

# SYED ALI HAIDER

## STP/RO PLANT OPERATOR

Address: Doha, Qatar

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Work Visa (Transferable with NOC)



## Executive Summary

Dedicated and a skilled professional Operator in Plant operations and maintenance with 4 years of experience in operating, maintaining, and troubleshooting sewage treatment and reverse osmosis systems. Proficient in monitoring plant operations, ensuring compliance with environmental regulations, and optimizing plant efficiency. Strong technical knowledge, problem-solving skills, and a commitment to safety and environmental sustainability.

## Professional Experience

❖ Metito Overseas , Doha Qatar

NOV 2021 - Present

Position: STP/RO Plant Operator/Shift Incharge

### Project:

**Naufar Wellness and Rehabilitation Center, Qatar (Dec 2023–Present)**

### Responsibilities:

- Operate and monitor sewage treatment and reverse osmosis plants to ensure efficient and safe operations.
- Supervise daily operations of sewage treatment plants (STP) and reverse osmosis (RO) systems, ensuring optimal performance and efficiency.
- Conduct regular inspections, maintenance, and repairs of plant equipment, including pumps, motors, filters, and membranes.
- Monitor water quality parameters and ensure compliance with regulatory standards.
- Train and mentor junior staff on plant operations, safety protocols, and troubleshooting techniques.
- Maintain accurate records of plant performance, maintenance activities, and inventory.
- Coordinate with contractors and suppliers for equipment procurement and repairs.
- Ensure adherence to health, safety, and environmental guidelines.
- Conduct routine inspections of equipment, including pumps, motors, filters, and membranes.
- Perform water quality testing and adjust chemical dosages to meet regulatory standards.
- Troubleshoot and repair mechanical and electrical issues to minimize downtime.
- Maintain accurate logs and reports of plant operations, maintenance activities, and water quality data.
- Ensure compliance with local, state, and federal environmental regulations.
- Assisted in the maintenance of STP and RO plants.

- Conducted routine cleaning and maintenance of filters, membranes, and other equipment.
- Monitored and recorded plant performance metrics, including flow rates, pressure levels, and chemical usage.
- Ensured adherence to safety and environmental guidelines.

## ❖ Project (Peral Qatar SWRO Plant )

JAN2023 – NOV2023

### Position: Plant Operator

#### Responsibilities:

- Managing high-pressure pumps to ensure optimal performance.
- Operating and maintaining water transfer pumps, feed pumps, and drain pumps.
- Monitoring pump pressure and making adjustments as needed.
- Handling and monitoring chemical stock levels.
- Performing chemical filling in designated tanks and systems.
- Ensuring the correct dosage of chemicals for water treatment processes.
- Replacing and maintaining cartridge filters to ensure efficient filtration.
- Monitoring filter performance and reporting any issues.
- Maintaining daily log sheets with operational data.
- Reporting any abnormalities or faults in the system.
- Ensuring smooth operation of water treatment processes.
- Following safety protocols and operational guidelines.
- Conducting routine inspections to prevent system failures.

## ❖ Project (Al-Wakra Pump Station/Sewage Treatment Plant)

NOV 2021 – DEC 2022

### Position: Plant Operator/Shift In-charge

#### Responsibilities:

- Operating and maintaining pumps, including submersible pumps, TSE pumps (Treated Sewage Effluent), and wet well pumps.
- Managing sand filters, blowers, and backwash systems for effective filtration.
- Monitoring and operating the screw screen system for solid waste removal.
- Handling PLC (Programmable Logic Controller) panels to monitor and control plant processes.
- Analyzing alarms and system alerts, troubleshooting issues as needed.
- Ensuring proper flow control and pressure adjustments to optimize performance.
- Managing chemical dosing systems to ensure proper treatment of sewage and water.
- Monitoring chemical stock levels and ensuring correct dosages are applied.
- Conducting regular checks on chemical dosing pumps and calibration.

- Training junior operators on plant operations, safety protocols, and equipment handling.
- Supervising shifts and ensuring that all team members perform their duties effectively.
- Conducting on-the-job training for troubleshooting common issues.
- Maintaining daily log sheets with plant performance data.
- Reporting any equipment malfunctions or process inefficiencies to the management.
- Coordinating with maintenance teams for repairs and servicing.
- Ensuring adherence to health, safety, and environmental (HSE) regulations.
- Conducting routine inspections and preventive maintenance.
- Implementing emergency procedures in case of system failures.

### **Technical Trainings and Proficiencies:**

- SCADA systems
- PLC (Programmable Logic Controller)
- Water quality testing equipment
- Microsoft Office Suite (Word, Excel, PowerPoint)

### **Languages:**

- Urdu (Native)
- English
- Punjabi
- Sindhi

## **Education Qualification**

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<b>Degree</b>	<b>Institute/ Board</b>	<b>Year</b>	<b>Class</b>
S.S.C	Sukkur Board Sindh	June-2019	First Class

## **Key Skills**

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- Operation and maintenance of STP and RO plants
- Monitoring and controlling plant processes ( biological treatment, filtration, reverse osmosis)
- Troubleshooting mechanical and electrical equipment
- Knowledge of water quality testing and analysis
- Compliance with environmental and safety regulations
- Preventive and corrective maintenance
- Team collaboration and communication
- Proficient in SCADA systems and plant automation
- Valid Qatar Driving license

## Declaration:

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I hereby declare that the above written particulars are true to the best of my knowledge and belief.

Syed Ali Haider