

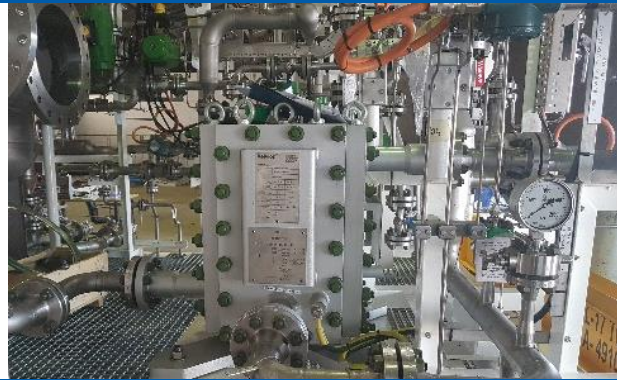


Client: PROXA Water

## Project Brief

**Project:** Fabrication, assembly, and testing of a Purification Unit and Transfer Skid for the removal of non-regenerable salts and fine particulates that accumulate in a lean absorbent fluid. Project completed in a project dedicated workshop.

**Location:** 3C Metal, South Africa, Cape Town



## Scope

- ▶ S355 frame fabrication (+/- 7 tonnes with outside dimensions of 7900x4100x3700 mm).
- ▶ SS316 frame fabrication (+/- 0.25 tonnes).
- ▶ Stainless steel 316 pipe fabrication (131 spools from 0.5" to 6" pipe diameters).
- ▶ Equipment installation (Including a Caustic tank, Ion Exchange column, Heat exchanger, Pumps, Filter, and valves).
- ▶ Plant assembly and function test.
- ▶ Installation of instrumentation.
- ▶ NDE (RT, MPI, LPI, PMI, Ferrite).

## Achievements

- ▶ Management of a full project cycle.
- ▶ Successful integration of fabricated structure and piping with free issue equipment and instrumentation.
- ▶ Complete interfacing of mechanical product with electrical and instrumentation systems.
- ▶ Adherence to high quality end client petrochemical specifications.
- ▶ Project quality target met.



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