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**TITLE:** Tooling Engineer

**EMPLOYER NAME:** JVM Castings

**ADDRESS:** Droitwich Road, Worcester, WR3 7JX

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**CONTACT:** Jasmin Hayer

HR Office

07823 789 166

jasmin.hayer@evtec-aluminium.com

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## DESCRIPTION:

Support the Toolroom function. Perform tasks on or around a Die Casting Machine whilst following all safety procedures. Support the Foundry Production Process. Work under general supervision, reviewed at project milestones and/or on completion by Senior Management.

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## PRINCIPAL RESPONSIBILITIES:

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| <ul style="list-style-type: none"><li>&gt; Support foundry production, manufacturing cells in any capacity, carrying out repairs and maintenance to Dies and Shear Tools on and off the machines.</li><li>&gt; Assist in ensuring that maximum production activities take place and plan out other work schedule left by Toolroom Manager.</li><li>&gt; Full strip down of open and shut dies.</li><li>&gt; Full strip down of dies with sliding hydraulic / manual cores.</li><li>&gt; Welding and reforming breakout by hand.</li><li>&gt; Manufacturing jigs and fixtures.</li><li>&gt; Full strip down of shear tools.</li><li>&gt; Manufacturing punches and core pins from drawings.</li><li>&gt; Assembly of shot stems and tips.</li><li>&gt; Knowledge of hydraulic cylinders and the ability to re-seal and check safely.</li></ul> | <ul style="list-style-type: none"><li>&gt; Removal of solder from dies on DCM.</li><li>&gt; Welding repairs on die breakout inside DCM.</li><li>&gt; Changing broken core pins on the die casting machine.</li><li>&gt; Changing broken shear tool punches on the DCM.</li><li>&gt; Reinserting cavities and slide cores into bolsters.</li><li>&gt; Fitting new inserts, spreaders, and bushes.</li><li>&gt; Testing water cooling channels and hydraulics on die casting tools.</li><li>&gt; Following foundry and company procedures.</li><li>&gt; Assist in tooling preventative maintenance and improvement activities.</li></ul> |
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## TRAINING PROVIDED

- > Level 2 Diploma in Advanced Manufacturing Engineering (Foundation Competence).
- > Level 2 Award for Foundation Phase Gateway Assessment.
- > BTEC Level 3 Diploma in Advanced Manufacturing Engineering (Development Knowledge).
- > Level 3 Diploma in Advanced Manufacturing Engineering (Development Competence)

**Must have a positive attitude, be self motivated and show a willingness to learn!**

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### NUMBER OF POSITIONS:

1

### WEEKLY WAGE:

£6.40

### WORKING WEEK (HOURS):

38

### COURSE DURATION:

4 years

### LEARNING PROVIDER:

Midland Group Training Services

### VACANCY TYPE:

Advanced Apprenticeship (Level 3)

### POSSIBLE START DATE:

05/09/24