

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 12 years hands-on experience working in operation, commissioning, start-up and maintenance.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 05/04/1988
Gender : Male
Marital Status : Married
Residence : Zagazig

EDUCATION

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

LANGUAGES

Arabic : Native Language
English : Very Good
French : Basics

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: FOXBORO Software – AC BOILER Operating Program
: SYMPHONY HARMONY S+ Software – ANSALDO ENERGIA Operating Program
: Mark 6e Software – GE Operating Program
: YOKOGAWA Software
: AMPLISSIMA Software for work-permit

TRAINING COURSES AND CERTIFICATIONS

- : Outside Egypt:
- Maintenance Training Course on Steam Turbine Generator, Air Cooled Condenser and Auxiliaries (at Ansaldo Training Center, Genoa, Italy) (May/Jun. 2017).
 - Steam Turbine, Air Cooled Condenser and Auxiliaries Harmony Maintenance Training (at ABB University Training Center, Genoa, Italy) (May 2017):
 - S+ Harmony Architecture and Communication.
 - S+ Harmony Controllers and I/O Modules.

- S+ Harmony Engineering for Harmony.
 - Introduction for Function Codes.
 - Composer Project and I/O Module Configuration.
 - Gas Turbine Auxiliary System Operations (at GE Energy Learning Center, Belfort, France (Sep. 2014)).
 - Mark VIe Gas Turbine Operations Simulation (at GE Energy Learning Center, Belfort, France (Sep. 2014)).
 - EX2100 Regulator and GCP Operation and Maintenance (at GE Energy Learning Center, Belfort, France (Oct. 2014)).
- : Inside Egypt:
- Training Course on FOXBORO System Operation and Maintenance (from Schneider) (Apr. 2018).
 - Training Course on Hydrogen Generator Fundamentals of Operation and Maintenance for HOGEN H-Series Hydrogen Generation Systems (Feb. 2018).
 - Training Course on welding Inspection (May 2016).
 - English Course on Meeting and Negotiation (Apr. 2016).
 - MS 9001 Gas Turbine Operation Training (from GE (Apr. 2011)).
 - Generator Control – EX2100R (from GE (May 2011)).
 - GE Gas Turbine Operation Training (from South Cairo Power Station Training Center (Jun. 2011)).
 - Personnel Training Course for Al-Shabab Water Treatment Plant (from EMIT (Jun. 2011)).
 - Yokogawa DCS Centum VP Maintenance (from GIZA (Sep. 2011)).
 - Operation & Maintenance of MV SWGR (from Schneider (Oct. 2011)).
 - Operation & Maintenance of LV SWGR (from Schneider Oct. 2011)).
 - Operation & Maintenance of DC System (from Schneider (Oct. 2011)).
 - Operation & Maintenance of Dry Type Transformer (from Schneider (Oct. 2011)).
 - Protection System in El-Shabab 220KV GIS (from SIEMENS (2011)).
 - Gas Insulated Switchgear (GIS) System (from SIEMENS (2011)).
- : During education:
- PLC Advanced Course (from Jelecom A.D. Panasonic (Mar. 2010)).
 - Training Course in Operation, Electricity & Equipments (at Abu Sultan Power Plant (2009)).
 - Training Course in Maintenance & Technical Services at Egypt Air (Sep. 2008).
- : ICDL

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jan. 2013 till now
- Employer** : East Delta Electricity Production Company
- Project** : Al-Shabab Power Station
- Job title** : Shift Charge Engineer
- Job Description** :
- Responsible for day to day operating 1500MW combined cycle power plant with its auxiliaries.
 - Carry out all required operational changes, safety inspections and procedures, boiler blowdown, fuel transfers, chemical tests, feedwater analysis, building systems control, etc.

- Maintain an operating log and provide operating data, graphs, etc. pertinent to the efficient operation of the plant.
- Act as a liaison and direct the Operation Engineers and provide them training as required.

Dates : From Jan. 2017 till Sep. 2018
Employer : East Delta Electricity Production Company
Project : Al-Shabab Power Station Phase 2 Project – Converting AL-SHABAB Power Plant 1000MW Simple Cycle to Combined Cycle 1500MW
Job title : Commissioning & Start-up Owner Engineer
Job Description :

- Commissioning and doing first rolling for ANSALDO ENERGIA MT-20 steam turbine after doing all tests for (HRSGs, Steam turbine and ACC).
- Operating the steam turbine to its maximum load (after reliability test), recording its behavior and doing reports to become a reference for the turbine in the future.

Dates : From Jan. 2011 till Jan. 2013
Employer : East Delta Electricity Production Company
Project : Al-Shabab Power Station 1000MW
Job title : Control Room Operator
Job Description :

- Operating and monitoring Gas turbines (GE Frame 9E, MARK VIe) and all auxiliary's systems.
- Operating & Monitoring SIEMENS GIS 220KV switch gear and SCHNEIDER 6.6KV substation.
- Carry out safety isolation and precautions for work permits.

Special work:

- I was one of the team that responsible for GE Gas turbine combustion inspection (CI) and transfer the units from Standard to DLN, and after 24000 Hours of Operation, we made 8 Hot Gas Path Inspections for GE Gas Turbine 125MW Frame 9E.
- I have set up a Training Course on How to Operate Gas Turbine and I gave it four times to new Operation Engineers.
- I have set up a Special Training Course in Operating GE Gas Turbine and I gave it to Assiut Power Station Operation Engineers.
- I have set up a Training Course on Combined Cycle (it's components and its operation) and I gave it to our Operation Team.

Field of experience :

- Operation & Maintenance AC Boiler Heat Recovery Steam Generators HRSGs.
- Operation & Maintenance Ansaldo Energia Steam Turbine Specially MT20.
- Operation & Maintenance GE Gas Turbine Specially Frame 9E.
- Operation & Maintenance GE Mark Vie.
- Operation & Maintenance Brushless Exciter EX2100.
- Operation & Maintenance Schneider DCS (Foxboro).
- Operation ABB Software Symphony plus (S+).
- Operation & Maintenance Brush Exciter from Ansaldo Energia.
- Operation & Maintenance for SIEMENS GIS 220KV.

- Operation & Maintenance for Schneider MV SWGR 6.6KV.
- I have the knowledge for how to Operate Water Treatment Station.
- Diesel Engines Operation and Maintenance.
- Compressor Units Design & Maintenance.
- Hydraulic and Lube Oil Lubrication Systems Maintenance.
- Maintenance and Calibration for a lot of types of valves.
- Closed Cooling Systems Design & Maintenance.
- Pumps Selection & Maintenance.
- Fire Fighting (Transformer - FM200 - CO2) and Fire Alarm (Securton™) Systems Design & Maintenance.