Mobile Water Services provides Commissioning Water and Chemical Clean for Engineering House, Konin, Poland

Power | Case Study

**Engineering House**

**Konin Poland:** Our customer is one of the leading engineering and construction groups in the world. Providing EPC and EPCM services in a variety of industry sectors, including oil and gas, environment and water, infrastructure and power, our customer inquiry in this instance concerned the commissioning of a new power plant extension.

**Key Figures**

- Headquarters in Montreal, Quebec, Canada
- 40,000 employees
- Presence in 50 countries

**Mobile Water Services**
Whittle Road, Meir, Stoke on Trent, Staffordshire, UK
Tel: +44 (0) 203 567 7548
+44 (0) 203 567 7517
[www.mobilewaterservices.com](http://www.mobilewaterservices.com)

**The Client’s Needs**

Veolia Mobile Water Services received a request from a customer to supply 800 MW extra high pressure boiler for a plant extension. The contract was based on an full service and mobile plant supply.

Due to the fact that the surface water was from a lake located nearby the coal boiler plant Mobile Water Services had to resolve two main difficulties in terms of pre-treatment: 1) seasonal summer bacteria growth, high solids and iron raw water content at the date of planned commissioning 2) the high net flow capacity rate of 120 m3/h either 175 m3/h during the beginning of the project.

**The Solution**

Using Veolia Mobile Water Services **MORO and MODI** technologies the customers requirements could not only be met but exceeded:

- **MORO-60T:** Mobile Reverse Osmosis trailer providing >95% rejection of ions from the town mains feed water
- **MODI-15000T:** Mobile De ionisation trailer to further reduce the ion content providing a conductivity of <0.1 µS/cm

**Benefits**

- **Process Capacity:** Delivery, connection and commissioning of a double reverse osmosis skid producing continuously 120 m³/h of 01.µS/cm demineralized water.
- **Service Quality:** Technical staff trained to specific speciation for industrial chemical environment
- **To Budget:** MWS project is done within customer’s budget