

## CASE STUDY 22

Client: Orascom Construction Industries, Egypt  
End User: Ministry of Electricity and Renewable Energy  
Project: New Assiut Simple Cycle Power Plant  
Products: ANS Shell & Tube Heavy Fuel Oil Heaters  
Date: April 2015

### Project Description

We were approached by our agents in Egypt to design and manufacture 10 off shell and tube heat exchangers for the heating of heavy fuel oil for a new power plant in Egypt. Each unit was to heat oil with a heat input of 1900 kW, and each unit was installed on the suction outlet of a 500,000 litre oil storage tank.

Each unit was manufactured in accordance with ASME IV and TEMA requirements and was supplied with NDT testing. The shells were manufactured from carbon steel with the heater tubes manufactured from stainless steel 316L. All units were manufactured in Halifax, UK, and exported to Egypt

