



## **Die Cast Set-Up Mechanic – Relocation Eligible**

### **Responsibilities:**

- Responsible for the set-up of a variety of die cast machines and trim presses.
- Troubleshoot and correct problems such as porosity and flash.
- Maintain and Set-up all safety equipment and guarding.
- Submit first and last pieces on all set ups.
- Must have basic knowledge of hoists for set up purposes.
- Must have basic knowledge of hydraulics on die cast equipment
- Communicate any production or safety issues to foreperson or supervisor.
- Provide general guidance to operators on proper procedures in the operation of die cast equipment when needed.
- Basic knowledge of die cast machine components, such as goosenecks, plungers and Plunger rings, nozzles, sprayers, shot cylinders and ejection processes.
- Basic knowledge of die components such as cavities, slides, cores, spreaders and bushings, runner systems, and water cooling.
- Ability to understand and use tools such as calipers and torque wrenches.

### **EDUCATION AND EXPERIENCE:**

- High school Diploma/Equivalency
  - Experience with die cast machines; able to set up and troubleshoot
  - Knowledge of Techmire, Prince and Kux machines a plus.
  - Understanding of mechanics
  - Good interpersonal and computer skills
  - Ability to read measuring equipment such as micrometers and calipers
- ✓ Techmires – they are either 66NT or 88NT (tonnage range 45-60 tons US). Die are 6x6 or 8x8 and are relatively small in the die casting world.
- ✓ Conventional machines – we have 250-ton Kux machines and 450-ton Prince machines. Dies range from small unit dies (9 x 9) to large full dies (18 x 24). Conventional dies installed with bridge crane system.

### **ENVIRONMENT:**

100% performed in plant facilities with extensive noise and machinery running. The die cast environment requires working around hot metal and requires a significant amount of PPE.

While performing the duties of this job, the employee is regularly required to sit; stand; walk; use hands and fingers to feel and handle; reach with arms and hands; and hear. While performing the duties of this job, the employee frequently is required to stoop, kneel, and crouch; lift weights or exert a force up to a maximum of 50 pounds.



**ADDITIONAL:**

We are a dynamic organization in a rapidly changing industry. Accordingly, the responsibilities associated with this job will change from time to time in accordance with the Company's business needs. More specifically, the incumbent may be required to perform additional and/or different responsibilities from those set forth above.

The above declarations are not intended to be an all-inclusive list of the duties and responsibilities of the job described, nor are they intended to be such a listing of the skills and abilities required to do the job. Rather, they are intended only to describe the general nature of the job.

Position reports to Die Cast Foreperson  
(1<sup>st</sup> shift 7 am to 3 pm; 2<sup>nd</sup> shift 3:45 – 11:45 pm)

**NSI | Bridgeport Fittings**

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Stratford, CT 06615

Interested candidates should send their resumes to [nancyd@bptfittings.com](mailto:nancyd@bptfittings.com)

*Benefits – 1<sup>st</sup> of month following 30 days of employment*

- *Medical, Dental, Vision*
- *Life, STD, LTD*
- *401k*
- *PTO & Holiday Pay*
- *Monthly Attendance Bonus*
- *Sign On Bonus \$500*