101367-ELE-OS-E-2004
Senior Engineer

Holds a B. Sc. in Electrical Power Engineering and has about 12 years hands-on experience, including 6 years working in commissioning, start-up and operation and 3 years as Mechanical Instructor.

PERSONAL DATA

Nationality	:	Egyptian
Birth Date	:	20/02/1982
Gender	:	Male
Marital Status	:	Married
Residence	:	Currently KSA

EDUCATION

: B. Sc. in Electrical Power Engineering, Suez Canal University, 2004

LANGUAGES

Arabic	:	Native Language
English	:	Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: PMP (Project Management Professional), KSA.
: Sologic Analysis, KSA.
: Component & Operation of combined cycle, Middle Delta Electrical Production Company, Nubaria Power Station.
: CS3000 fundamentals for operation of DCS, YOKOGAWA Company, Bahrain.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Sep. 2013 till now
Employer : Saudi Electricity Company
Job title : Mechanical Instructor
Job Description :

- Training the trainees in the field of power plant mechanical operation and ensure that trainees have got the requisite knowledge and skills to perform their jobs competently and safely.
- Prepare Course pacing schedule and lesson plan.

- As a part of the course we expose the trainees to the plant and explain the plant equipment on the job.
- I assist in identifying suitable redundant equipment from Power Plants for training purposes where required.
- Purchase the required Tools & equipment for training.
- Prepare & issue purchase orders of requested items for training in accordance with selected suppliers, price and technical specifications.
- Suggesting ways of continually improving the training programs.
- Test the trainees based on the training program to gauge the trainee's delivery understanding and compile report to Senior Instructor.
- In coordination with the Senior Instructor, maintain the Internal Verification and Quality Assurance systems to ensure that the quality of the programs is maintained.
- Main Courses:
  - Water / steam properties.
  - Sea water systems.
  - Raw water treatment plant.
  - Plant instrumentation.
  - Boiler feed system.
  - Cycle chemical feed systems.
  - Turbine fundamentals.
  - Seal oil systems.
  - Operations procedures.
  - Transformers.
  - Generators.
  - Motors.
  - Safety courses.

Dates : From Feb. 2011 till Sep. 2013

Employer : Middle Delta Electricity Production Company (MDEPC)

Project : Nubaria Power Station Module III Combined Cycle (750MW):

One module has:

- Two GE gas turbines (250MW type 9FA).
- Two STF HRSGs.
- One Alstom steam turbine.
- 500KV switchyard.
- Medium and low switchgears.

Job title : Senior Operation Engineer

Job Description :

- Leading a group of Engineers and Technicians.
- Having the complete responsibility and dealing with the dispatch center.
- Evaluating the technical performance for all the GE, ALSTOM & STF.

Dates : From Aug. 2009 till Feb. 2011

Employer : Middle Delta Electricity Production Company (MDEPC)

Project : Nubaria Power Station Module III Combined Cycle (750MW)

Module description:

- Two GE CTG x 250MW type MS9001 (9FA).
- Two horizontal STF HRSGs.
- One ALSTOM STG turbine (HP, IP, LP).
- 500KV switchyard.

- Medium and low switchgears.
- Module auxiliaries**.**

Job title : STF HRSG as Operator Engineer

Job Description : Commissioning, Start-up and Operation Engineer for (STF) HRSG & ALSTOM Steam Turbine:

- Attending installation and construction steps to HRSG & steam turbine.
- Chemical cleaning for two STF HRSG.
- Steam blowing for two STF HRSG & steam piping.
- Commissioning, start-up and operation for HRSG & steam turbine.
- Attending first rolling to steam turbine with ALSTOM operator engineers.
- Working as DCS Operator engineer during reliability period.
- Approving Designs, Submittals, Site Acceptance Tests & Commissioning.
- Pumps & Valves (Initec Energia).

Dates : From Dec. 2007 till Aug. 2009

Employer : Middle Delta Electricity Production Company (MDEPC)

Project : Nubaria Power Station Module I & II Combined Cycle (1500MW):

Two modules, each module has:

- Two Siemens gas turbines (250MW type V94.3A2).
- Two Horizontal Alstom HRSGs.
- One Mitsubishi steam turbine 250MW (HP, IP, LP).
- 220KV switchyard.
- 500KV switchyard.
- Four tie transformers 500/220KV.
- Six outgoing circuits 220KV.
- Two outgoing circuits 500KV.
- Medium and low switchgears.
- Modules Auxiliaries.

Job Description :

- MHI Steam Turbine Operator Engineer.
- Commissioning, Start-up & Operation Engineer for (STF) HRSG & ALSTOM Steam turbine:
  - Attending installation and construction steps to HRSG & steam turbine.
  - Chemical cleaning for two STF HRSGs.
  - Steam blowing for two STF HRSGs & steam piping.
  - Commissioning, start-up and operation for HRSG & steam turbine.
  - Attending first rolling to steam turbine with Alstom Operator Engineers.
  - Working as DCS Operator Engineer during reliability period.
  - Approving Designs & Submittals, Site Acceptance Tests, Commissioning.
  - Pumps & Valves (Initec Energia).

Dates : From 2005 till 2007

Employer : Navy Force

Job title : Electrical Engineer

Further experiences :

- Commissioning, Start-up & Operation Engineer for General Electric gas turbine (GE) (2x257MW):
  - Work as Operator Engineer during performance test of gas turbine.
  - Attending combustion inspection (CI), hot gas path inspection (HGP) and major inspection.
  - Work as Operator Engineer during combine cycle operation.
- Commissioning, start-up for related auxiliaries for Nubaria Module III:
  - Such as: circulating water system, closed cooling, service water system, condensate system, feed water pumps (high pressure, low pressure), tube cleaning system, debris filter, condenser vacuum pump, water box vacuum pump, lube oil system and hydraulic oil system.