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# Example of Furnace Operator Job Description

Our company is hiring for a furnace operator. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don’t fill all of the qualifications, you may still be considered depending on your level of experience.

## Responsibilities for furnace operator

* Strong learning aptitude required because 85% of the knowledge required must be learned on the job
* Function as a viable member of the furnace team
* Conduct preventive and general maintenance on furnace hardware including hearth, molds, shields and feeders, gate valves, vacuum pumps, helium recovery systems and other support systems
* Troubleshoot equipment and system abnormalities
* Ability to work in areas requiring safety harnesses (heights) and confined spaces
* Must be flexible with work schedule and be available for overtime and weekends
* Work on tasks outside of the job description as directed by Management and/or Lead Operators for training, emergency relief purposes, production needs or continuous improvements
* Responsible for accurate reporting of production and scrap data
* Authority to cease production of non-conforming product until the deficiency or unsatisfactory condition has
* Set-up and operate PC Based Induction Furnace, Spray Coat System, Preparation and Weld Station and Abrasive Saw

## Qualifications for furnace operator

* Set-ups and monitors performance of operated equipment including time and temperature of the casting system
* Assist Supervisor in managing production schedule and take ownership of a work zone with numerous machines listed above
* Performs hand welding of steel barrels to ensure proper seal prior to casting process to prevent leaks from occurring
* Completes Inspection and In process paperwork as required
* Perform and Document Preventive Maintenance on Equipment
* 2-3 years’ experience welding and / or operating heat treating / casting system