

Holds a B. Sc. in Mechanical Power Engineering and has over 5 years of experience in sensitive and mega plants / projects of oil & gas, and petrochemicals with various roles like Project Engineer, Piping Engineer, Commissioning Engineer and Machinery Engineer.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 18/01/1989
Gender : Male
Residence : Alexandria

EDUCATION

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

LANGUAGES

Arabic : Native Language
English : Fluent
French : Basics

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD, Photoshop, PDMS 11.5, Primavera, CAESAR II

TRAINING COURSES AND CERTIFICATIONS

: PMP course.
: SKF bearing course (certified).
: Dry gas seals fundamentals – John Crane.
: API 682 (3rd & 4th Edition) & Sealing Technology – John Crane.
: Gas turbines selection and troubleshooting – Enppi.
: Vibration analysis (in progress).
: AUC courses Shutdown planning using PRIMAVERA (AUC).
: OSHA preparing course (certified).
: Welding Fundamentals.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jun. 2016 till now
Employer : KHALDA Petroleum Company (APACHE Joint Venture)
Job title : Rotating Equipment Maintenance & Technical Support Engineer
Job Description :

- Acting as a member of machinery team during all project phases (engineering, construction, commissioning and start-up).
- Create technical specifications, Material requisitions, Technical evaluation reports, and review design calculations and fabrication drawings for all rotating equipment.
- Witness of all machinery equipment tests i.e. mechanical run test, performance test, etc.
- Supervise all installation works, commissioning, start-up, maintenance / troubleshooting for all machinery equipment at site.
- Participated in system Establishing and GO LIVE of ORACLE system for KHALDA.
- Issue Root Cause Analysis (RCA) for all raised defects / troubles at site.
- Responsible for maximizing equipment's reliability through using planned maintenance most effectively (a possible measure of success might be "how long each piece of equipment ran at full design capability after planned maintenance was done").
- Responsible for maximizing equipment's availability through most effectively using planned maintenance (a possible measure of success might be "lost production time due to planned maintenance per week or month").
- Responsible for analysis of data in the CMMS to learn how to improve the service delivery.
- Responsible for preparing all maintenance report to ensure tracing of maintenance cycle progress, reliability, availability, capability and life cycle profit.

Dates : From Jan. 2014 till Jul. 2016
Employer : Egyptian Maintenance Company (EMC)
Project : Bechtel
Job title : Rotating Equipment Mechanical Engineer
Job Description :

- To successfully perform an asset refurbishment (where required) to the existing equipment to a condition that shall assure the reliable operation of this equipment at agreed completion date.
- To minimize the replacement of parts and maximize the re-use and repair of existing parts with a view of being cost-effective to comply with estimated budget.
- To implement the recommended engineering Practices in all technical and project management aspects.
- To maintain highest standards for Quality, health, safety & environment (QHSE) requirements.
- To sustain efficient and effective communication among all parties and to keep them well informed.
- To carefully manage project technical risks and opportunities.

Dates : From Sep. 2013 till Jan. 2016
Employer : Egyptian Maintenance Company (EMC)
Project : Middle East Oil Refinery (MIDOR)
Job title : Rotating Equipment Mechanical Engineer
Job Description :

- Responsible for maintaining pumps, mixers, gearboxes, compressors and air coolers according to API instructions and manufacture specifications.
- Direct supervision for workshop activities to maintain refinery equipment's and new fabrications or modifications.
- Contribute in the department paper work routine such as daily progress, daily reports, monthly reports, work orders and spare parts material list, Prepare scope of work to determine the required resources and spare parts for turnaround activities.
- Development, implementation and review of all maintenance work procedures according to HSE and working environment requirements.
- Prepare permits to work and Job safety analysis in conjunction with concerned parties for General maintenance activities.
- Prepare risk analysis and tool box talk for every job.
- Participate in risk assessment plan and JSA.
- Prepare detailed reports about any activity and routines.
- This maintenance according to yearly plan as preventive and corrective maintenance. Par Major overhaul for all compressors, pumps, mixer and air coolers for the following equipment:
 - Compressors: NOUVO PIGNONE, DRESSER RAND, HITACHI.
 - Pumps: INGERSOLL / DRESSER, GABBIONETA, MILROYAL.
 - Air coolers: HAMON D'HONT.
 - Turbines: Shin Nippon, Solar.

Dates : From Jun. 2013 till Nov. 2013
Employer : Alexandria Petroleum Maintenance Company (PETROMAINT)
Project : Middle East Oil Refinery (MIDOR)
Job title : Rotating Equipment Mechanical Engineer
Job Description :

- Global Maintenance for area equipment and coordination for each activity.
- Follow preventive maintenance requirements in compliance with CMMS output.

Dates : From Feb. 2013 till Jun. 2013
Employer : Egyptian Maintenance Company (EMC)
Project : Egyptian Liquefied Natural Gas Company - ELNG
Job title : Mechanical Projects Engineer
Job Description : Conduct the following activities within two projects of "Waste Heat Recovery System" and "Boil-Off Gas system":

- Participating with issuing the required permits for each activity.
- Supervision of piping erection and fabrication activities according to the approved isometrics.
- Supervision of welding activities for both of carbon steel and stainless steel.
- Reporting as required by the either top management or the client.

- Issuing of both lifting plans and Job Hazard Analysis (JSA) for each activity.
- Supervision and follow up for compressor erection activities.

Dates : From Aug. 2012 till Feb. 2013

Employer : Egyptian Maintenance Company (EMC)

Project : General Petroleum Company - GPC

Job title : Mechanical Maintenance Engineer

Job Description : Performing general maintenance / overhaul activities for the following offshore / onshore equipment:

- Process and fire pumps.
- Diesel engines (Caterpillar & Volvo).
- Reciprocating compressors (AJAX & Waukesha).

Field of experience :

- Good knowledge of American codes & standards such as API, ASTM, ASME, TEMA, NFPA, etc.
- Good knowledge of companies' specifications such as SHELL DEPS, ARAMCO SAMSS, SAES, etc.
- Familiar with maintenance activities / procedures of various oil, gas, petrochemical fields equipment.