

100160-ELE-OS-E-2003
Commissioning, Start-up & Operation Engineer

Holds a B. Sc. in Electrical Engineering and has over 7 years hands-on experience in commissioning, start-up and operation of Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 18/07/1976
Marital Status : Married

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Tanta University, 2003

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel), Internet
: AutoCAD

TRAINING COURSES AND CERTIFICATIONS

: Training courses at West Delta Electricity Production Company:

- Operating Thermal Power Station.
- Operating Thermal Turbine, Boiler, Generator.
- First Aid.
- English courses.
- AutoCAD 2010 course.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2011 till now
Employer : West Delta Electricity Production Company
Project : Damanhour Thermal Power Plant 300MW
Job title : Operation Shift Engineer
Job Description :

- Achieve the load demands from the unit with the aid of the operators taking into consideration safety of both operators and equipments.
- Improve the unit efficiency and make fuel consumption as less as possible.

- Ensuring safety of maintenance teams upon working on certain equipment.
- Following operation instructions given by unit manufacturers during start-up, shut down and normal operation of the unit.
- Prepare and operate steam unit 300MW (boiler & turbine and their auxiliaries) in all operation modes (cold, warm and hot) start-up and safe shutdown, change over the equipment from local and control room.
- Supervising and controlling of GIS switchgear 220KV in the generation network of electricity & 6.3KV.
- Ability of dealing with different type of control systems such as PLC & DCS.

Dates : From Apr. 2010 till Dec. 2010
Employer : ANSALDO Energia
Project : EI-Atf Combined Cycle Power Plant (750MW)
Job title : Commissioning, Start-up & Operation Engineer
Job Description : Worked in steam turbine and generator (ANSALDO) 275MW with auxiliaries:

- Generator seal oil system.
- Generator H₂-CO₂ system.
- Double towers drying system.
- Vacuum system.
- Steam seal system.
- Steam lubrication system.
- Steam turbine by pass system.
- Steam turbine trip system.
- Steam turbine start-up & shut down system.

Dates : From Jan. 2009 till Mar. 2010
Employer : West Delta Electricity Production Company
Project : Damanhour Thermal Power Plant 300MW
Job title : Shift Engineer
Job Description :

- The main duty is to achieve the load demands from the unit with the aid of the operators taking into consideration safety of both operators and equipments.
- Improve the unit efficiency and make fuel consumption as less as possible.
- Ensuring safety of maintenance teams upon working on certain equipment.
- Good knowledge with steam unit troubleshooting (turbine and boiler).
- Good knowledge with P&I diagrams and process drawing.

Dates : From Oct. 2005 till Dec. 2008
Employer : West Delta Electricity Production Company
Project : Damanhour Thermal Power Plant 300MW
Job title : Operation Engineer

- Job Description** :
- Prepare and operate steam unit 300MW turbine (ANSALDO) and their auxiliaries in all operation modes (cold, warm and hot) start-up and safe shutdown, change over the equipment from local and control room, connect and disconnect electrical circuits (220KV, 6.3KV, 380V).
 - Prepare and operate all local equipment for steam unit 300MW including feed water heaters, pumps, boiler forced draft fans, gas recirculation fan burners, seal oil system, stator cooling system, etc.
 - Reporting the equipment condition during shift.
 - Good knowledge with steam unit troubleshooting.
 - Ability of dealing with different types of control systems such as PLC, DCS.
 - Prepare and operation of boilers 2000 t/h (BABCOCK).