescribed and in proper amounts to keep casting machines operating without interruption
- Skim off impurities during melting process and before pouring of distribution ladles
- Inspect furnaces, distribution ladles and transportations methods for operation condition and safety, and report needed repairs or malfunctions
- Work from material melt specifications and production schedules
- Assist operators to move, mount and secure dies, molds and mechanical mechanisms
- Perform spectrometer functions on all required metal alloys that are critical alloy parts.
- Contact quality technician or supervisor if anything does not meet specifications
- Perform routine maintenance
- Perform other duties as assigned

MINIMUM QUALIFICATIONS:

- Must have a high school diploma or GED
- Must have previous manufacturing experience
- Must be able to lift up to 50 lbs. on a regular basis
- Must be able to use a computer
- Must have reliable transportation

PREFERRED QUALIFICATIONS:

- Basic math skills – counting, adding, subtracting, multiplication, division
- Mechanical abilities
- At least six months permanent mold casting experience