



## Pump Station Shoaiba Jeddah – Saudi Arabia

**Order Description:** Commissioning of Electrical System  
**Client:** ABB AG  
**Volume:** 580,000 Euro  
**Period:** 2008 - 2010

**Scope of Work:** Autonomous and independent supervision incl. protocols of the following components:

### Main pump station Shoaiba:

- > 28 pcs. LV-switchgears 13.8 KV
- > 3 pcs. HV-transformers 63 MVA 380/13.8 KV
- > 3 pcs. LV-transformers 1000 KVA
- > 3 pcs. transformer protection systems
- > 8 pcs. HV-motors
- > 3 pcs. Motor Starters
- > 5 pcs. LV-switchgears 0.4 KV
- > 11 pcs. LV-sub distributions
- > 1 pcs. UPS-system
- > 1 pcs. Batteries

### Booster pump station:

- > 20 pcs. MV-switchgears 13.8 KV
- > 2 pcs. LV-transformers 630 KVA
- > 8 pcs. HV-motors
- > 3 pcs. LV-switchgears 0.4 KV
- > 7 pcs. LV-sub distributions
- > 1 pcs. UPS-system
- > 1 pcs. Batteries