

Holds a B. Sc. in Mechanical Production & Design Engineering and has over 18 years experience in engineering and construction from the initial conceptual stage, through bidding and till the project completion, with professional engineering experience in Construction, Commissioning, Contracting, Operations and Maintenance.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 01/06/1981  
Gender : Male  
Marital Status : Married  
Residence : Mansoura

## EDUCATION

: B. Sc. in Mechanical Production & Design Engineering, Mansoura University, 2003

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

: Windows, MS Office, Internet  
: AutoCAD 2D  
: MS Project  
: Primavera  
: SAP and Maximo systems

## TRAINING COURSES AND CERTIFICATIONS

: 16-hour EM 385-1-1 USACE Safety & Health course (Jan. 2019).  
: PMP Certified (Project Management Professional).  
: NEBOSH Certified.  
: ICDL certification (International Computer Driving License) ver. 4 (Feb. 2009).  
: First Aid in Egyptian Red Crescent.  
: Machining and components of Gas Turbine.  
: Occupational Safety and Health.  
: Mechanical Maintenance of Gas Turbine.

- : Human Resource.
- : Corrossion of Metals in power plants.
- : Machinery Alignment.

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Dec. 2018 till Dec. 2019
- Employer** : Centerra Group (a Constellis Co.)
- Project** : US Naval Station, Guantanamo Bay, Cuba
- Job title** : Construction Manager
- Job Description** : The project I was in charge of was renovation and upgrades of an existing EMD power generation plant, the plant was the main facility that supplied power to the base, the plant consists of 10 EMD Units with a total rated capacity of 20MW. The renovation consisted of complete upgrade of the PLC/SCADA system of the power plant, upgrades to the existing OPWG fiber optics network, and fuel efficiency upgrades. The project also included upgrades to existing substations PLCs, switch gear upgrades and civil work. My duties are included but not limited:
- Plan and achieve the most cost and time efficient plan.
  - Installing new and brand Pumps (ITTT manufacture) multistage pump.
  - Performing a full repairing to the current (Dynamic and positive displacement) pumps, at the site.
  - Performing commission procedures due to UFGS instructions.
  - Performing all Fiber Optics connections (Fusion and Mechanical) connections.
  - Dealing with Single and Multi-mood fiber optics cables, with (ST, SC and LC) terminals.
  - Performing the main maneuvers for each outages with US naval station in GTMO.
  - Connecting up the base with the main base in FL, and performing all tests (RTD, power, reverse power) tests.
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- Dates** : From Sep. 2016 till Dec. 2018
- Employer** : TNB-KN JV (TNB-REMACO Joint Venture Kharafi National), Kuwait
- Project** : Doha West Power Station, Al-Jahhra - Kuwait  
The power plant contains (LM6000 PC x 5 units) and several auxiliaries (Air compressors, Gas Compressors, Chillers, water treatment system, firefighting system and 5 Auxiliaries transformers).
- Job title** : Shift Team Leader
- Job Description** :
- Team Shift Leader of Gas turbines and auxiliaries.
  - Releasing Work orders (W.O.) and (P.T.W) by INFOR system. For All Maintenance Department.
  - Performing LOTO instructions before maintenance works.
  - Responsibility of (daily operation & Monthly) reports to top management and M.E.W.
  - Monitoring the performance Gas Turbines units and auxiliaries, by observing the trends.
  - Sharing my technical knowledge with Local technicians (Kuwaitis), by sharing in training courses.

- Organizing and supporting the staff while starting up and shutting down GT units.
- Reporting to Head Engineering Department for proposal Maintenance Schedule.
- Performing Pre-commissioning, commissioning, and start-up tests, after over-haul inspection.
- Performing Maneuvers while Transformers' isolation, capable of analyzed P&ID and single line diagram.
- Dealing with troubleshooting and performing root cause analysis to avoid any periodic problems.
- Performing daily operation activities such as (off-line water wash, online water wash).
- Following up the distillation water analysis to get high performance of conductivity for Chiller and EVAP system.

**Dates** : From May 2015 till May 2016

**Employer** : Supreme Group Int.

**Project** : Mali, West Africa MINUSMA - UN Mission

**Job title** : Project Engineer / Sr. Lead Engineer

**Job Description** :

- Joined Supreme Construction operations in Africa projects centered in Mali, as a Project Engineer for Multi Million Dollars Projects in Mali, Supreme Group is the prime fuel Supplier "Diesel, Jet" and one of the major contractors for the United nations mission in Mali "MINUSMA", US Department of Defense "DoD", UK Ministry of Defense, Supreme build, own and operate fuel plants in more than 22 cities in Mali for the UN.
- My job is to plan, achieve and supervise the construction projects for the company in the different areas, including Civil, Earthworks, concrete structures, steel structures, Plumbing, Mechanical "Fuel Pipe lines, firefighting, HVAC, Plumbing, Power Plants", Electrical and accommodation erection.
- Supreme Group is an American international firm with headquarters in USA, UAE, UK, Switzerland and Germany.
- My duties includes but not limited to:
  - Plan and achieve the most cost and time efficient plan.
  - Allocate resources to accomplish the project in hand.
  - Review and adapt designs in field and coordinating with the designer to meet the client requirements.
  - Efficiently estimating and ordering the bill of materials.
  - Verify quality standards and international construction standards are being met efficiently on hand.
  - Technical decision making in Civil, Mechanical and Electrical work aspects.
  - Coordinate and running meetings between different subcontractors.
  - Scheduling and reporting to senior management.
  - Foresee possible obstacles and planning appropriate solutions to overcome it.
  - Plan and oversee day to day activities.

**Dates** : From Jul. 2007 till May 2015  
**Employer** : Middle Delta Electricity Production Co.  
**Project** : Talkha Power Plant  
(Gas turbine with combined cycle (8 units x 25MW + 2 units x 50MW))  
**Job title** : Deputy Mechanical Maintenance Manager for GTs Model MS 5001P  
Stamped by Nuovo Pignone, GE  
**Job Description** :

- Scheduling, reporting and assisting the Sector Manager.
- Plan and oversee day to day Maintenance activities.
- Performing the full package maintenance for all kinds of PUMPs (Dynamic and Positive Displacement).
- Plan and achieve the most cost and time efficient plan.
- Efficiently estimating and ordering the bill of materials.
- Performing commissioning reports for all units after inspections.
- Performing overhaul (major) inspection for Gas turbine units.
- Performing Hot paths inspection for units.
- Performing Combustion chambers inspection for Units.
- Performing all tolerance and alignments for all mechanical parts.
- Dealing with daily Troubleshooting and manage it.
- Surveying Tenders of Spare parts for Gas turbines.
- Supervising the annual inventory for warehouses of spare parts.
- While this period, I was supporting a team in IDKO site who has 4 units Nuovo Pignone (PGT 10), the team performed the maintenance for the 4 units in series as above sentences as well.

**Dates** : From Apr. 2005 till Jun. 2007  
**Employer** : Middle Delta Electricity Production Co.  
**Project** : Talkha Power Plant  
(Gas turbine with combined cycle (300MW), Mark II Frame 5 (MS-5001P))  
**Job title** : Mechanical Operation Engineer  
**Job Description** :

- Scheduling, reporting and assisting the Sector Manager.
- 1st Shift Engineer in the plant and performing the daily technical report while night shift.
- Operating steam turbine units of (2x45MW).
- Operating HRSG (Heat Recovery Steam Generator) of (8 x 45 tons Steam/Hour).
- Operating gas unites of (8x25MW).
- Dealing with firefighting of the site.
- Knowledge of makeup of Distilled water for the steam turbine.
- Performing switchgear operation with National Control Center to connect and disconnect 220KV grid function.

**Dates** : From Dec. 2003 till Apr. 2005  
**Employer** : Egyptian Armed Forces  
**Project** : Military Service  
**Job title** : Lieutenant Officer and Commander of the Military Workshop (Construction)  
**Job Description** : I worked in a field matching my academic background which gave an early kick start to my engineering career in Maintenance department for diesel engines.

- Field of experience** :
- Construction auditing, reporting and documenting.
  - Interacting with vast computer applications and drafting.
  - Experience with American, British and Egyptian building standards.
  - Planning, organizing and estimation.
  - Experience in various construction fields.