

Holds a B. Sc. and a Diploma in Electrical Power Engineering and has over 12 years hands-on experience, including 3 years working in I&C and 9 years in operation, commissioning and start-up at several Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 03/09/1983
Gender : Male
Marital Status : Married
Residence : Talkha

EDUCATION

: B. Sc. in Electrical Power Engineering, Mansoura University, 2005
: Diploma of Electrical Power Engineering, 2008
: Pre-master in Automatic Control Engineering, 2014

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: Adobe Photoshop

TRAINING COURSES AND CERTIFICATIONS

: AutoCAD
: Microcontroller.
: Field trainings at Talkha Power Plant:

- Gas turbine operation course of SIEMENS V94.3A Teleperm XP control system.
- Training course in security of power plants.
- CMI Energy & ŠKODA PRAHA HRSG Operation on-job training.
- Transformers Oil testing and using the results to determine the transformer status.

: Field training at Az-Zour Power Plant – KUWAIT: CMI Energy HRSG on-job training (Operation).

- : Out-board trainings:
 - Heat Recovery Steam Generator and BOP Training by CMI Energy – Belgium (Jun. 2007).
 - Operation of the Appliance Delivered for Škoda Praha by SIGMA ENERGOINŽENÝRING – Czech Republic (Jun. 2007).
 - Heat Recovery Steam Generator & Auxiliaries Basic Operation Training Course by ŠKODA PRAHA – Prague, Czech Republic (Jun. 2007).
- : ICDL certified.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Dec. 2014 till now
- Employer** : MDEPC (Middle Delta Electricity Production Company)
- Project** : New Talkha 750MW Combined Cycle Project – EGYPT
- Job title** : I&C Maintenance Engineer
- Job Description** :
 - Responsible for troubleshooting instrumentation and problem-solving, loop check of the settings and functions – EMERSON (Ovation DCS).
 - Diagnosis, Calibration and Spare parts Replacement for: valves (Electric, Pneumatic and Hydraulic) - Transmitters (Pressure, Temperature, Level ...) and some other sensors related to the equipment.
 - Procurement activities for all components related to I&C jobs (Field Instruments, Cables, Junction Boxes and Instrument Installation Accessories).

- Dates** : From Jun. 2012 till Dec. 2014
- Employer** : MDEPC (Middle Delta Electricity Production Company)
- Project** : New Talkha 750MW Combined Cycle Project – EGYPT
- Job title** : Electrical Maintenance Engineer
- Job Description** :
 - Sharing in removing faulty stator bars, insulating and reinstalling new bars and carrying out unit Electrical tests (Megger, High tension test, EL-CID test ...etc.).
 - Attending Units overhauls and Allocating work to a team of fitters.
 - Organizing routine servicing schedules and Carrying out quality inspections.
 - Fixing faults on site or arranging for replacement machinery or equipment to be installed.
 - Keeping managers informed of progress.

- Dates** : From May 2010 till Jun. 2012
- Employer** : DEWA (Dubai Electricity & Water Authority)
- Project** : JEBEL ALI Power and Desalination Station (K- Station) – Dubai, UAE
- Job Description** :
 - Power Side: Operation of SIEMENS GT v94.3A 3x250MW, ALSTOM 3 WHRB & 2 Auxiliary Boiler, SIEMENS Back Pressure Steam Turbine (BPST) 2x150MW.
 - Water Side: Operation of FISIA ITALIMPIANTI Multi stage Flash (MSF) type Distiller – 5 Desalination Units plus Blending plant.

Dates : From Oct. 2009 till Apr. 2010
Employer : CMI Energy (Cockerill Maintenance & Ingenierie)
Project : AZ-ZOUR SOUTH CC EXTENTION Project – KUWAIT
Job Description : Carry out commissioning, Chemical Cleaning, Steam Blowing, By-pass operation, HRSG Conservation, Start-up and Operation of CMI (8) HRSGs coupled to SIEMENS SST5 4000 (2x250MW) steam turbine.

Dates : From Sep. 2005 till Oct. 2009
Employer : MDEPC (Middle Delta Electricity Production Company)
Project : New Talkha 750MW Combined Cycle Project – EGYPT
Job Description :

- 1st Shift Engineer, act as first response to emergency situations, take appropriate steps to stabilize the problem as much as possible, perform daily routine check and communicate with NCC to control the loads so as to face the Load Demand.
- Participate in construction, commissioning, steam blow, By-pass Operation and start-up of ALSTOM (250MW) steam turbine and CMI HRSG.
- Operation of SIEMENS V94.3A (2x250MW) gas turbine, CMI HRSG and ALSTOM DKYZZ3-2N41C (250MW) Steam Turbine and associated auxiliary through DCS.
- Performing the unit start-up and shutdown as per assigned targets.
- Trouble shooting, effective response to emergency conditions and compliance to safety procedures.
- Raising defects for equipment & doing isolation and de-isolation procedures according to the work permit.
- Perform high/medium voltage switching operations.