

101757-MEC-48CIMQ-E-2012

Mechanical Maintenance Engineer

Holds a B. Sc. in Mechanical Engineering and has about 9 years experience working in maintenance, construction and QC.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 18/04/1990
Gender : Male
Residence : Alexandria

EDUCATION

: B. Sc. in Mechanical Engineering, Alexandria University, 2012

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: CMMS-EAM System: MAXIMO 7.6.1
: Document Control System: Meridian
: Incident Management System: KMI EHS
: BIM-3D System: AUTODESK Navisworks

TRAINING COURSES AND CERTIFICATIONS

: PMP Certified since 2018 and Renewed to 2024, Above Target Score.
: Oil & Gas Skills Company Mechanical Engineering Diploma:

- Gas compressor operation, selection, troubleshooting and maintenance.
- Pumps operation, selection, troubleshooting and maintenance.
- Gas turbine operation, selection, troubleshooting and maintenance.
- Vibration monitoring and analysis for turbo machinery protection system.
- Machine alignment balancing and mechanical sealing.

: Science & Technology Engineering Center:

- Tanks construction.
- Pipeline design and construction.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jul. 2018 till now
Employer : Methanex Egypt
Job title : Mechanical Maintenance Engineer
Job Description :

- Manage assignments according to Methanex procedures and guidelines such as: PTW system, atmospheric gas testing, energy isolation and lock-out/tag-out system, confined space entry, working at heights.
- Responsible for planning, execution, and supervision of live plant and shutdowns activities such as:
 - Welding and heat treatment of piping networks and steel structure.
 - Installation, commissioning, and maintenance activities of mechanical equipment.
- Cooperate with maintenance planning team to plan the weekly schedules and the development of job plan for new work orders.
- Supervise assigned resources such as manpower, tools, and equipment.
- Purchase the spare parts, tools, and equipment required to perform maintenance activity.
- Feedback reporting and labor reporting for WOs to maintain history.
- Plan, execute and delivery of plant change requests PCR's issued from technical department and conduct of pre-start up safety review PSSR according to MOC procedure.
- Preparation of risk assessment for critical activities.
- Preparation of detailed job plan for critical activities.
- A member of the maintenance lead team during planned and emergency shutdowns.
- A performing authority supervisor.
- A member of 2022 turnaround preparation team.
- Outsourced from Alexandria Petroleum Maintenance (APM) Co.

Dates : From Oct. 2016 till Jun. 2018
Employer : PETROJET Co. Central Workshops
Job title : QC Engineer
Job Description :

- Inspection according to project ITP.
- Material inspection and review of the mechanical and chemical properties according to the code requirements.
- Fit-up inspection and dimensional inspection of piping and steel structure.
- Painting and coating application and inspections.
- Supervision of NDT activities, and lead of QC technicians.
- Visual inspection and issue of the release for painting reports.
- Issue the QC reports and packing list for shipments.
- Scope validation and sign off with client's representatives.

Dates : From Jan. 2015 till Sep. 2016
Employer : El Farag for Mechanical Contracts Company
Projects :

- Process Piping and Fire-Fighting Piping Network for Chemical Plant
- Cooling System Piping and Feeding System Piping

- Job title** : Construction Engineer
- Job Description** :
 - Construction Team Leader of piping and steel structure.
 - Planning, execute and supervision of construction activities at site and fabrication workshop.
 - Fabrication of firefighting network.
 - Planning and execution of hydro-test according to applicable procedure.
 - Planning and execution of commissioning activities of piping networks.
- Dates** : From Sep. 2012 till Jan. 2015
- Employer** : Project Services Company
- Projects** :
 - Alexandria East Wastewater Treatment Plant
 - Giza North 1500MW Combined Cycle Power Plant
- Job title** : QC Engineer
- Job Description** :
 - Installation of pump stations and blower stations, 6 units.
 - Erection of aeration tank, 12 units.
 - Preparation of RFIS for consultant engineer's final inspection.
 - Piping pre-fabrication and fabrication of heat recovery steam generators (4 HRSG units).
 - Painting and coating inspection.
 - Material receiving inspection.