

Job Announcement: Control Room Engineer – Water

The position is reserved for **MALE** UAE Nationals with Family Book.

The communication at work is 100% in English and therefore, they must be fluent.

Location: Mirfa International Power & Water Company (MIPCO), Mirfa, Abu Dhabi, UAE

Purpose:

Operate and control the Desalination (RO) Plant from the Central Control Room to ensure safe, reliable, and efficient potable water production in compliance with safety, environmental, and operational standards.

Key Responsibilities:

- Operate and monitor the RO plant via DCS.
- Perform RO rack start-ups, shutdowns, and equipment changeovers.
- Monitor membrane performance (permeate flow, conductivity, salt passage, differential pressure).
- Coordinate with Maintenance and Shift Manager for isolations and maintenance activities.
- Ensure compliance with safety, environmental, and quality procedures.
- Prepare shift, performance, and incident reports; support root cause analysis.
- Liaise with Water Control Centre (WCC) for water dispatch and demand coordination.
- Support team training and Emiratization initiatives.

Qualifications & Experience:

- Bachelor's Degree or Higher Diploma in Engineering (Mechanical, Electrical, Chemical, or related field).
- Minimum 5 years' experience in water/desalination plant operations.
- Experience in RO systems, CIP, chemical handling, and plant start-up/shutdown activities.
- Fluent in English.

Behavioural Traits:

- Safety-conscious and detail-oriented.
- Strong problem-solving and decision-making skills.

- Calm under pressure and team-oriented.
- Committed to operational excellence and continuous improvement.

Working Hours:

Shift-based role with flexibility for emergency response.

Join MIPCO's Operations Team and contribute to delivering reliable potable water to the community.

Submit documents: recruitment@mipco.ae