

WAUKESHA FOUNDRY

A United Stars Company

Date created: November 30, 2018

Approved by: Michelle Harms

Job Title: Pay for Skills (P4S) Quality Level 4

Number of Openings: 2

Shift: First and Second Shift

Location: 1300 Lincoln Avenue, Waukesha

Department: Quality / Cleaning Room

Reports to: NDT Supervisor

Pay Type: Hourly

Wage: \$25.00 (plus shift premium for 2nd)

Job Description (meant to be a description of basic job tasks, not all inclusive)

Hydrotesting , Visual Inspection, Stamping, & Heat Treat:

- Must have knowledge of general foundry procedures, metals, and different alloys
- Use micrometers, height gauge, surface gauge, scales and other instruments
- Identify and maintain traceability on all commercial castings including records of number of castings and pieces
- Basic understanding of customer heat treat requirements
- Stamp each part with Heat number and Serial number
- Work from masters to enter castings into the computer for heat treat
- Must be able to achieve fork lift certification

Die Penetrant Inspection (LPI):

- Perform all duties and operations necessary to inspect castings
- Using the liquid penetrant testing methods and procedures
- Maintain inspection records as required by procedures

Magnetic Particle (Mag):

- Perform all duties and operations necessary to inspect castings
- Using the magnetic particle testing methods and procedures
- Maintain inspection records as required by procedures

Inspection of High Integrity Castings:

- Hardness Testing (Brinell)
- Ultrasonic / Thickness testing
- PMI verification, as required by customer
- Scanning of Dimensions on Tooling and Defense Castings
- Visual inspection and disposition of high integrity castings, referencing drawings and utilizing measurement tools
- Create dimensional reports, including verification of First Article Castings
- Work with source inspectors as they verify dimensional inspection

General:

- ***LPI: Must have minimum of 400 hours of experience in Liquid penetrant inspection / 32 hours formal classroom training/Must pass internal tests (General, Specific, Practical).***

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- ***MT: Must have minimum of 530 hours experience in Magnetic Particle inspection / 32 hours formal classroom training / Must pass internal tests (General, Specific, Practical).***
- Safe operation of hoist
- Safe operation of forklift
- Read and understand master sheets
- Read measuring devices
- Use basic arithmetic functions such as add, subtract, multiply, divide
- Work safely in a team environment
- Maintain proper housekeeping for work area
- Other duties as assigned by supervisor

There will be a test given for each of the above bullet points that requires the individual to pass in order to be awarded the position. Feel free to contact the NDT Supervisor – Jeff Bell- with any questions or concerns.

Working conditions: Normal foundry atmosphere.

The above statements are intended to describe the general nature and level of work being performed by people assigned to this job. They are not intended to be an all-encompassing list of responsibilities, duties and skills required of personnel so classified. Reasonable accommodations to essential functions of the job will be made if necessary.