

## **GUYANA WATER INC.**

### **JOB DESCRIPTION**

<b>Job Number:</b>	OPS - 014
<b>Job Title:</b>	Plant Operator
<b>Location:</b>	Regions
<b>Department:</b>	Operations
<b>Reports To:</b>	Production/Distribution Supervisor
<b>Supervises:</b>	No supervisory responsibilities
<b>Purpose:</b>	To provide for the operation of the Region Water Treatment Plant in the abstraction treatment, and storage of potable water for distribution to customers.

### **MAIN DUTIES AND RESPONSIBILITIES:**

- To operate pumps and valves to regulate the flow of raw water to the plant and determine rate from appropriate measuring devices.
- To operate chemical dosing and clarifier pumps in accordance with operating procedures.
- To carryout regular checks, clean strainers and wash filters as required during a shift.
- To charge chemicals including aluminum sulfate, ammonium sulfate, hydrated lime and chlorine, for the treatment of water.
- To administer water quality-monitoring tests including colour, ph etc. and maintain accurate records of results. Ensures that the final water quality complies with the approved standard.
- To monitor ground storage tank water level and advise Pump Station Operator to adjust outgoing pressure where necessary.
- To desludge raw water sedimentation tanks as per operating instructions.

- To receive, record and account for all base materials, tools, spares etc. handed over for use at the plant.
- To assist with maintenance and repair activities being undertaken at the plant.
- To record all aspects of operations during a shift on the prescribed log sheet.
- To undertake routine maintenance of equipment such as checking and refilling of oil levels, greasing, servicing pump and valve glands.
- To observe good housekeeping, safety and health practices.
- To ensure that the established handing over/taking over procedures of responsibility for the plant are observed consistently.
- To perform other related duties and responsibilities consistent with the purpose and level of the post.

### **Qualifications and experience**

- Technician Certificate in Mechanical/Electrical Engineering.
- Three (3) years relevant experience.