

Holds a B. Sc. in Mechanical Power Engineering and has about 15 years hands-on experience working in operation, commissioning and start-up at several Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 20/10/1981
Gender : Male
Marital Status : Married
Residence : Currently KSA

EDUCATION

: B. Sc. in Mechanical Power Engineering, Helwan University, 2003

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet

TRAINING COURSES AND CERTIFICATIONS

: Training in Petrojet Co. on arc welding and inspection (X-ray).
: Training in Beni Suef Cement Co.
: Training in Material & Development Center.
: GE Oil & Gas training.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2015 till now
Project : Power Plant #12, Riyadh (KSA)
Job title : Close-Out Manager
Job Description :

- Pre-commissioning, chemical cleaning and steam blowing.
- Commissioning and Start-up Operation Engineer.
- Gas Turbine GE Frame 7FA (8x200MW).
- HRSG Triple drum pressure/drum 8 units (Alstom).
- Steam Turbine GE (2 units x 380MW).
- Leading subcontractor and vendors to close punch list.

- Starting final technical settlement with subcontractors/vendors.
- Responsible for reviewing materials required for the Closeout of projects, including final resolution of all punch list work, finalize outstanding contract change orders, obtain final lien releases, and review O&M / warranty documentation.
- Work with Vendors to analyze and understand collected data as a basis for their corrective action plans, governance discussions, and executive reporting.

Dates : From Jan. 2015 till Jun. 2018
Project : Power Plant #10, Riyadh (KSA)
Job title : Power Plant Zone Manager
Job Description :

- Pre-commissioning, chemical cleaning and steam blowing.
- Commissioning and Start-up Operation Engineer.
- Gas Turbine GE Frame 7EA (40x70MW).
- HRSG dual pressure/drum 40 units (NEM).
- Steam Turbine GE (10 units x 130MW).
- Control System Mark VI.

Dates : From Jun. 2011 till Dec. 2014
Employer : Kharafi National Company
Project : El-Shuaiba North Cogeneration (Power & Distillation) Plant – Kuwait:

- 3 x GE 9FA, gas turbine generation, with dual fuel firing capability & evaporator cooler.
- 3 natural circulation type without duct burner, Integral type deaerator installed on each HRSG.
- 3 by pass stacks with diverter damper.
- 1 back pressure steam turbine.
- 2 x 50% HP/LP by pass system to supply LP process to desalination plant.
- 1 x 100% HP/IP bypass system to supply IP process steam to desalination plant.
- 1 turbine bypass system to dump condenser.
- 1 start-up bypass system to support the start-up of subsequent HRSG unit to running the combined cycle operation.
- 1 dump condenser.
- 3 MSF type distillation unit of each 15 MIGPD capacity.
- 4 gas compressors Atlas Copco.

Job title : Shift Leader Engineer
Job Description :

- Make arrangement inside CCR.
- Make operation plan for Power Plant.
- Prepare work to permits (PTW).
- Insert in emergency case to control of operation.
- Good dealing with operation team.
- Assist Maintenance Dept.
- Modified logic signal diagram for BOP and HRSG.
- Modified logic signal diagram for auto start-up program of power plant.
- Distillation Plant:
 - Operation of MSF units and Plant Auxiliaries:

- Three distillers of 15 MIGD each.
- Sea water station and Auxiliaries (feeding / screening / discharge system).
- Instrument and Service Air System.
- Chlorination Plant.
- Recarbonation Plant.

- Dates** : From Oct. 2006 till Jun. 2011
- Employer** : Egyptian Electricity Authority (EEA), North Upper Egypt Zone
- Project** : El-Kureimat Thermal Power Plant (2x627MW):
- Two Siemens CTG 250MW type V94.3A. and two GE Frame 9 (250MW).
 - Four vertical Skoda (HRSG), Heat Recovery Steam Generator.
 - One Hitachi STG 250MW (HP, IP, LP) and one ALSTOM STG 250MW (HP, IP, LP).
- Job titles** :
- Operation Engineer, Mechanical Test & Start-up Engineer
 - Start-up & Commissioning Engineer for GE gas turbine Frame 9001FA
 - Start-up & Commissioning Engineer for CMI and Skoda HRSG
 - Start-up & Commissioning Engineer for Hitachi steam turbine
 - Start-up & Commissioning Engineer for Siemens gas turbine
- Job Description** :
- Gas Turbine:
 - Writing maintenance work requests.
 - Preparation of safety work permits.
 - Safety precaution (isolation steps).
 - Trial run required.
 - Dealing with GE Mark version 6.
 - Start-up and shutdown the unit of gas turbine.
 - Activating Siemens type V94.3A control program (teleprem xp).
 - Steam Turbine (2x627MW):
 - Operation of Natural Gas/Heavy Fuel Power Plants.
 - Operation GE T/G with Mark V Control.
 - Natural Circulation, Natural Gas / HFO Fired B&W "El Pasto" Design Boilers (2063 t/hr, 200 bar).
 - Operation of 220 and 500KV Switchyards (GIS).
 - Writing Operation and Periodic Tests Procedures.
 - Writing incident reports and summarize feedback.
 - Preparation of risk analysis for critical maintenance activities.
 - Writing maintenance work requests and preparation of safety work permits.
 - Experienced in electrical and I&C.
 - Turn-over Packages and Performance Testing.
 - Hydrogen plant and water plant.
- Dates** : From Jan. 2004 till Aug. 2006
- Employer** : Egyptian Drilling Company (EDC)
- Job title** : Lead Mechanical Engineer
- Job Description** :
- I was working in power generation in may rig.
 - Top Drive (National Oil well PS 350 / 500 & varco TDS11SA AC).
 - Draw work (National 110 UE, 1500 HP).
 - Mud Pump (Oil well A 1700 PT 1700 hp).

- Cat Engines (D-399 & D-3512 & D 398 & Cat 3516 * CAT 3406).
- Cummins Engines.
- Air Hoist & Air System.
- BOP Closing Unit (Shaffer Electric / Hydraulic T30315-3S accumulator unit & T220 accumulator unit.