

Holds a B. Sc. in Mechanical Power Engineering and 2 Diploma. Has over 10 years hands-on experience working in maintenance field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 19/03/1986
Gender : Male
Marital Status : Married
Residence : Suez

EDUCATION

- : B. Sc. in Mechanical Power Engineering, 2008
- : Higher Diploma in Mechanical Power Engineering, 2016
- : Higher Diploma in Natural Gas, 2016
- : Studying for M. Sc. in Natural Gas Engineering (from 2017 till now)

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

- : Windows, MS Office (Word, Excel, Power Point), Internet
- : Computerized Maintenance Management System (CMMS)

TRAINING COURSES AND CERTIFICATIONS

- : Pumps and compressors technology (El-Naser Petroleum Company).
- : Bearing technology (SKF Company).
- : Vibration analysis (Suez Oil Refinery Company).
- : Gas turbine characteristics and performance evaluation in the field (American University).
- : Vibration predictive maintenance (Netcom Company).
- : Valves selection, installation and maintenance (American University).
- : Compressor set operation and routine maintenance (Solar Company).
- : Advanced vibration (Cairo University).
- : Painting techniques (AGIP Italy).

- : Software packages (Dos and Windows) (Petrobel Company).
- : Microcomputer-aided graphics (AutoCAD level 1) (American University).
- : Report writing in English (Apramac with Petrobel companies).
- : Non-destructive testing fundamentals, techniques and applications (American University).
- : Centrifugal, Reciprocating compressors and Centrifugal pumps (Nuovo Pignone – Italy).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Feb. 2009 till now
- Employer** : BELAYIM Petroleum Company (PETROBEL)
- Projects** :
- PUMPS (GABBIONETTA, WORTHINGTON, NUOVO PIGNONE, BAIRON JAKSON):
 - Perform the required preventive, predictive and corrective, maintenance for all kind of pumps (single stage & multi stages, vertical and horizontal, centrifugal, screw, gear and single or double acting & simplex or multiplex reciprocating pumps).
 - Execute the required overhauling for all pumps kind according to the manufacturer instructions and specifications.
 - Trouble shooting; recommend the needed modifications & changes to prevent the repeated problems and put it in an effective, efficient and safe condition.
 - GAS COMPRESSORS (NUOVO PIGNONE, SOLAR, SUNDSTRAND & PETER BROTHERHOOD):
 - Perform the required preventive, predictive and corrective maintenance for all compressors centrifugal & reciprocating (single & multi-stages) (wet & dry seal gas systems).
 - Execute the required overhauling and inspection for all centrifugal and reciprocating gas Compressors according to the manufacturer instructions and specifications.
 - Trouble shooting; identify the particular problems, its cause and the procedure to solve it to put the units in a good & safe operating condition.
 - Plan the routine and preventive maintenance schedule and the spare parts availability to execute it with a minimum cost.
 - GAS TURBINES (NUOVO PIGNONE, SOLAR):
 - Perform the required preventive, predictive and corrective maintenance for the turbo-Compressors & turbo-generators.
 - Perform the required overhauling and inspection according to the manufacturer instructions and specifications.
 - Plan the routine and preventive maintenance schedule for all gas turbines and the spare parts availability to execute it with a minimum cost.
 - Trouble shooting; identify the particular problems, its cause and the procedure to solve it to put the units in a good & safe operating condition.
 - Supervise the operation and the performance of all gas turbines.
 - FANS, BLOWRS, AIR AND GAS COOLERS (COFEMCO, HADESON,

VENTAX):

- Perform the required preventive, predictive and corrective maintenance for blowers, fans & coolers fixed & variable blades.
- Plan the routine and preventive maintenance schedule recommended to the coolers (adjust pitch angle, tracking, v-belts, bearing check) and spare parts needed to execute it.
- AIR COMPRESSORS (ATLAS COPCO, GARDENER DENEVER, INGERSOL-RAND, COMP-AIR):
 - Perform the required preventive, predictive and corrective maintenance for all types of air compressors (screw & reciprocating), (oil free & oil injection), (motor & diesel engine driven).
 - Identify the operation and troubleshooting problems, its causes and the procedures to solve these problems.
 - Execute the required overhauling & inspection for above compressors.
- TURBO-EXPANDERS (ROTOFLOW, ATLAS COPCO):
 - Perform the required preventive, predictive and corrective maintenance for Roto-flow turbo-expanders and its relevant systems (seal gas and lube oil).
 - Trouble shooting and breakdown problems and put the recommended procedures and modifications necessary to solve the problems.
 - Execute the required overhauling and plans the preventive & routine maintenance for all turbo-expanders.
- MECHANICAL SEALS:
 - Perform the required corrective maintenance for all kind of mechanical seals (john crane, Borg wornner, Flexi box and Borgmann).
- VIBRATION AND CONDITION MONITORING DEVICES & ANALYSIS:
 - Perform vibration measurements, analysis and diagnostic for all machines and put the necessary action to solve the problem.
 - Use all condition monitoring devices such as IRD and CSI companies.

Job title : Mechanical & Rotating Dept. Mgr.

- Job Description** :
- Working in SAP as a Materials Requisitioner & CMMS Planner.
 - SUPERVISION:
 - Responsible for delivering high plant and equipment availability / reliability within a framework for HS standard and disciplined cost control.
 - Provide advice and assistance to the production department with regard to all plant rotating equipment's.
 - Review plant & rotating equipment's performance and makes maintenance improvements.
 - Initiate facility modification forms & review engineering packages / technical proposal / documents and supervise the execution.
 - Ensure that work is carried out in a safe manner, coordinate the planning of daily work schedule and prepare 2-year work program.
 - Provide technical advises to both the purchasing and material section. When necessary initiates details spare holding reviews.