



## **Manufacturing Engineer (Greenbridge)**

### **Your Role**

Reporting to the Operations Director, you are a Manufacturing Engineer with personal responsibility for the specification, design, implementation and improvement of new and existing plant, process equipment and tooling.

### **Your Goal**

Eliminate process related non-conformities and improve operator productivity via the specification, innovative poke-yoke design, and practical realisation of reliable plant, equipment, jigs, fixtures and tooling. Install new, modify and reorganise existing production process to accept these improvements reducing in-process non-value added operator activities to an absolute minimum. Design and implement new technologies. Ensuring a high level of H+S standards are maintained. A level of equipment maintenance and modification will be required.

### **Your Objectives**

1. Work collaboratively with the Production Engineers, Quality Engineers and Maintenance Engineers to identify and prioritise the modification or refurbishment of production equipment and tooling to address its inability to meet a specified function or significant risks to the users' health and safety.
2. Contribute to the company's PFMEA (Process Failure Mode Effect Analysis) program that seeks to identify, evaluate, and risk prioritise, the potential for defective production output. Utilise your knowledge and experience to assist with the specification of innovative poke-yoke equipment designs to reduce the defect risks identified to an absolute minimum.
3. Conceive, develop, design and risk assess safety conscious production equipment and tooling to meet the requirements of specifications resulting from the company's PFMEA , ICAR (Internal Non Conformity Reporting), and SIP (Standard Improvement Project) defect reduction programs.
4. Utilise internal machining resources, or external specialist contractors, to practically realise new or refurbished production equipment and tooling designs prior to refining them against their original specification, registering and controlling their existence via the Greenbridge Tooling and Equipment register, and ensuring their right first time implementation to the production environment.
5. Provide practical manufacturing engineering support and knowledge to the company's preventative maintenance program ensuring that the continuity of production is maintained as a priority and that production equipment and tooling in need of refurbishment is promptly addressed.
6. Provide practical manufacturing engineering support and component design knowledge to the company's tool room to ensure continuity of pressed part production via the effective refurbishment or manufacture of new or existing manufacturing tools.

### **Your Values**

Personally motivated by a desire to solve problems, you will be intolerant of non-value activities that waste time and energy and meticulous in your approach to safe poke-yoke equipment and tooling design.

## **Skills, Knowledge & Experience**

1. Experience of press shop process and equipment in a mechanical assembly environment.
2. Practical experience of electrical, mechanical and pneumatic equipment design and build projects.
3. Demonstrated capability of Tool room equipment and its use.
4. High level capability to design tooling and fixtures.
5. Experience and knowledge of sheet metal production and basic press tool design and maintenance.
6. Recognised qualification in production or process engineering (BSc. HND/HNC).
7. Organised, self-motivated and safety conscious. AutoCAD and Microsoft Office literate. Able to manage projects.
8. A basic knowledge of Failure Mode Effect Analysis (FMEA) would be advantageous.
9. Hands on tooling engineering.

Committed to a long term future with the business, you will be energised by working with employees at all levels but retain the self-sufficiency and focus to deliver the cradle to grave project implementation.

To apply, email your current CV, together with a covering letter highlighting why you would be the ideal person for this role, to: [Emma Clark](#).