

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 9 years hands-on experience working in operation and start-up at Sidi Krir Power Station.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/11/1988
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Menoufia University, 2010

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet

TRAINING COURSES AND CERTIFICATIONS

: Power Transformer electrical protection training course in Abu Qir Training Center.
: Training at Sidi Krir Power Station 1 & 2.
: Trainings at Cairo Petroleum Refining Company (2 months in summer 2007 & 2008).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Oct. 2012 till now
Employer : Egyptian Electricity Holding Company
Project : Sidi Krir Power Station (2x320MW)
Job title : Operation Engineer
Job Description :

- Conversant with: Unit start-up and shutdown procedures - Monitoring parameters - Testing the equipments - Isolation and de-isolation procedures - Safety work permit system.

- The above mentioned is done for:
 - (320MW for each unit - SIEMENS) steam turbine and its related auxiliaries.
 - (320MW for each unit - SIEMENS) generator and its related auxiliaries.
 - (1023 Ton/H - Babcock Wilcox) boiler and its related auxiliaries.
- Safe operation for (2 x 5000 ton/day) MSF desalination plant.
- Sidi Krir auxiliaries including:
 - Condensate system and condensate pumps.
 - Feed water system (FWPT boiler feed pump turbine).
 - Circulating water system and circulation water pumps.
 - Service water system.
 - Closed cooling system.
 - Instrument and service air system.
 - Sump pumps.
 - Fire alarm and Fire fighting system (with water and FM200).
 - Cooling water intake equipment (sluice gate, travelling screen).
 - Chemical treatment of water and sampling systems.
 - Fuel Oil treatment system.
 - Potable water system.
- I can deal with hydraulic control systems.
- I can deal with different types of valves (motorized, hydraulic, pneumatic).
- I can deal with different types of compressors.
- I can deal with black out (emergency trip (shut down)) and starting the power station from dead point.
- I have also a good knowledge in transformers with different voltage levels up to 500KV.
- Dealing with all Schemes for Switchgear Drawing (500KV – 220KV – 6KV – 380 V) for: SIEMENS – AREVA – SCHNEIDER.
- I have also a good knowledge in excitation, synchronizing system, load control and grid synchronizing.
- Dealing with electrical protection relays such as: SIEMENS (7UT612 - 7UT613 - 7UM622).