

Holds a B. Sc. in Mechanical Power Engineering and has about 13 years hands-on experience, including 10 years working in operation, maintenance and design at AL-SHABAB Power Station.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 15/07/1987
Gender : Male
Marital Status : Married
Residence : Sharkia

EDUCATION

: B. Sc. in Mechanical Power Engineering, Zagazig University, 2009

LANGUAGES

Arabic : Native Language
English : Excellent

COMPUTER SKILLS

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

TRAINING COURSES AND CERTIFICATIONS

: General Electric MS9001E Gas Turbine Maintenance.
: QSK60 Engine & PCC2 Familiarization (Egyptian International Motors CO. EIM).
: Mechanical works power plant pumps (Kharafi National).
: Fuel treatment course.
: Project management & planning pro (Primavera P6 – 2nd level).
: AutoCAD 2D
: The 1st level of elementary phase of the English language conversation course (DEFENSE LANGUAGE INSTITUTE).
: ICDL (SISCO).
: Training at MAN MASR Co. (2007).
: Training at Zagazig Railway Station (2008).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Nov. 2011 till now
- Employer** : East Delta Electricity Production Company
- Project** : AL-SHABAB CC Power Generation Station
- Job title** : Operation Engineer
- Job Description** :
- Operation Engineer for Gas Turbine (GE) and Steam Turbine (ANSALDO).
 - Operation and Maintenance Engineer.
 - DCS control and site product and machine supervisor.
 - Monitor and control the process equipment's performance with all respects including production units' performance, product specification and chemical usage to achieve optimum, best economic and cost-effective results.
 - Gas turbine combustion inspection (CI).
 - Gas turbine hot gas path inspection (HGP).
 - Vibration analyses and alignment.
 - Diesel engines operation and maintenance.
 - Compressor units design & maintenance.
 - Hydraulic and lube oil lubrication systems design & maintenance.
 - Maintenance and calibration of all types of valves.
 - Closed cooling systems design & maintenance.
 - Pumps selection & maintenance.
 - Heating, ventilation & air condition systems (HVAC) design & maintenance.
 - Firefighting (Transformer - FM200 - CO2) and fire alarm (Securton™) systems design & maintenance.
 - Hazardous gas detection systems design & maintenance.
 - Ensure up to date operating envelopes and alarms & trip registers are available.
 - Carry out and monitor DCS trending of key process parameters of process units, perform preliminary investigations and recommend short term and long-term actions.
 - Participate in Incident investigations and prepare reports.
 - Recommend corrective actions to deal with abnormalities, de-bottlenecking, upgrading and optimum operating conditions.
 - Prepare process performance tests; discuss test procedures with plant operators, collect performance data, and prepare performance tests reports.
 - Write daily reports including production figures, done activities, trips & Maintenance defects.
 - Provide a safe plan for Shutdown and start-up operations.
 - Participate in the Health and Safety meetings.
 - Participate in HAZOP studies.
 - Follow-up construction, pre-commissioning and commissioning operations.
 - Operation Engineer for Gas Reduction Pressure Station which feeding (8) unit "GE" gas turbine monitor and control the process equipment's performance with all respects including production units' performance, product specification and chemical usage to achieve optimum, best

economic and cost-effective results.

- Operation Engineer for Water Treatment Station which feed the local with "RO, service, Dime" water for all closed cooling and HRSG systems.

Dates : Feb. 2016
Employer : [EGYPTROL](#), GE Energy Subcontractor
Project : El-Basaten Site
Job Description : Operation & Maintenance Engineer for TM2500_GE JET GAS TURBINE

Dates : Sep./Oct. 2015
Employer : [EGYPTROL](#), GE Energy Subcontractor
Project : MALLAWI SITE
Job Description : Operation & Maintenance Engineer for TM2500_GE JET GAS TURBINE.

Dates : From May 2015 till Jul. 2015
Job Description : Attended the installations & commissioning at ATTAQA NEW POWER PLANT GAS TURBINE SGT5-2000E (SPPA-T3000) SIEMENS GAS TURBINE.

Employer : Oriental Weavers International
Job title : Compressor Station Supervisor
Job Description : Responsible of maintenance, spare parts planning contacting suppliers & agents & compressed air pipe lines design & setup.

Employer : MAN MASR Company
Job Description : Supervisor of all cars & truck parts assembly (Car chases manufacturing, motors transmission system connecting, oil diesel & air cycle systems). Good knowledge at cars lowers maintenance & troubleshooting.