

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).