

101746-MEC-148CKSVY-E-2009
General Lead Mechanical Construction Engineer

Holds a B. Sc. in Mechanical Power Engineering and has 12 years experience, including 7 years in Power Station Generation, 4 years in Petrochemical and 1 year in Water treatment as a Mechanical Construction, Pre-Commissioning and Execute Mechanical Maintenance and Overhauling Engineer.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/01/1983
Gender : Male
Marital Status : Married
Residence : Currently UAE

EDUCATION

: B. Sc. in Mechanical Power Engineering, Aswan University, 2009

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Successfully completed and passed the test of rotating equipment Diploma for 60 hours.
- : International Computer Driving License (ICDL), Programming.
- : AutoCAD 2007 (2D & 3D).
- : Firefighting & HVAC System Design.
- : Successfully completed course 36.5 hours of Project Management Professional (PMP) & Primavera P6.
- : Successfully completed course in OSHA General Industry Safety & Health.
- : Successfully completed 10 hours Occupational Safety and Health course in OSHA Construction Industry Safety & Health.
- : Method of Statement and Risk Assessment.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Mar. 2021 till now
Employer : Prizm Energy for Electromechanically construction
Project : JABAL Ali G Station and D Station
Job title : General Lead Mechanical Construction Engineer
Job Description : Supervise and advising sub-contractors for the below activities:

- Prepare Cost estimation and time schedule for installation work, maintenance, pre-commissioning and operation (cooling tower, compressor, blower, pump, valve and transition duct).
- Supervising piping networks erection as per ASME B31.1.
- Supervising support erection as per ASME B31.3.
- Crude Oil tanks erection as per API 650 and maintenance (changing defected parts, sandblasting and painting) as per API 653.
- Maintenance Exhaust system (stack and transition duct).
- Installation, maintenance and commissioning (centrifugal pump only) as per API 610.
- Installation, maintenance and commissioning Cooling towers, Heat exchanger, chiller and AH units.
- Insulation (Piping and Equipment).
- Refractory Works.
- Reviewing punch list issued by quality control.

Dates : From Dec. 2020 till Mar. 2021
Employer : Hassan Allam for Construction (HAC)
Project : AL-MAHSAMA DWTP JV (METITO – HASSAN ALLAM)
Job title : General Lead Mechanical Construction Engineer
Job Description :

- 1st - Construction Phase piping networks erection and support as per ASME B31.1 and B31.3 and hydro test for Hydro-test activities for piping loops.
- 2nd - Construction Phase One tasks: Erection, commissioning and operation rotating pumps and maintenance Static Equipment (centrifugal pump only as per API 610, Blowers and Filters).

Dates : From Jan. 2018 till Dec. 2020
Employer : Hassan Allam for Construction (HAC)
Project : JV Intecsa and Hassan Allam at FERTILIZERS COMPLEX IN SOKHNA (FCS)
Job title : General Lead Mechanical Construction Engineer
Job Description : Supervise and advising sub-contractors for the below activities:

- 1st Construction Phase One tasks: Erection and maintenance (Rotating & Static Equipment (centrifugal pump only as per API 610), Blowers, Vessels (intermediate, final, venture, acid tank, sulfuric tank and Compaction chamber) with auxiliary piping, hydro test and air below for piping and compaction chamber and chemical cleaning.

Dates : From Mar. 2016 till Jan. 2018
Employer : Elsewedy Electric (PSP) Power System Projects

- Project** : JV Siemens and Elsewedy Electric (PSP) Beni Suef 4800MW CCPP consists of 4 modules each one has 2 gas turbine and 1 steam turbine
- Job title** : General Senior Mechanical Construction Engineer
- Job Description** :
- Supervise and advising sub-contractors for the below activities.
 - My job role is to participate in fast-track execution of:
 - 1st Construction Phase one tasks: Erection 2 Units Gas Turbine 2x400MW (Air intake & Exhaust & and Enclosure system).
 - 2nd Construction Phase two tasks: 2 Units Steam Turbine 2x400MW Rotating & Static Equipment (Condenser Heat exchangers, treatment tanks, all skids and (centrifugal pump only as per API 610)).
 - 3rd Construction Phase one tasks: Head section insulation (Steam turbine & piping).
 - Supervising list of tasks after chemical cleaning and after steam blow.
 - Reviewing punch list issued by quality control.
- Dates** : From Dec. 2013 till Mar. 2016
- Employer** : El-Ofoq for mechanical and construction
- Project** : JV Limak and El-Ofoq in Cairo Airport Expansion and Rehabilitation (TB_2)
- Job title** : Senior Mechanical Engineer
- Job Description** :
- Hydrant System.
 - HVAC System (Duct Work, AHU & Child Water & Cooling Tower).
 - Chiller piping.
 - Insulation (Duct work and Chiller pipe).
- Dates** : From May 2011 till Dec. 2013
- Employer** : JV Elsewedy Electric (PSP) Power System and AVIC/ZTPC International
- Project** : ABU QIR Thermal Power Plant Project (2x650MW Steam Turbine Generators)
- Job title(s)** : Construction Piping Engineer - Site Engineer - Fabrication
- Job Description** :
- Critical piping systems assembly and welding for different sizes.
 - Preparing the main steam, hot and cold reheat lines for the floating phase.
 - Supervising list of tasks after chemical cleaning and after steam blow.
 - Insulation of all piping.
 - Reviewing punch list issued by quality control.
- Dates** : From Jan. 2011 till May 2011
- Employer** : MISR for Mechanical & Electrical Projects (KAHROMIKA)
- Project** : Al-Shabab Power Plant Gas Turbine (8x125MW) - Contract No: 1006 – CP-101 Gas Turbine
- Job title(s)** : Construction Piping Engineer - Site Engineer - Fabrication - W/S Engineer
- Job Description** :
- My job role is to participate in fast-track execution of:
- Power Block (Air Intake & Enclosure & Exhaust).
 - Erecting of GT (on Base & of Base) Piping Works.
 - Establish piping (critical & non-critical) fabrication and erection plan.
 - Insulation and Painting.

Dates : From Jun. 2009 till Jan. 2011

Employer : Misr for Mechanical & Electrical Projects (KAHROMIKA)

Project : Cairo West Thermal Power Plant (UNITS 7 & 8) 2x350MW Gas/Oil Fired Units - Contract: 10053 - CP-118 (Mechanical Equipment's & Piping Installation)

Job title(s) : Construction Piping Engineer - Site Engineer - Fabrication - W/S Engineer

Job Description :

- Critical piping systems assembly and welding for different sizes.
- Preparing the main steam, hot and cold reheat lines for the floating phase.
- Supervising list of tasks after chemical cleaning and after steam blow.
- Insulation of all piping.
- Reviewing punch list issued by quality control.

Field of experience :

- 1 year experience a steam turbine.
- 11 years experience in rotating and static equipment, piping, Insulation, Refractory works, Fire Proofing, HVAC, Firefighting and Steel Structure and some Civil works.
- Responsibilities:
 - Piping Prefabrication workshop (Large bore & Small Bore).
 - Receive isometric drawing Stamped from technical office to start fabrication.
 - Allocate required resources (Manpower - Equipment - tools) to start fabrication.
 - Make material request and receive them from warehouse according to bill of quantities.
 - Follow up fabrication steps according to approved procedure.
 - Follow up daily progress and productivity for fabrication.
 - Make daily and weekly fit up and welding report.
 - Piping erecting at the site (Large bore & Small Bore).
 - Manage Pipe Erection.
 - Following progress in all GT Equipment's and Skids and do Pre-alignment for all GT, ST Equipment's.
 - Make sure safety on site during works according to site Safety instructions.
 - Manpower controlling and distributing the work in the site.
 - Erection Fire Fighting Protection & Hydrant System.
 - HVAC System (Duct Work & AHU & Chilled Water & Cooling Tower).
 - Erection Pipe Supports.
 - Establish piping (critical & non-critical) fabrication and erection plan.
 - Monitor the progress of project work with respect to schedule.
 - Assist in Quality Control During Construction.
 - Assign Scope and Responsibilities to Piping Family.
 - Provide Supervision, Direction and Support for all Piping Personnel.
 - Provide Management Reports as Required.
 - Monthly Evaluation of Manpower and Cost Control.
 - Report Change Notice and Calculate Back Charges as per Project Contract.
 - Knowledge of codes & Standards of (ASME, ASTM, API & PFI).
 - Coordination with QC and HSE Team for Quality Inspection and HSE Measure.
 - Make (RFI) Request For Information.

- Develop punch list.
- Thermal Insulation.
- Issuing work order after getting release for insulation.
- Allocate required resources (Manpower - Equipment - tools) to start Fabrication and erection.
- Follow up fabrication of cladding steps – erection of rock wool.
- Follow up daily progress and productivity of erection according to work. quantity and isometric drawings.
- Make daily and weekly Progress report.
- Get Client & Consultant Punch list Clearance.