

Building Type

Industrial

Project Highlights

- 2,640 m³/day water treatment for providing process water
- Reject (TDS < 1,200 ppm) used for condenser water heat rejection
- 300 m³/day waste water treatment
- 30,000m² factory area mechanically ventilated
- VAV – all air system in offices.
- 160 m³/sec of make up air for plant area
- Over 2 km of bus bars used in power distribution
- BMS for monitoring & control of all MEP

Architect / Project Manager

- Kalavaal /Hepher Project Management



Mario Associates provided the complete MEP Engineering & design & provided supervision of the installation carried out on fast track basis.

The client produces hi-end non-alcoholic beverages like Coca-cola, Rani, Barbican, Vimto etc. at this plant. Stringent requirements of water quality required for process met with 2-stage RO plant with pre and post treatment.

R.O. plant reject is used for irrigation.

Waste water is treated in a extended aeration facility & the treated effluent used for site wide irrigation.

Mario Associates provided the complete power distribution for small power, process equipment, lighting & ELV systems. Total 12KVA power distribution.

The staff accommodation located in separate premise was simultaneously executed & provided with chilled water system for providing cooling requirements of all factory staff.

