

102128-MEC-16COS-E-2013

Mechanical Construction Manager

Holds a B. Sc. in Mechanical Engineering and has about 9 years hands-on experience working in construction, operation, commissioning and start-up.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 27/06/1991
Gender : Male
Marital Status : Single
Residence : Alexandria

EDUCATION

: B. Sc. in Mechanical Engineering, Alexandria University, 2013

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Training at West Delta Electricity Production Company at Sidi Krir Power Plant units 1 & 2, 2x340MW (2 weeks with operation & 2 weeks with maintenance): I have got information about most of the plant equipment and accessories (Jul. 2010).
- : Construction course at Abu Qir Thermal Power Plant units 6 & 7, 2x650MW, with TERMOKIMIK CORPORATION, Italian Company (the Water Treatment Contractor at ABU QIR Thermal Power Plant site) (Aug. 2011).
- : Training at Ansaldo Boilers, Italian Company (the Boiler supplier & main contractor for Boiler construction work) at Abu Qir Power Plant site (Boiler erection & Preparation for Hydro Tests and Attending Hydro Tests) (Jul./Aug. 2011).
- : Gas turbine Operation & Inspection course (all about Gas turbine Construction, Parts and Maintenance) (Apr./May 2012) at Tadreb Training Center.
- : Construction course for ABU QIR Thermal Power Plant units 6 & 7, 2x650MW Gas/Oil fired (Steam Turbine Generator and Condenser) (Jul./Aug. 2012) in Abu Qir Thermal Power Plant Site under the direction of Mitsubishi Heavy Industries Ltd. Nagasaki Shipyard & Machinery Works (Japanese Company).

- : Turbo machinery course at Egycet Training Center (certified from engineers syndicate): Rotating machines (steam turbines, gas turbines, pumps and compressors) / Operation, maintenance and alignment with all accessories and auxiliaries (fittings, piping, bearings and heat exchangers) (Apr./May 2015).
- : Firefighting course and training at Egycet Training Center:
 - Studying firefighting codes (NFPA, Egyptian code).
 - Studying firefighting systems (sprinkler system, gases system) design and selection.
 - Hydraulic calculations for systems.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2022 till now

Employer : GEICO (Ghrably Engineering Integrated Company): main contractor for ministerial buildings of (irrigation and water resources, Agriculture, the national election commission, national food safety authority)

Project : Egyptian-Japanese University for Science and Technology

Job title : Mechanical Construction Manager

Job Description : Leading a team, supervising following works:

- Supervising HVAC works at site.
- Supervising AHU installation works.
- Chilled water pump room installation.
- Piping works supervision.
- Plumbing works supervision.
- Equipment erection inside the area.
- Ducts installation.
- Ducts insulation.

Dates : From Dec. 2019 till Jan. 2022

Employer : GEICO (Ghrably Engineering Integrated Company): main contractor for ministerial buildings of (irrigation and water resources, Agriculture, the national election commission, national food safety authority)

Project : Administrative Capital Company (ministerial district)

Job title : Senior Mechanical Engineer

Job Description : Mechanical Lead Engineer, responsible about:

- HVAC construction works at irrigation and water resources, the national election commission and national food safety authority.
- Firefighting construction works at the national election commission.
- Responsible about AHU (air handling units) system construction works:
 - Parts installation.
 - Duct installation.
 - Duct testing (smoke test, light test).
 - Duct insulation.
 - Test and balance works.
- Responsible about chilled water system installation:
 - Chilled water pump room installation.
 - Piping fabrication.
 - Hook up installation.
 - Valves installation.
 - Hydrotest for piping system.

- Piping insulation.
- Test and balance.
- Supervising CRAC (computer room air conditioning) unit installation.
- Split unit installation.
- Fan coil unit installation.
- SEISMIC installation works for HVAC & Firefighting systems.

Dates : From Mar. 2018 till Dec. 2019

Employer : GEICO (Ghrably Engineering Integrated Company): main contractor for ministerial buildings of (irrigation and water resources, Agriculture, the national election commission, national food safety authority)

Project : Alexandria kornish grages & tolip square mostafa kamel

Job title : Mechanical Area Manager

Job Description : Mechanical Lead Area, responsible about:

- Firefighting construction works at beach hotel.
- Lobby swimming pool piping systems (vacuum, over flow and feeding).
- Wedding hall firefighting system installation.
- Piping works fabrication.
- HVAC systems installation (split units, VRV units, AHU).
- Fresh air fan installation.
- Firefighting pump room installation and fabrication (piping fabrication, pumps installation and alignment, valves installation, etc.).

Dates : From May 2017 till Mar. 2018

Employer : GEICO (Ghrably Engineering Integrated Company): main contractor for ministerial buildings of (irrigation and water resources, Agriculture, the national election commission, national food safety authority)

Project : Silver Fox Project, National Co. for oils (Cargill)

Job title : Mechanical Area Manager

Job Description : • Mechanical lead area at preparation building, responsible about:

- Piping works fabrication and erection.
- HDPE & underground piping.
- Equipment erection inside the area.
- Ducts and spouts fabrication and erection.
- Building steel structure.

• Responsible about extraction building steel structure installation.

Dates : From Jun. 2016 till Apr. 2017

Employer : WDEPC / EME (ELKROM MIDDLE EAST) CP-106 Contractor for the steam turbine and ACC

Project : West Damietta Extending Project phase 2 Power Plant

Job title : ACC Mechanical Construction Manager

Job Description : • Working with EME at West Damietta extending project phase 2 as a Mechanical Construction Engineer, responsible about ACC (air cooled Condenser) construction works with its piping and accessories erection works supplied from ENEXIO (Dutch company) such as:

- ESD (exhaust steam duct) erection works.
- Responsible about erection of steal structure and base frame for the ACC.

- Responsible about lifting and erection works for condensate collection tank.
- Responsible about erection works for tube bundles and its CCH (condensate collection header).
- Responsible about erection of fan rings and fan drive arrangement.
- Responsible about installation and erection of LRVP (liquid ring vacuum pump), drain pumps, fan group, service hoists, expansion bellows, cleaning system.
- Responsible about erection and installation of SDD (steam duct distribution).
- Responsible about erection and installation of supports and piping systems (Air extraction, Condensate, Cleaning, Drain Pumps, Deaerator) systems.
- Responsible about PTT (pneumatic tightness test) and leakage test of ACC.
- Also responsible about erection of all skids and mechanical works for the Turbine contractor EME (Contract Package) CP-106:
 - Low pressure and high-pressure piping systems.
 - Lube oil system.
 - Seal oil system.
 - Turbine drain system (p91 & p22) material.

Dates : From Jun. 2015 till May 2016

Employer : CEPC / Ansaldo CP-106 the main Contractor for the steam turbine

Project : Giza North New Power Plant

Job title : Commissioning, Start-up & Operation Engineer

Job Description :

- Start-up of Giza North Generation Expansion Power Plant, Thermal P.P (3x250MW Ansaldo Italy Steam Turbine (HPT, IPT & LPT), CP-106.
- Preparing and commission until operation of the Turbine, Generator and the Condenser related systems like gland steam, lifting oil, Lube oil, H2, CO2, Hydrogen seal oil systems and Condenser Vacuum to get it started and operate these different systems.
- Preparing all systems piping and skids for flushing and the required Chemical Cleaning.
- Final check and Review for all mechanical equipment's components before starting and before operation.

Dates : From Oct. 2013 till May 2015

Employer : CEPC / EME (ELKROM MIDDLE EAST) CP-106 Contractor for the steam turbine

Project : Giza North New Power Plant

Job title : Mechanical Engineer

Job Description :

- Construction of Giza North Generation Expansion Power Plant, Thermal P.P (3x250MW Ansaldo Italy Steam Turbine (HPT, IPT & LPT), CP-106.
- Responsible about piping and related supports fabrication and erection (include the quality work for welding and Hydro tests).
- Responsible about the Mechanical work of the Condenser erection and all related accessories (like pumps and skids).
- Worked also for preparing the turn over packages to the Client, and walk down the Plant Systems for handing over the completed work done to the Consultant and the Owner, to get the punch Items and work it around

to close the Punch Items properly.