

Holds a B. Sc. in Mechanical Power Engineering and a Diploma in Power Plants (Gas Turbine Engine Maintenance). Has over 15 years' experience working in maintenance, operation, commissioning and start-up.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 07/06/1984  
Gender : Male  
Marital Status : Married  
Residence : Damietta

## **EDUCATION**

: B. Sc. in Mechanical Power Engineering, Mansoura University, 2007  
: Diploma in Power Plants (Gas Turbine Engine Maintenance), Mansoura University, 2012

## **LANGUAGES**

Arabic : Native Language  
English : Excellent

## **COMPUTER SKILLS**

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

## **TRAINING COURSES AND CERTIFICATIONS**

: Advanced Maintenance Planning & Scheduling, RES, Alex (Jan. 2017):

- MAINTENANCE DESIGN.
- MAINTENANCE POLICIES.
- MAINTENANCE PLANNING.
- MAINTENANCE BUDGET AND COST REPORTS.
- WORK CONTROL.
- MMS.
- (KPI).
- SPARES MANAGEMENT.
- WORK PROGRAM MANAGEMENT.
- TIME MANAGEMENT.
- AUDIT PROCEDURE PHILOSOPHY.

: Project Management Process Groups, Skillsoft (online) (Oct. 2016).

: IOSH Managing safely awareness, GE Office in Egypt (Jul. 2016).

- : SPPA-T3000 Simulator, SIEMENS Quad3 – University Street – Orlando, Florida, USA (Sep. 2013).
- : Gas Turbine operation Siemens SGT6-5000F (5), Qurayyah IPP – Saudi Arabia.
- : Steam Turbine Familiarization Siemens SST 6-4000 (DN), Qurayyah IPP – Saudi Arabia.
- : Atlas Copco Gas compressor training, Qurayyah IPP – Saudi Arabia.
- : GCB (Generator circuit breaker), Qurayyah IPP – Saudi Arabia.
- : HRSG system, Qurayyah IPP – Saudi Arabia.
- : Vibration Monitoring system, Qurayyah IPP – Saudi Arabia.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Apr. 2023 till Nov. 2023  
**Employer** : FieldCore  
**Job title** : Lead TFA  
**Job Description** :
 

- Qarn Al Alam, Oman:
  - Equip Model: 1\*9E.
  - Gas Turbine Installation and commissioning.
- Kureimat III Power Station:
  - Equip Model: 1\*9FA.04.
  - Major Inspection + Casing Alignment + Generator Magic Inspection.

**Dates** : From Mar. 2022 till Jul. 2023  
**Employer** : JORF MOBILE  
**Project** : Morocco  
**Job title** : Commissioning Manager  
**Job Description** : Managing all Commissioning activities with more than five vendors: ESLI, QTE, INO-EXCHANGE, MCT, FOR-EVER and our client OCP.

**Dates** : May 2022  
**Employer** : United Gas Derivatives Company  
**Job title** : Senior Maintenance Engineer

**Dates** : From Mar. 2020 till Mar. 2022  
**Employer** : PESCO  
**Project** : Aden Power Plant 264MW – Yemen  
**Job title** : Commissioning Manager  
**Job Description** : Commissioning and Start-up Engineer for 2 GTs 9E 132MW (GE) BOP (LDO, LCO and WTP).

**Dates** : From May 2018 till Feb. 2020  
**Employer** : [EGYPTROL](http://www.egyptrol.com), GE Energy Subcontractor  
**Projects** : West Assiut CCPP (from May 2019 till Feb. 2020)  
 West Damietta CCPP (from May 2018 till May 2019)  
**Job title** : Deputy Commissioning Manager

- Job Description** : Manage Commissioning and Start-up for STG F-D202 250MW H2 Generator cooled.
- Dates** : From Jan. 2018 till May 2018
- Employer** : [EGYPTROL](#), SIEMENS AG Subcontractor
- Project** : Azura - Edo IPPT - Nigeria
- Job title** : Lead Commissioning & Start-up Engineer (SIEMENS) (3 x SGT94.2)
- Job Description** : Coordinate and facilitate all commissioning activities during my shift such as:
- All Mechanical commissioning activities:
    - GT Control-Hydraulic Oil Skid and Piping.
    - GT Instrument Air.
    - GT Turning Gear (2 speed).
    - GT Lube Oil System (including Lift Oil).
    - GT Lube Oil Package.
    - GT Erection (including exhaust Manifold, Diffuser and Combustion system).
    - GT Inlet Filter House-Evap Cooler-Pulse Comp.
    - GT Drains System (Inlet, Exhaust, Engine).
  - 1st turning gear operation.
  - GT First fire.
  - First sync (synchronizing with GCB, see switching procedure 1st sync).
  - GT cold start, load ramps, peak load adjustment, verifying combustion parameters, IGV & OTC.
  - Load rejection tests FSNL & house load (part-load & full load).
  - Load ramps/combustion optimization.
- Dates** : From Oct. 2015 till Dec. 2017
- Employer** : Fieldcore (GE)
- Projects** : West Assiut & West Damietta
- Job title** : TFA
- Job Description** :
- Prepare for MI (Major Inspection).
  - 4 CI (Combustion Inspection).
  - 4 AGP (Advanced Gas Path).
  - Attend construction, commissioning and start-up of 8x125MW gas turbines GE frame 9E (Fast track).
  - HGP (Hot Gas Path) of 4x125MW gas turbines GE frame 9E.
  - 4 DLN (Dry Low NOX) upgrade of 4x125MW gas turbines GE frame 9E.
  - Attend commissioning and start-up of 4x125MW gas turbines GE frame 9E.
  - Auxiliaries TA:
    - Gear box checks.
    - Torque converter checks.
    - Accumulators charging and services.
    - Dampers checks.
    - Actuator greasing and checks.
    - Performing any TIL and site repair for all Auxiliaries as per vendor recommendation if required.
    - Onsite repair for 3 units TG ratchet oil leakage.
    - Onsite repair for lift oil pumps failure, Gas vent, APU Compressor

failure, ...etc.

- Static Equipment Maintenance (Valves, Flanges, ...etc.).
- Perform 4 CI (Combustion Inspection).
- Setup the full Mechanical Preventive Maintenance Plan for the power plant.
- Fin fan cooler system maintenance (Vibration Issues, Fans Pitch Angles Adjustment, etc.)

**Dates** : From Jan. 2015 till Mar. 2016  
**Employer** : SAMSUNG C&T  
**Project** : Rabigh 2 Independent Power Project (R2IPP) 3x685MW Combined Cycle – KSA  
**Job title** : GT / ST Commissioning Engineer  
**Job Description** :

- Commissioning and Start-up Engineer for 3 Siemens Steam Turbines SST6-5000.
- Commissioning and Start-up Engineer for 6 Siemens Gas Turbines SGT6-5000F.

**Dates** : From May 2013 till Dec. 2014  
**Employer** : [EGYPTROL](http://www.egyptrol.com), SAMSUNG C&T Subcontractor  
**Job title** : Mechanical GT / ST Commissioning Engineer  
**Job Description** : Commissioning and start-up for:

- 12 SGT6-5000F.
- Steam turbine 6 x SST6-4000.

**Dates** : From Oct. 2011 till Feb. 2013 (part time)  
**Employer** : Egyptian Maintenance Company (EMC)  
**Job title** : Mechanical Maintenance Engineer  
**Job Description** :

- Daily checkup for all rotating equipment.
- Corrective maintenance for centrifugal pumps – centrifugal compressors – screw compressors – liquid ring compressors – centrifuges – high speed – vertical submersible pumps – gear pumps.
- Preventive maintenance (weekly – monthly – 3 monthly – 6 monthly – yearly) for centrifugal pumps – centrifugal compressors – screw compressors – liquid ring compressors – centrifuges – high speed (sundyne) pumps – vertical submersible pumps – multistage pumps – gear pumps.
- All troubleshooting for pumps.
- All troubleshooting for compressors.
- All troubleshooting for centrifuges.
- Managing all plant technicians' time sheets, attendance, overtime and shift schedules.
- Carrying out all jobs risk assessment.
- Following the condition monitoring and vibration analyses reports & predictive maintenance for all rotary equipment.

**Dates** : From Apr. 2008 till Dec. 2012  
**Employer** : East Delta Electricity Production Co. (EDEPC)  
**Project** : Damietta Combined Cycle Power Station

- Job title** : Mechanical Engineer
- Job Description** :
- Three modules, each module consists of:
    - 145MW GEC ALSTHOM Steam Turbine.
    - 500 ton / hr BORSIG HRSG.
  - Gas Turbine 135MW Operation Engineer (SIEMENS SGT5-2000E (V94.2)).
  - Mechanical Maintenance Engineer.
- Field of experience** :
- Certified Expert Lead TFA, Operation Deputy Manager and Commissioning Manager Engineer with more than 15 years of work experience in different type of Power Plants (Combined and Simple Cycle Power Plant up to 4000MW, Thermal Power Plants up to 2400MW) for large multinational companies.
  - Manage Outages, Construction, commissioning and start-up of (GTG, STG) GE, SIEMENS and HRSGs.
  - Manage and review the required spare parts for the next outages of the gas Turbines (major inspection).
  - Manage preventive maintenance plane (schedule and required spare parts).
  - Manage Preventive Maintenance works on the turbines, its auxiliaries and BOP.
  - Lead the daily meetings related to my scope.
  - Manage O&M mega projects (Energy and Industrial).