

105939-MEC-4CIMQV-E-2017
Mechanical Preventive Maintenance Engineer

Holds a B. Sc. in Mechanical Engineering and has over 2 years hands-on experience working in QC, piping and maintenance.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/04/1994
Gender : Male
Marital Status : Single

EDUCATION

: B. Sc. in Mechanical Engineering, Alexandria University, 2017

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD
: HAP
: EES
: HTRI

TRAINING COURSES AND CERTIFICATIONS

: Training at Petrojet, Alexandria Shipyard, Internal Combustion Engines Lab.
: HVAC.
: Vibration Analysis CAT II.
: Fundamentals of fluid power.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Feb. 2019 till now
Employer : Arab Swiss Engineering Company (ASEC)
Project : Al-Minya Cement Plant 5500 tpd (AMCC), Minia
Job title : Mechanical Preventive Maintenance Engineer

Job Description :

- Measure and monitor equipment conditions, analyze trends and identify the needs for mechanical maintenance taking into account production constraints.
- Prevent failure of equipment using all possible information and data available.
- Cooperate with planners to prepare the PM schedules of all equipment's stoppage.
- Inspector for Vertical Raw Mill, Cement Mills, packing area and different material conveyors types (Bucket elevators, air slide, suction fans, screw conveyors and belt conveyors).
- Tight co-ordination with production to get feedback from operations on equipment condition, availability equipment for maintenance inspection and production constraints.
- Formalized inspection reports, collect and analyze vibration data, alignment control of equipment and establish a mechanical diagnosis.
- Identify short, medium and long term action plans and maintenance strategies for plant's equipment.

Dates : From Mar. 2018 till Nov. 2018

Employer : ORASCOM

Project : Al-Burullus 4800MW Combined Cycle Power Plant

Job title : QC Engineer for insulation

Job Description :

- Witness of acceptance tests and perform final quality check prior to acceptance.
- Liaise with Quality Control personnel on the performance of inspection and quality related activities.
- Inspect and monitor insulation applications. Verification of dimensions, materials, equipment and consumables comply to design details and tolerances are within drawing, code, written instruction and specification acceptance criteria.
- Monitor execution of insulation and activities.
- Conduct Visual Inspection of finished product for fit for purpose.
- Carry out mechanical completion walks on piping, structural, architectural / mechanical systems.
- Witness testing of insulation systems.
- Complete checklist on activities to evaluate and monitor implementation of quality management systems.
- Report results of fabrication surveillance activities to Insulation QC Lead.

Dates : From Dec. 2017 till Mar. 2018

Employer : Romelectro "Rosa"

Project : Al-Burullus 4800MW Combined Cycle Power Plant

Job title : Insulation Piping Engineer

Job Description :

- Referring to building plans and layouts to determine where insulation materials need to be fitted.
- Choosing the most appropriate materials and calculating the volumes required.
- Outlining specific recommendations to clients and explaining how these solutions might better conserve energy.
- Preparing and cleaning the surfaces to be insulated.

- Measuring and cutting insulation materials to size and shape.
- Installing insulation materials, using clips, adhesives and tapes to fit them into place.
- Sealing or boxing in the insulated area with sheet metal or another strong material to protect it from the weather or mechanical damage.
- Maintaining and repairing existing insulation.

Dates : From Aug. 2017 till Nov. 2017

Employer : Engaz through Petrojet

Project : Zohr Development Project - Shorouk Block, Mediterranean Sea

Job title : Piping Construction Engineer

Job Description :

- Know 3D model based on the study layouts under the supervision and following the instructions of area Piping Engineer according to the established Technical Work Practices.
- Know P&ID (piping and instrumentation diagram) and area plan.
- Develop Plot plan and Equipment layouts under the supervision and following the instructions of area Piping Engineer according to the established Technical Work Practices.
- Execute the assigned design and drafting activities following the instructions given by the Area Piping Engineer in accordance with the quality system in force within the Discipline, job requirements, and time schedule.
- Report to the Piping Discipline Head, the main functions of the role will be to execute designing and drafting activities.