

Mechanical Draughtsman (SolidWorks)

Location: Centurion, Gauteng

Employment Type: Full-Time

About the Role

We are looking for an experienced and detail-oriented **Mechanical Draughtsman** to join our team in Centurion. The successful candidate will play a key role in developing production-ready designs, managing CAD data, and supporting projects from concept through to manufacture.

Key Responsibilities

- Produce detailed manufacturing and fabrication drawings using **SolidWorks**
- Create and maintain **sheet metal** components and flat patterns
- Develop and maintain **complex assemblies**
- Manage and administer the **SolidWorks PDM Vault**
- Produce high-quality **renderings** of components and assemblies
- Establish, maintain, and update **Bills of Materials (BOMs)**
- Ensure drawing revisions and engineering documentation are accurately controlled
- Coordinate and manage engineering projects to meet deadlines
- Liaise with production, procurement, and engineering teams to ensure design intent is achieved
- Assist with continuous improvement of design processes and documentation standards

Minimum Requirements

- Relevant Draughting or Mechanical Engineering qualification
- Proven experience as a Mechanical Draughtsman using **SolidWorks**
- Strong experience with:
 - Sheet Metal Design
 - Assembly Modelling
 - Detailed Manufacturing Drawings
 - BOM Creation and Management
 - SolidWorks PDM/Vault Management
 - Rendering
- Good understanding of manufacturing and fabrication processes
- Excellent attention to detail and organisational skills
- Ability to manage multiple projects simultaneously and meet deadlines

Advantageous

- Experience in a manufacturing or engineering environment
- Knowledge of ERP integration with BOMs
- Project management experience
- Experience with weldments and fabrication drawings

Personal Attributes

- Strong problem-solving ability
- Self-motivated and proactive
- Excellent communication skills
- Team player with the ability to work independently
- Committed to producing high-quality work

Location: Centurion, Gauteng (office-based)