

Wagstaff

www.wagstaff.com

POSITION TITLE: Metallurgical Engineer

POSITION LOCATION: Spokane Valley, Washington

POSITION DESCRIPTION:

Apply engineering knowledge to the unique set of technical circumstances at each customer location, including but not limited to evaluating customer sites, and reading, analyzing and interpreting data to develop recommendations for optimal utilization of Wagstaff supplied equipment. International and domestic travel is required.

- Oversee and/or perform pre-sales technical site evaluations, installations and start-ups of Wagstaff supplied equipment, and troubleshooting of Wagstaff supplied equipment
- Provide advice, guidance and training to customers and Technical Service department personnel regarding the installation and operation of Wagstaff equipment and optimization of cast house operations unique to each installation
- Read, analyze and interpret molten metal quality data, and develop recommendations and/or adjustments based on that reading, analysis and interpretation to improve and optimize casting equipment and processes unique to each cast house
- Oversee and manage the installation of Wagstaff equipment at customers' sites ensuring that site meets specifications and that equipment will operate efficiently and with maximum effectiveness
- Perform post-installation courtesy visits to review casting processes and advise customers regarding Wagstaff supplied equipment performance to achieve improved quality and yields
- Become a subject matter expert on at least one Wagstaff Casting Systems and the DC casting process i.e. Billet or ingot
- Domestic and international travel required depending upon customer and company business needs
- Draft and/or review technical papers for publication or presentation at industry conferences
- Participate in research activities related to aluminum casting technologies
- Abide by company policies
- Assist in drafting and/or reviewing technical bulletins, procedures and manuals
- In order to achieve business objectives, work weeks in excess of 40 hours may be required
- Other duties as assigned

Working Environment

While performing the duties of this job on Wagstaff premises, work is performed primarily in an adequately lit, well ventilated, climate controlled general office environment. Close computer work is regularly required. The work usually involves minimal physical exertion. The noise level in the general office environment is usually moderate.

This job may require occasional or more frequent interaction with employees on the manufacturing shop floor. While on the shop floor, the employee may be exposed to fumes, airborne particles, toxic or caustic chemicals, risks of moving equipment and parts, and other risks associated with a manufacturing environment. Because of this environment and associated risks, coordination with shop floor managers/employees may be necessary before entering the shop floor, and use of job appropriate personal protective equipment and clothing is required on the shop floor. The noise level on the shop floor is often loud.

This job may also require occasional or more frequent travel to and work at customer sites. While at customer sites, the employee may be exposed to fumes, airborne particles, toxic or caustic chemicals, risks of moving equipment and parts, and other risks associated with a construction and/or manufacturing environment. Because of this environment and associated risks, coordination with customer managers/employees may be necessary before entering the customer site, and use of job appropriate personal protective equipment and clothing is required at customer sites. The noise level at customer sites is often loud.

DESIRED MAJORS: Materials Science and Engineering

REQUIRED QUALIFICATIONS:

- Bachelor of Science degree in Metallurgical Engineering or Materials Science required

General Characteristics:

- Acquires basic knowledge and develops skills in a specific practice area
- Applies prescribed and/or standard techniques and procedures in accordance with established criteria to perform assigned tasks
- Exercises limited judgment on details of work and in application of standard methods for conventional work
- Acquires an understanding of professional and ethical responsibilities

Technical Responsibilities:

- Runs a complete project or process of standard complexity
- Performs standard computations or analysis Exercises basic knowledge in Wagstaff Casting Systems and the DC casting process

Leadership Skills:

- Assign tasks to and coordinate work with designers. Coordinate with other departments as necessary

HOW TO APPLY:

Any interested candidate should apply at wagstaff.applicantpool.com/jobs.