

**Title of the Position:** Mechanical Engineer

**Location:** Firgrove Industrial Estate, Macassar, Cape Town

**About Ulmo Water:**

Ulmo Water is an EPC contractor in the water and wastewater treatment industry. We offer decentralized water and wastewater treatment products to the South African and African market. At Ulmo Water our approach to solving a problem is encapsulated in the philosophy of Build to Last. Our team believes in putting into practice, great design coupled with great execution.

**Job Description:**

This is a full-time, on-site role located in Firgrove Industrial Estate, Macassar, Cape Town. We are looking for a Mechanical Engineer that will form part of the production team to design and manufacture water and wastewater treatment components. The role will involve designing the mechanical components used in water and wastewater treatment. This includes, media filtration, membrane processes, DAF, MBBR and MBR package plants.

The ideal candidate should have a strong interest in manufacturing processes which would dovetail with an ability to design components in 3D and create manufacturing and assembly drawings. The candidate should have experience, and interest in further developing his skills in the manufacturing process in the water treatment industry.

Job Title: Mechanical Engineer

Location: Firgrove Industrial Estate, Macassar, Cape Town, South Africa

Line Manager: Production Manager

### **Key Responsibilities:**

- Mechanical design of custom pieces of process for water and wastewater treatment
- Reading and interpretation of P&ID's
- Design mechanical components from P&ID
- Generation of plant layout drawings
- Generation of pipe routing and support drawings
- Generation of skid or containerized plant 3D models for review
- Implement best practices for steel fabrication, (Mild & Stainless steel)
- Review manufacturing processes
- Optimize steel fabrication processes
- Fill in for the Project Manager when requested

### **Qualifications and requirements;**

- BSc / B Eng / B.Tech (Mechanical)
- 3 years relevant experience in CAD mechanical assemblies and steel fabrication
- Team player to fit in a young and dynamic work environment.
- Valid driver's license
- Result oriented
- Innovative thinker
- Entrepreneurial mind-set
- Focuses on technical problem resolution;
- Work within a multi-disciplinary team;
- Strong communication skills.

### **How to Apply:**

Send applications to [hring@ulmowater.co.za](mailto:hring@ulmowater.co.za) (Closes 4 March 2024)