

Bullseye Glass Co.

Job Description

Department: Maintenance Position: **Entry level furnace builder**

Lines of Responsibility

Reports to: Maintenance Supervisor

Essential Job Functions

The Furnace builder serves the critical role of building and maintaining one of the key assets in glass making: The furnace. For this role the essential job functions are:

- Construction of furnaces for glass production
- Manage preventative and predictive maintenance of furnaces, manufacturing equipment, and facilities
- Upgrade and repair furnace and manufacturing equipment
- Fabrication of manufacturing process equipment and tooling
- Manage and perform required documentation of furnace procedures, data input, and specifications
- Assist all maintenance department responsibilities as required

Additional Responsibilities

- Working with supervisor, responsible for self-initiated development of skills and abilities
- Team-focus; support all department goals by assisting other departments as the need arises.

Experience

- Must be able to use tape measure, squares, levels, basic hand tools, we will provide the rest of training you will need to succeed.

Things you will learn as a furnace builder: (Training period 2 years)

- Welding Stick and MIG
- Mechanical skills
- Carpentry skills
- Basic electrical wiring
- Gas Plumbing
- Brick work
- Reading blueprints and schematics
- Fabrication skills to include pipe work, sheet metal, and other applicable experience.
- Valid driver's license

Physical requirements / Use of Senses

- Temperature: The position requires the ability to work on high temperature materials and around high temperature equipment for extended periods using proper PPE protection.
- Materials: Working with hazardous materials requiring respirator protection for extended periods.
- Standing/walking: Frequently. To move throughout the plant areas.
- Lifting/carrying: Frequently. To use various hand tools, power tools and construction materials. Typical weight between 10 and 100 lbs.
- Handling/grasping: Frequently. To use various hand and power tools in the construction of furnaces
- Speaking/hearing: Frequently. To speak with employees and supervisors and follow verbal instructions. To listen for irregular noise in relation to equipment repair.
- Near vision: Frequently. To perform various maintenance duties throughout the plant area.
- Far vision: Frequently. For maneuvering about the plant.

Mental requirements / Attributes

- Interaction/Positive attitude: Frequently. Communicates with co-workers, supervisors, employees in an environment with time stressors.
- Time/deadline/shift/overtime requirement: Frequently. Job requires considerable coordination with other employees and supervisor in the rotation of job duties assigned on each shift.
- Attention to detail: Frequently. Accuracy is critical for almost all phases of the job.
- Critical judgment: Frequently. May need to identify problems or assess situations quickly and be able to determine needed action.