

# Vacuum Induction Melter

## Job Summary:

SeaCast operates full-service investment casting foundries specializing in precision investment casting. SeaCast was established in 1985 and remains a privately held company based in Marysville, WA. We have over 800 employees (and growing) across our locations in Marysville, Arlington, Seattle, Montana and Mexico, with continued growth anticipated.

This individual will report directly to the Plant Manager. You must have a good understanding of the investment casting process. You will pour metal castings and operate the vacuum furnaces to create high quality investment castings.

## Duties and Responsibilities:

- Reads travelers and records melt data.
- Operates melt furnaces.
- Occasionally weighs out metal and alloy additives.
- Charges metal into furnace.
- Monitors fuel, air, electricity and water coolant.
- Observes metal and adjusts controls to maintain specified temperature. Measures and records in computer database.
- Inspects and records chemistry of metal using a Spectrometer.
- Prep / inspect molds for autoclave, insulation and firing.
- Calculates by weight any elements that need to be added into melt pot.
- Completes the metal pouring process.
- Records data during and after each melt to ensure quality standards are met.
- Inspect and rebuilds crucibles.
- Participates in production meetings to ensure that manufacturing needs are met.
- Follows all safety guidelines established by the Company, including proper use of safety equipment and relevant safety procedures.
- Follows instructions and records accurate information daily.
- Follows additional instructions and other duties as assigned.

## Qualifications:

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. Previous foundry experience is required.

- 2+ years experience with vacuum melters is required.
- Ability to follow instructions, read, write and perform arithmetic calculations
- Ability to work as a team member
- Ability to work in difficult working conditions which may include exposure to noise, dust, chemicals, temperature extremes, molten metal and other elements for extended periods of time.

**Education and/or Experience:**

Associate's degree (A. A.) or equivalent from two-year college or technical school; or six months to one year related experience and/or training; or equivalent combination of education and experience.

**Physical Demands:**

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this Job, the employee is regularly required to stand; walk; sit; use hands to finger, handle, or feel; reach with hands and arms and talk or hear. The employee is occasionally required to stoop, kneel, crouch, or crawl. Ability to lift and or maneuver objects weighing thirty to fifty pounds and occasionally up to one hundred and twenty pound

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Please note that reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions of this position.