

Contact HR Consultant for CV No: 340344

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* **SUMMARY OF EXPERIENCE:**
* Over 18 years of experience in operations and maintenance of water treatment plants:
* Potable water treatment plants (SWRO [Seawater desalination]).
* Industrial water treatment plants (Demin, UltraPure Water[UPW] and wastewater).
* Experience in Pre and post plant test and commissioning for treatment plants.
* Plants operations & maintenance activities (manpower, plant optimizing, maintenance planning, cost control and OPEX )
* In-depth knowledge in Dissolved Air Floatation (DAF),Ultra-Filtration(UF),Reverse Osmosis (RO), EDI (CEDI), Water Softening, De-Gasifier system (MDG), Re-Mineralization and related plant processes
* Experience in cost control, optimizations and efficiency of plant system performances.
* Experience in document preparation, implementation, certification, sustain and recertification audit
* Team management with strong interpersonal skills
* **WORK EXPERIENCE**

**March 2014 till April 2016:**

**Operations Shift Engineer**

**Marafiq-Sour Power & Utility O&M, Al-Jubail** (**Kingdom of Saudi Arabia**)

Scope of Works:

* Plant pre commissioning and commissioning start up.
* Pre-Operation plant spare-parts preparations.
* Initiate plant operating procedures for the plant.
* Manage operation team of SWRO desalination treatment plant (capacity : 100,000 m3/Day)
* Implement and sustain EHS system; undertook planning preventive/breakdown; comply with safety requirements; inventory management; coordinated vendor performance to implement plans.

**December 2012 to January 2014:**

**Hyflux Water Engineering, Singapore**

**Operations & Maintenance Senior.Engineer**

Scope of Works:

* Supervise water treatment plant operations and maintenance for SWRO desalination water treatment plants for Hyflux Engineering (capacity : 30 MIGD – 137,000 m3/Day)
* Implement and sustain EHS and HACCP systems; undertook planning preventive/breakdown; comply with safety requirements; inventory management; coordinated vendor performance to implement plans.
* Preparation on the mobilization documentations and training for new plant of 70 MIGD (400,000 m3/D).
* Generate daily, weekly and monthly plant performance reports to client (Singapore Government).
* Manpower planning for existing and new plants.

**June 2003 to November 2012**

**VEOLIA WATER O&M (Singapore/Malaysia)**

**O&M Sr.Engineer/Superintendent**

Scope of Works:

* Supervise water treatment plant start-ups, commissioning and operations and maintenance for purified water and physical-chemical wastewater treatment plants for client (capacity: 1000 m3/hr).
* Documents prepare, implement, certification, sustain and audit of systems.
* Planning predictive/preventive/breakdown maintenance activities.
* Supervise project executions to improve systems for reducing costs; complied with safety requirements; determine procurement planning, inventory management; coordinated vendor performance to implement plans.
* Generate daily/weekly/monthly/yearly plant performance reports for client and Asia Pacific HQ.
* Conduct cost reviews of design, labors, material planning for plant O&M, develop performance parameters, specification criteria, handle contractors/vendors and interface with client representatives.

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**January 1987 to May 2003**

**Nippon Precision Technology (Malaysia)**

**Senior Executive**

Scope of Works:

* Supervise the operations and maintenance of DI water purification plant, waste water treatment plants and production lines.
* Implement system; liaise with DOE authority on effluent discharge and initiated widespread improvements in quality, volume and cost of plant operations.
* Fulfill production targets; achieve desired improved water quality.

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* **EDUCATION**

**January 1984 to December 1986**

**Diploma in Electrical Engineering [Power]**

**University Technology MARA Malaysia**