



## Job description: service engineer

**About Aquest Colsen:**

Aquest Colsen is a South African company with offices in Durban, Port Elizabeth and Cape Town, specialised in water and waste water treatment, biogas production from waste streams and nutrient recovery. Aquest Colsen is part of the Dutch Colsen group. Our company is expanding our team and seeking to employ a Service Engineer. The process engineer will have the ability to play an important role to the company's success by contributing to the operational success of our solutions for our clients. We are looking to employ a service engineer who is wishing to build long term relationships with both our clients and us as employer, fit well with our team and wishes to be part of the exiting growth path of us as a company

**Location of job:**

The Service Engineer will operate from our office in Strand, Western Cape.

**Location in company structure:**

Service department. The engineer reports to the Service Manager, located in Cape Town

**Objective/target of the job:**

The operations, maintenance and fault finding & solving of water treatment plants in the Western Cape Province.

**Responsibilities:**

The service engineer is responsible for the maintenance of various water treatment plants which Aquest Colsen has installed for our clients in the Western Cape. The service engineer is responsible for all maintenance tasks assigned for the specific client, the reporting of activities and values in service reports and log files, and fault finding and problem solving in case irregularities occur. The responsibility of the service engineer is to ensure the plant(s) run without any errors in stable condition.

**Core tasks**

Core tasks:

- Inspection of the electrical and automation status of the plant and correction of any irregularities which can occur.
- Inspection of the mechanical status of the plants and correction of any irregularities which can occur;
- Adherence of a pro-active and preventive approach with regards to maintenance of equipment;
- Inspection and re-filling of chemical dosing stations;
- Sampling and testing of water;
- Drafting maintenance reports;
- Drafting performance / status reports;

Other tasks:

- Making small modifications to piping systems if required.
- Assistance during construction phase with projects in the Western Cape
- Assistance with pilot research on site with our clients;

**Educational and Experience background:**

- National Diploma in Electrical.
- Basics in PLC Programming and fault finding.
- Managing or supervisor background of service staff.
- Experience with analytical testing.
- Experience in the water industry is preferred.

<ul style="list-style-type: none"> <li>- Must be familiar with different water treatment solutions, operation logic thereof.</li> </ul>
<p><b>Behavioural skills / competences:</b></p> <ul style="list-style-type: none"> <li>- Analytical</li> <li>- Reliable</li> <li>- Assertive</li> <li>- Independent</li> <li>- Good social/ communication skills</li> <li>- Cooperation</li> <li>- Good oral and written expression skills</li> <li>- Result driven</li> </ul>
<p><b>Specific knowledge:</b></p> <ul style="list-style-type: none"> <li>- Computer skills: MS Office</li> <li>- Knowledge and certificates HSE</li> <li>- English language</li> </ul>
<p><b>Other requirements:</b></p> <ul style="list-style-type: none"> <li>- No criminal record</li> <li>- In possession of a valid driver's licence, code B.</li> </ul>
<p><b>Experience:</b></p> <p>5+ years' experience as service engineer in the field of industrial process installations with emphasis on automation of plants. The service engineer must be able to work with most common types of PLC's, understand logic diagrams and the link between the automation and electrical power distribution and control of industrial plants.</p>
<p><b>Remarks:</b></p> <p>The engineer must be willing to assist with other tasks within the company, in case there is a special requirement for such.</p>

For enquiries regarding this vacancy, please contact mr. Christ van Schaijk (082 564 9508) or mr. Dirk Swart (079 871 8947)