

Holds B. Sc. and M. Sc. in Mechanical Engineering. Has about 10 years hands-on experience in commissioning, start-up and operation.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 18/11/1978
Gender : Male
Marital Status : Married
Residence : El-Behira

EDUCATION

: B. Sc. in Mechanical Engineering, Alexandria University, 2003
: M. Sc. in Mechanical Engineering, Alexandria University, 2012

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: West Delta Electrical Production Company, operation of combined cycle, Abu Qir, Mar. 2007.
: Middle Delta Electrical Production Company, component & operation of combined cycle, Nubaria Power Station, Aug. 2007.
: Basic operation / maintenance training (STF HRSG), Milano – Italy, May/Jun. 2009 (160 hours).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jun. 2013 till now
Employer : Power Generation Engineering and Service Company (PGESCO)
Project : Giza North Project (Combined Cycle 2250MW):
Three modules, 6 GE Gas Turbines 9FA, 6 Heat Recovery Steam Generators (HRSG) manufactured by STF, 3 Steam Turbines manufactured by Ansaldo.

- Job title** : Commissioning, Start-up & Operation Engineer
- Dates** : From Dec. 2012 till Jun. 2013
- Employer** : Middle Delta Electricity Production Company
- Project** : Nubaria III Power Station 750MW Combined Cycle
(2 Gas turbines (GE 9FA) + 2 HRSG (STF) + 2 Steam turbines (Alstom))
- Job title** : Operation Supervisor Engineer
- Dates** : From Apr. 2011 till Dec. 2012
- Employer** : KHARAFI NATIONAL Company
- Projects** :
 - West Damietta Power Station 4x125MW GE (frame 9E – Mark VIe), Fast Track Project
 - El-Shabab Power Station 8x125MW GE (frame 9E – Mark VIe), Fast Track Project
- Job title** : Mechanical Commissioning Engineer
- Job Description** :
 - Confirm mechanical completion of all installation.
 - Manage interface between the different vendors, suppliers, subcontractors.
 - Support scheduling for optimized construction progress to enable optimized phased handover from construction to commissioning.
 - Accept packages from construction (mechanically complete, visual inspection, pressure test and other construction tests are complete).
 - Commissioning, start-up and operation for 12x125MW GE (frame 9E).
 - Commissioning, start-up and operation for balance of plant (BOP).
- Dates** : From Apr. 2008 till Apr. 2011
- Employer** : Middle Delta Electricity Production Company
- Project** : Nubaria III Combined Cycle Power Station (750MW)
- Job title** : Commissioning, Start-up & Operation Engineer
- Job Description** :
 - As OWNER Representative Mechanical Engineer responsible for:
 - Commissioning, start-up and operation of gas turbine GE 9FA (2x250 MW).
 - For STF HRSG boilers:
 - Perform the chemical cleaning according to procedures for condensate system & feed water system.
 - Perform the steam blow-out activities for HP steam, HRH & CRH steam, LP steam lines.
 - Commissioning, start-up and operation for steam turbine ALSTOM (250MW).
 - Perform the sequence test for the following systems (CP-118):
 - Condensate system & condensate pumps.
 - Feed water system (LP, HP/IP) & FWP's.
 - Circulating water system & CW pumps.
 - Service water system.
 - Closed cooling system.
 - Instrument and service air system.
 - Potable water system.
 - Cooling water intake equipment (sluice gate, traveling screen).

- Record the commissioning data for all systems mentioned previously.
- Report and advise the daily activities for all systems mentioned previously.
- As Owner Operation Engineer responsible for:
 - Conducting all preparation steps of units in field to realize permissive for start-up from control room such as (filling line of water free of bubbles, all safety valves ready, coolers in service, all skids of hydraulic and pneumatic ready, fire fighting ready, all electrical power source ready position of motorized valves in auto mode and ready to work locally, all manual valves before and after control and motorized valves shall be open, etc.
 - Responsible of start-up, operation, remarking alarms of units from control room and solve operation problems.
 - Survey in field for more check and confirmation of safe operation of equipment.

Dates : From 2005 till 2008

Project : Nubaria 1 & 2 (1500MW) Power Station

Job title : Shift Engineer

Job Description :

- 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:
 - 4x250 Siemens gas turbines (V94.3A2).
 - 4 ALSTOM HRSG.
 - 2x250 Mitsubishi steam turbines.
- And also done for:
 - Condensate system & condensate pumps.
 - Circulating water system & circulation pumps.
 - Feed water system & pumps.
 - Sump pumps.
- Follow up (combustion inspection – HOT PATH – MAJOR Inspection) for gas turbine.

Dates : From 2003 till 2005

Job Description : Maintenance of internal combustion engine.

Field of experience :

- Excellent mechanical skills and working to strict deadlines within technically demanding environments. Major projects of power plant have includes installation for gas turbine, steam turbine, boilers and related auxiliaries. All aspects of commissioning, start-up and operation for all mechanical equipments (static and dynamic) to be according client contract specification and manufacture requirement. Understanding of P&ID drawing and pipe line installation commissioning, under & above ground piping, pumps and valves.
- GAS turbine commissioning, start-up and operation.
- Boiler (HRSG) commissioning, start-up and operation.

- Steam turbine commissioning, start-up and operation.
- Balance of plant (BOP).
- Technical ability in the field and in the office.
- Adaptable, with ability to have valuable input to many aspects of a project.