



Stage Zero (Pty) Ltd
Block D1, Rutherford Estate,
1 Scott Street, Waverley, Johannesburg, 2090

PO Box 369, Rivonia, 2128

Tel: 087 162 5000
info@stagezero.co.za
www.stagezero.co.za

Registration No.: 9333290271

Job Title: Mechanical Technician
Department: Research & Development
Reports to: R&D Manager

Overall objective of Job Function

The **Mechanical Technician** assists with design, mechanical drawings of design, procurement, construction/assembly of systems/sub-systems/components, jigs, and fixtures. He produces models, drawings, and relevant project documentation (e.g., assembly instructions, etc.). He assists with these activities during the life cycle of allocated systems.

He assists with performing of tests required for system/sub-system development and manufacturing activities. He assists with continuous facility capability improvements.

He also assists Manufacturing with maintenance related activities of jigs/fixtures during the life cycle of allocated systems.

Job Description (Tasks, Responsibilities & Duties)

Design:

- In collaboration with Engineers/Design Authority generate/update product documentation (detail/assembly drawings, parts lists, etc.);
- Assist Engineers to generate product support documentation (jig drawings, jig usage and maintenance documents, assembly instructions, etc.);
- In collaboration with Engineers, generate/update non-product support documentation (general facility equipment drawings, usage instructions, etc.), related to development, manufacturing, & facility requirements;
- In collaboration with Engineers, generate concepts/models for continuous improvement of current manufacturing processes.

Execution and testing development of hardware/process

- Assist Engineers with continuous improvement of existing products/processes (test equipment manufacture, test execution, report writing, etc.);

Construction of jigs, fixtures:

- Assist with procurement, manufacture and assembly of jigs as required by Engineering/Manufacturing;

Maintenance:

- Assist with facility equipment maintenance;
- Maintains functional mechanical workshop (Tools, Equipment, Materials, etc.)

Administration:

- Assist with stock code creation entries;

Job Specifications (qualifications, skills, knowledge and abilities)

Critical Requirements:

- ND in Mechanical Engineering and/or three years related experience;
- At least 1 years' experience, preferably in a mechanical development environment;
- Proficiency with Microsoft Office and Excel experience in a technical manufacturing environment;
- Intermediate working knowledge with SolidWorks (CAD package);
- Intermediate draughting knowledge;
- Proficiency with Microsoft Office Word and Excel experience in a technical manufacturing environment;
- Drivers' license (Code B minimum required).

Advantageous Requirements:

- Proficiency in Mechanical Engineering environment (Hand tools skills);
- Basic understanding of electro-mechanical application (including programming);
- Basic understanding of electrical application.

Please forward your CV to martin.duplooy@stagezero.co.za

Closing date for submissions is 31 March 2023