

**Country**

Iran

Client

Technip/Mobin

Date

2000-2002

Cost of works

€100m

Sogreah's services

► Design Services

Description / Particularities

- Common water intake and outfall structures for all the plants in the complex;
- Sizing for a maximum discharge of 93 m³/s;
- Water intake situated at -30 m;
- Feeder pipes consisting of square culverts 1000 m long with 3.6 m sides;
- Discharge through two 1600 m pipes at an elevation of -24 m (actual discharge will take place in an open channel).

Detailed services

- Study of wave conditions and longshore drift;
- Modelling of currents and temperature for different configurations;
- Evaluation of recirculation and environmental impact;
- Comparison of the various water intake and outfall solutions;

- Hydraulic and stability calculations for the intake culverts and diffusers;
- Detailed design and technical specifications;
- Tender documents in EPC form.