

Karim Edriss

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Professional Summary

Experienced operation and maintenance supervisor with over 16 years of desalination and water treatment experience. Proven expertise in MEP work, including installation, testing, commissioning, and maintenance. Capable of managing electromechanical equipment including pumps, motors, air blowers, valves, filters, and membranes. Certified lifting supervisor with a strong focus on safety protocols and team leadership.

Professional Experience

Metito Overseas Qatar, Doha, Qatar

Operation and Maintenance Supervisor, 2010–Present

- Supervise the installation, testing, commissioning, and maintenance of electromechanical equipment, including pumps, air blowers, compressors, and valves.
- Lead preventive, corrective, and emergency maintenance schedules to ensure equipment reliability and performance.
- Enforce strict compliance with HSE procedures like Permit to Work (PTW), Lockout Tagout (LOTO), and Toolbox Talks (TBT).
- Coordinate with cross-functional teams for spare parts procurement and oversee fabrication work to maintain quality standards.
- Collaborate with maintenance engineers to develop and manage preventive maintenance schedules.

Education

Diploma of Commerce, Commercial Technical Institute, Alexandria University, 2004.

Certifications

- Lifting Supervisor Certificate from ENERTECH QATAR (Accredited by LEEA)—2020.

Key Skills

- Pump Knowledge: Flygt, Grundfos, Ebara, ABS Sulzer, KSB, Lowara, and Chemical Dosing Pumps.
- Air Blower Knowledge: RKR, Mapner, Robuschi, and Aerzen.

Specific Project Experience

1. Barwa Saliya PTP, Qatar, Ashghal: Wastewater Treatment Plant, 1000 m3/day.
2. Shahanaya PTP, Qatar, Ashghal: Wastewater Treatment Plant, 1500 m3/day.
3. Ghazal PTP, Qatar, Ashghal: Wastewater Treatment Plant, 1000 m3/day.
4. Slaughterhouse PTP, Qatar, Ashghal: Wastewater Treatment Plant, 800 m3/day.
5. Duhail PTP, Qatar, Ashghal: Wastewater Treatment Plant, 800 m3/day.
6. QDSBG PTP, Duhail, Qatar; QDSBG Wastewater Treatment Plant, 1600 m3/day.
7. Barzan Amiri Guard PTP, Qatar, Ashghal, Wastewater Treatment Plant, 3000 m3/day.
8. Al Jeryan Farm PTP, Qatar, Ashghal: Wastewater Treatment Plant, 300 m3/day.
9. Pearl Qatar SWRO-QQatar, UDC-RRO Plant, 35,000 m3/day.
10. Durrat al Bahrain SWRO Plant, Bahrain; Durrat Al Bahrain RO Plant, 4000 m3/day; installation, commissioning.
11. Grand Hotel Hurgada, Egypt; Grand Group; RO Plant, 1000 m3/day.
12. Citadel Azur Resort, Egypt; Azur Group; RO Plant, 500 m3/day.
13. Sahl Hasheesh, Egypt, RO Plant, 10000 m3/day.
14. AL Batros Hotel, Egypt; AL Batrs Group; RO Plant, 1700 m3/day.
15. Travco Golf, Egypt; RO Plant, 8000 m3/day.