

Case Reference IP-1011 – Khoms Alperton SWRO for Naval Base

Supply & Installation of HDPE Pipe for Firefighting Network Phase 1 & 2

Client: **Aquatech Ltd.**

Location: **Khoms Naval Base**

Product: **Sea Water RO Desalination Plant**

Design: **2 x 500m³/Day**

Application: **Drinking**

Year: **2011**

Scope:

- **Engineering & Design** – Technical drawings, compliance with Sea Water RO system standards, risk assessments.
- **Procurement & Fabrication** – SWRO membranes, filtration units, pumps, dosing systems, QA/QC inspections.
- **SWRO System Installation** – Assembly of pre-treatment (carbon filters), RO membranes, and post-treatment units.
- **Instrumentation & Control** – Automatic Control, Monitoring sensors, and calibration of flow/pressure transmitters.
- **Commissioning & Handover** – Performance testing, water quality validation, and final documentation.

