



## **JOB DESCRIPTION**

### **Equipment Maintenance Technician**

Essential Job Functions (duties & responsibilities):

1. Maintain furnaces and supportive equipment by completing preventive maintenance schedules.
2. Troubleshoot and restore, repair, rebuild, or replace faulty or inoperative components and parts.
3. Collaborate with other departments, vendors, and contractors to ensure preparation of equipment for temperature uniformity surveys and other outsourced maintenance procedures.
4. Plan, complete and troubleshoot the installation of major equipment and furnaces as a key member of a cross-functional team.
5. Perform occasional facilities maintenance related tasks and repairs.
6. Able to perform all functions of Heat Treat Operators including:
  - a. Operate, control and monitor heat treating and related equipment.
  - b. Prepare customer supplied parts for processing.
  - c. Load and unload furnaces, bins, baskets, fixtures, etc.
  - d. Follow written procedures on shop orders and/or customer paperwork.
7. Assist with production needs when feasible and practicable.
8. Bring any irregularities or non-conformities to attention of supervisor or management.
9. Promote safety and good housekeeping practices.
10. Perform other tasks as assigned or dictated by position.

Requirements:

1. Experience with the following a plus:
  - a. High-temperature furnaces: electrically heated or combustion
  - b. Furnace atmospheres: endothermic, dissociated ammonia, etc.
  - c. Vacuum pumping systems: roughing, booster, diffusion, etc.
  - d. Induction heating systems
  - e. Quenching systems: oil, water, polymer, gas
2. Language Skills: Must be able to communicate effectively, both orally and in writing.
3. Must be able to regularly lift up to 50 lbs, bend, climb, stoop and stand.
4. Work Environment: regularly exposed to heat, dust, noise, humidity, fumes, etc.
5. Must have the aptitude to learn basic knowledge of heat treating processes, testing, metallurgy, temperatures, etc.
6. Must be able to obtain and maintain a forklift operator certification, with training available in-house.
7. Must have the ability to report for work on time, follow directions, interact effectively with co-workers, understand and follow rules and procedures and accept constructive criticism.

Pay: \$30.00 - \$35.00 / hour DOE

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed above are representative of the knowledge, skills and ability required. This job description does not constitute a written or implied contract of employment. ThermoFusion reserves the right to revise or change job duties and responsibilities as the need arises.