

Holds a B. Sc. in Mechanical Engineering and has over 14 years hands-on experience working in construction at several Power Plants.

## PERSONAL DATA

Nationality : Egyptian  
Birth Year : 1984  
Gender : Male  
Marital Status : Married

## EDUCATION

: B. Sc. in Mechanical Engineering, Higher Technological Institute, 2007  
: Secondary Education: AL-OROUBA Language School, 2001

## LANGUAGES

Arabic : Native Language  
English : Good

## COMPUTER SKILLS

: Windows, MS Office, Internet

## TRAINING COURSES AND CERTIFICATIONS

: PMP (project management professional) (2018)  
: Occupational Safety & health (Osha) (2017).  
: International Certified user of the Primavera Program Level 1 (2011).  
: A specialist in safety and occupational health Adopted by PGESCO (2008).  
: Engineering department at Semiramis International Hotel (2006).  
: Quality Control and assurance department at Electrostar Group (2005).  
: Implementation of cooling systems under construction "Chillers, Air handling units" at Nile Company (2004).  
: International Computer Driving License (Cairo University) (2004).  
: Two Dimensional AutoCAD (Cairo University) (2003).  
: Training on the manufacturing process and the maintenance of washing machines, water heaters, cookers and Boiler maintenance at GMC Manufacturing Company (2003).  
: Training on basics of machines and its different usages and making a project using these different types of machines (lathe, drilling, milling and grinding). Basics of wood industry and sand casting ways at Higher Technological

- Institute (2002).
- : Upper Advanced English language course at British Council (2002).
- : Training at Mercedes-Benz workshop (2001).

## CHRONOLOGICAL EXPERIENCE RECORD

**Employer** : El-Amaar Consultant Engineering (Smart Village)  
**Job title** : RE

**Dates** : From Feb. 2019 till Jan. 2020  
**Employer** : Kharafi National  
**Project** : New Capital  
**Job title** : Mechanical Construction Manager  
**Job Description** : Responsible for:

- Mep's.
- Site Coordination.
- Design Coordination.

**Dates** : From Feb. 2016 till Dec. 2018  
**Employer** : Orascom Constructions  
**Project** : New Capital CCPP 4800MW  
**Job title** : Mechanical Team Leader Gas Turbine & Steam Turbine Engineer  
**Job Description** : Performing the construction work and support in cold commissioning for 8 Siemens gas turbine units class SGT5-8000H and Steam Turbine, responsible for:

- Installation of turbines and generators.
- Installation of auxiliary equipment (Pump, tank and skids).
- Assembly and installation of overhead cranes.
- Supporting steam duct and hot box installation.
- Support in ECCs walk downs for the gas turbine different systems (drainages, Cooling air, Secondary air, Blow-off systems as well as Base Module systems).
- Flushing for Lube oil and Hydraulic systems until getting the particle counts acceptable and all other criteria within permissible ranges.
- Finalize all list of open points "L.O.P list" after first firing.

**Dates** : From Jan. 2015 till Jan. 2016  
**Employer** : El Sewedy Electric T&D / GE  
**Project** : 2x25MW GE TM2500+ Aero derivatives units  
**Job title** : Senior Mechanical Engineer  
**Job Description** :

- Main trailer / Auxiliary trailer setup.
- Assembly of filter house, Exhaust Stack and Generator ventilation.
- Laser Powertrain Alignment.
- Assist in Testing and commissioning.
- Supervise construction in term of proper method, material reservation and optimum output of labors.

**Dates** : From May 2014 till Jan. 2015  
**Employer** : Jefeko  
**Job title** : Project Engineer  
**Job Description** : Infrastructure.

**Dates** : From Mar. 2014 till May 2014  
**Employer** : Delta  
**Project** : 2x650MW units  
**Job title** : Head of Turbine Department  
**Job Description** :

- Outage for Turbines (HP & LP).
- Checking all parts of steam turbine.
- Replacing the thrust bearing pads.
- Replacing some rotor blades because of the cavitation.
- Balancing and sand Blasting for rotor.

**Dates** : From Aug. 2012 till Mar. 2014  
**Employer** : Kahromika with GENERAL ELECTRIC (GE) / SEPCOIII under the supervision of PGESCO  
**Project** : GIZA NORTH Power Station (2100MW combined cycle - GE gas fired units frame 9FA)  
**Job title** : Head of Gas Turbine Department  
**Job Description** :

- Install of the Gas turbine / Generator and the Auxiliaries.
- Assembly of Exhaust Plenum and Exhaust Diffuser.
- Advise on construction methodologies in coordination with other disciplines / contractors.
- Supervise construction in term of proper method, material reservation and optimum output of labors.
- Analyzing and resolving field problems.

**Dates** : From Nov. 2011 till Jul. 2012  
**Employer** : Trading & Contracting Company as a sub-contractor for Hyundai Heavy Industries (HHI)  
**Project** : Messaid QAFCO "Project Urea Bulk F"  
**Job title** : Senior Mechanical Engineer  
**Job Description** : Installation of piping and pumps.

**Dates** : From Dec. 2010 till Nov. 2011  
**Employer** : Kahromika with KHARAFI NATIONAL COMPANY (KNC) under the supervision of General Electric (GE)  
**Project** : El-Shabab Project (8x125MW GE gas/oil fired 9E units)  
**Job title** : Lead Gas Turbine Engineer  
**Job Description** :

- Installation of the Gas turbine, Generator and the Auxiliary Units.
- Installation of Inlet and exhaust plenums, Air filter system and Fin fan cooler/cooling pumps.
- Installation of water wash skid, water injection, Gas module, GLAC&GNAC, SSOV, Gas fuel skid, CEMS skid, APU skid, Distillate skid, CO2 container and exhaust frame blowers.

- Train Alignment for the Generator, Gas Turbine and the Auxiliaries unit.
- Advise on construction methodologies in coordination with other disciplines/ contractors.
- Supervise construction in term of proper method, material reservation and optimum output of labors.
- Analyzing and resolving field problems.

**Dates** : From Sep. 2008 till Dec. 2010  
**Employer** : Kahromika as a sub-contractor for MITSUBISHI HEAVY INDUSTRIES (MHI)  
**Project** : Cairo West Thermal Project units 7 & 8 (2x350MW MHI gas/oil fired steam units)  
**Job title** : Gas / Steam Turbines Site Engineer  
**Job Description** :

- Installation of gas/steam turbines (LP lower inner and outer casings, rotor and upper inner and outer casings - HIP lower casing, rotor, upper casing and HP Pedestal).
- Generator stators and rotors assembly.
- Train Alignment for the Generator, LP turbine and HIP turbine.
- Assembly of auxiliaries' equipment (Vacuum pump, RSV, MSV, HP by-pass valve, LP by-pass valve, accumulators, main oil tank, jack oil pump...etc.).
- Inspect all foundation embedment's and anchoring.
- Installation of the Over-head cranes.

**Dates** : From Nov. 2007 till Aug. 2008  
**Employer** : Kahromika as a sub-contractor for Hitachi  
**Project** : El-Kureimat Power Station (750MW Combined Cycle)  
**Job title** : Site Engineer  
**Job Description** :

- Installation of turbines and generators and their attachments including auxiliary equipment (pumps and tanks).
- Oil flushing.

**Field of experience** :

- Extensive experience in the construction and commissioning of large thermal power plant. This experience has included a wide range of plant from large simple cycle steam units to gas turbine based combined cycle. Also has experience of large scale desalination plant.
- Experience includes the management of construction of power plant in Egypt and Qatar.
- Management experience includes the technical and commercial management of power stations, management of a gas turbine and steam turbine TFA engineering group.
- Expertise:
  - SGT5-8000H.
  - GE TM2500+ gas turbines.
  - GE 9FA gas turbines.
  - GE 9E gas turbines.
  - MHI 350MW steam turbines.
  - MHI M701F gas turbines.
  - Hitachi 750MW CCGT.