

Building Type

Industrial Laundry

Building Type

4,000m² process area

Project Highlights

- 60 Tons of Linen/day
- Primary/Secondary chilled water pumping
- 52 l/s peak process water demand
- 4 l/s of 15°C process water demand
- Hi, Med & Lo pressure steam supply & condensate piping for process from boilers to condensate system.
- 2 x 150 HP diesel powered steam generators.
- 6,000 l/s of conditioned fresh air for process.
- 666KW cooling
- Compressed air for process
- Bulk diesel storage, pumping & distribution system.
- Foam, FM200 & sprinklers for FF system.

Client :

Cleanswift, Dubai, UAE



Mario Associates provided the complete engineering design, installation supervision & project management/contract administration of the 60,000kg/day linen processing facility.

Mario Associates engineered & designed the complete MEP requirements from bulk diesel storage to fuel pumping & distribution of diesel fuel for operation of the steam generating boilers; the steam distribution as hi, med & lo pressure lines with appropriate collection & return of condensate; the compressed air requirements of the process equipment; the water treatment & distribution system including conditioning to meet process requirements; conditioning of ventilation air for process; the domestic & process plumbing piping network, distribution and the fire fighting system etc. mechanical services

From the sub-station to all LV distribution including all process equipment wiring etc. The design & engineering and installation supervision provided by Mario Associates.

As the civil work were already completed, Mario Associates managed the procurement & the delivery of the MEP services of the project provided alongwith contract administration & served as "Engineer"(FIDIC) on project.

