

Qatofin petrochemicals complex

Water intake, pumping station and outfall



Country
Qatar

Client
Qatofin (Qapco and Total Petrochemicals)

Date
2003-2008

Cost of works
\$50m

Sogreah's services

- ▶ Design Services
- ▶ Works supervision

Description / Particularities

- New ethylene production complex at the Messaiid site;
- Production capacity 865,000 t/yr in 2008 increasing to 1,715,000 t/yr by 2015;
- Pumping station: 5.4 MW and 8 m³/s;
- Sea water intake through the quay;
- Outfall consisting of a 2000 mm diameter pipe, 700 m long with a diffuser at -15 m.

Detailed services

- Review of pumping station design.

For the water intake, pumping station and outfall:

- Preliminary design;
- Detailed design;
- Competitive bidding documents;
- Bid assessment;
- Supervision of works.