

Holds an Industrial Diploma and has about 35 years hands-on experience working as Mechanical Technician / Supervisor at several projects.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 28/07/1966  
Gender : Male  
Marital Status : Married  
Residence : Esna

## EDUCATION

: Industrial Secondary School Diploma, 1985

## LANGUAGES

Arabic : Native Language  
Italian : Good

## COMPUTER SKILLS

: Windows, MS Office, Internet

## TRAINING COURSES AND CERTIFICATIONS

: Reciprocating Compressor Technology.  
: Centrifugal Compressor Technology.  
: Centrifugal Pumps Technology.  
: Diesel Engines.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Mar. 2015 till now  
**Project** : Egyptian Refinery Project – ERC (HCU, HPU, VDU, SRU, SWS)  
**Job title** : Mechanical Supervisor  
**Job Description** :

- Preparation and performing lube oil flushing for rotating equipment machines.
- Preparation and performing mechanical running test for rotating equipment machines.
- Supervise the commissioning & start-up of rotating equipment.

- Supported plant operations on rotating equipment (pumps, compressors, turbines).
- Ensure that all safety and precautionary requirements and procedures are followed during rotating equipment maintenance & commissioning activities.
- Supervising the maintenance activity and required spare parts
- Supervising the maintenance activities for pumps mechanical seal and compressors dry gas seals.
- Supervising the periodical maintenance for compressors, pumps and other rotating Equipment.
- Support construction pipes – for walk through punching Categorization and prepare test package at A1 (DCU – NHT – DHT) A3 (P3201 – K3501) (nitrogen station).
- Supervise the commissioning & start-up activity of new equipment.
- Prepare for lube oil flushing for all skids (compressors, pumps and blowers).
- Prepare purchase orders for temporary materials & give a technical support to inventory administration.
- Technical advisor for procurement team and purchase special material for rotation tools, flange management tools, maintenance tools, torque wrenches.
- Perform lube oil flushing, chemical cleaning, MSR activities, MRT (official running test).
- Perform start-up at Damien water- RW-utilities -fire water system, EDG, Tankage area, 3, Building area, corc area.
- Lead work team in field within safety guide lines & standards.
- Initial support commissioning team and maintenance team for fabricating tools at outside workshops.
- Supervision – critical lifting activities and prepare critical lifting plan.
- Ensure that all safety and precautionary requirements and procedures are followed during rotating equipment maintenance & commissioning activities.
- Finished lube oil flushing and MSR, MRT for electrical motors & steam, motors for instrument air compressors.
- Complete MSR, preventive, MRT for diesel, electrical, jockey fire water pumps.
- Support operation team to start-up steam boiler, Cooler fans, cooling pumps electrical, steam.
- Complete flushing MSR, MRT for EDG (emergency diesel generator).
- Prepare plan to solve vibration troubles and preventive for mechanical equipment's.

**Dates** : From Jan. 2004 till Feb. 2015

**Project** : EGYPTIAN LIQUEFIED NATURAL GAS PROJECT – ELNG (Two LNG production trains using Phillips Optimized Cascade technology with a capacity of 3.6 MMTPA per train (total feed gas 1,300 MMSCFD))

**Job title** : Machinery Supervisor

**Job Description** :

- Performing the following activities for GE frame 5D and SIEMENS Gas Turbines and GE Centrifugal compressors:
  - Base plate, sole plate & foundation inspection prior to grout Skid.
  - Centerline, leveling, setting positions and grouting.

- Piping connections (cold spring, etc.), soft foot, initial and final hot or cold alignment.
- Preparing Punch items list for Pre-commissioning and commissioning Mechanical activities and checks.
- Maintenance of turbine core engine parts including bearings, shafts, stator, and auxiliary systems.
- Maintenance of turbine auxiliary systems including auxiliary pumps and fans, valves and piping.
- Day to day preventive maintenance activities and checks.
- Spare parts, consumables and cranes handling.
- Major Achievements:
  - January 2013: FR5 GE Turbine's axial compressor inspection.
  - March, April and September 2012: Level inspection "B", for 4 SIEMENS GT35C2 gas turbines.
  - December 2011: Modular Replacement of 3 FR5 GE gas turbines in Train two.
  - July 2011: Modular Replacement of 3 FR5 GE gas turbines in Train two.
  - May 2011: Modular Replacement of 3 FR5 GE gas turbines in Train one.
  - June 2010: Modular Replacement of 3 FR5 GE gas turbines in Train one.
  - April 2010: Replace Dry Gas Seal of two GE centrifugal compressors.
  - March 2010: Re-blade of HP rotor buckets of FR5 GE gas turbine due to high vibration.
  - January 2010: HP rotor replacement of FR5 GE gas turbine due to catastrophic failure.
  - April 2009: Overhaul of GTG2 (SIMENS) gas turbine HP rotor.
  - January and May 2009: Level inspection "A", for 4 SIEMENS GT35C2 gas turbines.
  - December 2008: Replacement of HP & LP rotors of FR5 GE gas turbine due to catastrophic failure.
  - November 2008: GE Gas turbines and centrifugal Compressor time-based overhaul.
  - May 2008: GE Gas turbines and centrifugal Compressor time-based overhaul.
  - May 2007: GE Gas turbines and centrifugal Compressor time-based overhaul.
  - June 2006: GE Gas turbines and centrifugal Compressor time-based overhaul.
  - The construction of ELNG site including all Mentioned accountabilities in installation.

**Dates** : From Feb. 2003 till Nov. 2003  
**Employer** : IMPIANTI INTERNATIONAL – IEMSA  
**Project** : Hebi Pharmaceutical Raw Material Plant under SIEMENS, Qena  
**Job title** : Mechanical Technician  
**Job Description** : Leveling and alignment activities.

**Dates** : From Jul. 2001 till Nov. 2002  
**Employer** : ALEXANDRIA MINERAL OIL COMPANY (AMOC) – FOSTER WHEELER  
**Project** : Bulb Oil Expansion Project  
**Job title** : Mechanical Technician  
**Job Description** : Alignment activities for the following:

- All types of horizontal and vertical pumps.
- Furnace draft fans.
- Reciprocating and centrifugal compressor.
- Adjustment of level, angles, and clearances of air coolers.

**Dates** : From Aug. 2000 till Jul. 2001  
**Employer** : ALEXANDRIA MINERAL OIL COMPANY (AMOC) – IEMSA  
**Project** : Bulb Oil Expansion Project  
**Job title** : Mechanical Technician  
**Job Description** : Alignment activities for the following:

- All types of horizontal and vertical pumps.
- Furnace draft fans.
- Reciprocating and centrifugal compressor.
- Adjustment of level, angles, and clearances of air coolers.

**Dates** : From Aug. 1999 till Jul. 2000  
**Employer** : MIGICON  
**Project** : Aswan High Dam  
**Job title** : Mechanical Technician  
**Job Description** :

- 5 GE Turbines Alignment
- Generator Synchronization at all loads.
- Alignment of Condenser Cooling water pumps.

**Dates** : From 1996 till 1997  
**Employer** : WELCO  
**Project** : South Cairo  
**Job title** : Mechanical Technician  
**Job Description** : Alignment activities for the following:

- All types of horizontal and vertical pumps.
- Furnace draft fans.
- Adjustment of level, angles, and clearances of air coolers.

**Dates** : From 1994 till 1995  
**Employer** : NUOVA CIMIMONTUBI  
**Project** : Somid Power Station 600MW – 2 units  
**Job title** : Mechanical Technician  
**Job Description** :

- Installation and erection of turbines.
- All types of supports related to turbines.

**Dates** : From 1993 till 1994  
**Employer** : IEMSA  
**Project** : DAHSHOUR GAS TURBINE POWER PLANT  
**Job title** : Mechanical Technician  
**Job Description** :

- Alignment of all six stages of each turbine.
- Adjustment of level, angles, and clearances of air coolers.

**Dates** : From 1992 till 1993  
**Employer** : ELIN & RIVA DBRTO  
**Project** : ESNA POWER PLANT  
**Job title** : Mechanical Technician  
**Job Description** :

- Hydro-Turbine main and counter thrust bearing of the six turbines of the barrage.
- Turbine rotor and stator installation.
- Bulb Unit of turbine cooling.
- Installation and erection of turbines.
- All types of supports related to turbines.

**Dates** : From 1986 till 1990  
**Project** : FACTORY 99, Shoubra - Cairo  
**Job title** : Mechanical Technician  
**Job Description** :

- Installation, erection, start-up and maintenance of turbine.
- Installation of turbine shaft, bearings of all types.
- Maintenance of water cooling pumps.