

YASIRU SIRIMANNA

📍 476/15, THAMBILIWATHTHA, MAL MAWATHA, KIRIBERIYA, PANADURA, SRI LANKA

✉ yasirurajitha11@gmail.com

☎ +94702606516

🌐 <https://www.linkedin.com/in/yasiru-rajitha-a7637336b>

OBJECTIVE

I'm looking for full-time work in the role of Treatment Plant Technician in the engineering industry.

PERSONAL STATEMENT

I'm an enthusiastic, self-motivated, reliable, responsible and hardworking person. I am a mature team worker and adaptable to all challenging situations. I am able to work well both in a team environment as well as using own initiative. I am able to work well under pressure and adhere to strict deadlines.

WORK HISTORY

National Water Supply and Drainage Board

Ratmalana, Sri Lanka
Jun 2025 - Present



Wastewater Treatment Plant Operations Technician

Operating of the Wastewater Treatment plant (SCADA /Manual)
Maintenance and repairing

- Analyze test results and instrument readings collect and test water samples for chemical and bacterial contents.
- Collect waste and sewage samples, test and analyze results, complete and maintain plant logs and reports.
- Mix chemicals, and operate equipment used to unload chemicals.
- Perform routine maintenance on pumps, filters, screens, and tanks. Clean equipment and facilities to prevent blockages or contamination. Troubleshoot mechanical or electrical issues.
- Maintain accurate logs of plant performance and operational changes. Report any abnormalities or equipment failures. Document chemical usage and inventory.
- Follow safety protocols, wear PPE, and ensure a safe work environment. Respond to emergency situations like overflows or equipment malfunctions.

National Water Supply and Drainage Board

Kurunegala, Sri Lanka
Nov 2014 - May 2025



Water Treatment Plant Operations Technician

Operating of the water treatment plant (SCADA /Manual) &
Maintenance and repairing of plumbing (chlorine gas / chemicals / water)

- organize monitor and attending to the all the processes which are related to smooth and continuous operation of the treatment plant.
- Monitoring and operation of the plant equipment.
- Carry out the jar test and other relevant lab test to adjust the quality of the drinking water.
- Maintain documentation of water quality data.
- Test the PH, RCL Turbidity, ETC, RAL, TDS of the water every one hour.
- Monitoring the smooth function of the mechanical, electrical and electronic equipment.
- Respond to customer complaints on water quality problems.

Irrigation department

Ratmalana, Sri Lanka
May 2013 - Oct 2014



Machinist

Maintenance and repairs irrigation system & machinist.

- To support work and Maintenance and repairs.
 - Reading industrial drawings,
 - Lathe, milling, drill machine operates.
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QUALIFICATIONS

Tertiary and Vocational Education Commission

Colombo, Sri Lanka

Completed 2026

National Water Supply & Drainage Board

Dehiwala, Sri Lanka

Completed 2026

Vocational Training Authority

Kurunegala, Sri Lanka

2023 - 2024

British Informatics of Computer Technology

Wellawatte, Sri Lanka

2011 - 2012

Industrial Engineering Training Institute

Moratuwa, Sri Lanka

2010 - 2012

National Apprenticeship and Industrial Training Authority

Rajagiriya, Sri Lanka

2010 - 2012

Water and Wastewater Treatment Plant Operation Technician (NVQ Level 4)

Practice workplace communication and interpersonal relations

Work in teams

Apply occupational literacy and numeracy

Practice occupational health and safety measures

Maintain water treatment plant performance

Perform water treatment plant start-up procedures

Maintain water quality standards and effluent quality standards

Perform water treatment chemical dosing process

Perform wastewater treatment process

Perform maintenance activities of electrical, mechanical and laboratory equipment

Maintain and monitor stocks

Skill Upgrading Course for Water and Wastewater Treatment Plant Operation Technician

Practice workplace communication and interpersonal relations

Practice occupational health and safety measures

Maintain water treatment plant performance

Perform water treatment plant start-up procedures

Maintain water quality standards and effluent quality standards

Perform water treatment chemical dosing process

Perform wastewater treatment process

Perform maintenance activities of electrical, mechanical and laboratory equipment

Maintain and monitor stocks

Plumber NVQ Level 04

Safety

Install and repair domestic water supply pipe lines & fix water pumps (PVC, PPR, HDPE)

Install and maintain domestic waste water and sewerage systems

Install sanitary and other fittings

Measuring

Prepare and lay metal pipes

Industrial drawing

Installation and maintenance of bathroom accessories

Diploma In Auto CAD

Machinist Special

Safety, (firefighting methods, Workplace safety)

Workshop practice (measuring, marking, sheet metal work, fitting, joining)

Technology (workshop practice & engineering materials related to the trade)

Technical mathematics

Technical drawing (Auto cad)

Measuring

Basic pneumatic & hydraulics Heat

treatment & material testing

CNC machine operate and programing, lathe/milling and drill machine operate

Tool & Cutter grinding

Machinist NVQ Level 04

Lathe operations

Drilling And allied operations

Grinding operations

Grind lathe tools and drill bits

Tool and cutter grinding operations

Shaping operations

Milling operations

Boring Operations on boring machines

TECHNICAL SKILLS

- Full Class 2 License
- Laboratory skills
- Operation Support
- Calibration of water quality equipment

PERSONAL SKILLS

Leadership

the action of leading a group of people or an organization.

Active worker

person is working for the Participating Employer and is physically and mentally able to perform the normal duties of the job.

Team worker

professional who collaborates effectively with their colleagues on group projects or team goals.

Time management

Time management is the process of planning and exercising conscious control of time spent on specific activities.

Effective communication

Effective communication is the process of exchanging ideas, thoughts, opinions, knowledge, and data so that the message is received and understood with clarity and purpose.

Swimming

Swimming is an activity that involves moving through the water using your arms and legs. Swimming is both a casual activity and a serious sport.

INTERESTS

- Water treatment development
- Hiking
- Traveling
- Watching cricket match

REFEREES

Charuka Liyanage

Port Engineer - Svitzer Sohar LLC Muscat, Oman

✉ charuka.liyanage@svitzer.com

☎ 0096892505260

Anoja Senanayake

Engineer Assistant - National Water Supply and Drainage Board

☎ +94714408687