

102019-MEC-148CMS-E-1997
Head Manager Mechanical Maintenance Engineer

Holds a B. Sc. in Mechanical Power Engineering and has about 23 years experience working in Mechanical maintenance / installations / Projects pre-commissioning & commissioning at power stations, sea water desalination plants and petroleum refinery fields.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 16/05/1970
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University, 1997

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office, Internet
: Visual Basic
: PEMAC-ORACLE

TRAINING COURSES AND CERTIFICATIONS

: Pipeline Intelligent Pigging (PETROMAINT).
: Mechanical seal failure (Sidi Krir Power Plant).
: Condensate steam traps (MIDOR Refinery).
: Visual inspection for N.D.T (Inspecta Middle East for inspection).
: Basic Management Skills (Oil & Gas Skills Co. "OGS").
: Diesel Engine Maintenance & Troubleshooting (Engineering Center "Faculty of Engineering - University of Alexandria").
: High Pressure piping "ASME 831.3".
: Strategy Negotiation (Science & Engineering Technology Centre "ETC").
: Upper Intermediate and Conversation Skills Courses from the British Council (from Jan. till Nov. 2000).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From 2003 till now
Project : MIDOR Refinery
Job Description :
- Head Manager Mechanical Maintenance Eng. (from 2013 till now):
 - Following up & carrying out planned, corrective and major overhauling maintenance activities.
 - Promote Refinery Health, Safety and Environmental Management System.
 - Contribute to the Formulation of Maintenance Plans and Budgets.
 - Control the Cost of the Mechanical Maintenance Function within Agreed Budgets.
 - Manage the Mechanical Maintenance Function.
 - Monitor and Improve the Service Provided by the Mechanical Maintenance Group.
 - Contribute to the Preparation for, and Management of Shutdowns, Inspections and other Special Activities.
 - Motivate, Train and Develop Subordinate Personnel.
 - Section Head (Senior Mechanical Eng.) (from 2010 till 2013):
 - Supervision of carrying out maintenance tasks via computerized program (ORACLE).
 - Coordination between the Owner Company (MIDOR) and sub-contractors.
 - Issuing material requisition for spare parts and studying tenders.
 - First & Excellent Mechanical Maintenance Eng. (from 2003 till 2010):
 - Waste oil separator skimmer (Greasing bearings - Alignment - Check for smooth operation - Check driving chain).
 - Sulfur solidifier unit (SANDVIK); Check water nozzles - Alignment - Greasing bearing - Check Chain.
 - Storage tanks Fixed roof/ floating; check bottom plates' thickness - Roof seal.
 - Heat exchangers & piping system (HDPE /PVC/ metal); cleaning tube bundle - Hydro testing on shell & tubes.
 - Motor & turbine-driven pumps "Single & Multi stage" (KSB-INGERSOL DRESER); check turning gear-changing oil - check alignment - check mechanical seal components & bearings - shaft run out - troubleshooting).
 - Steam turbines (SIEMENS-NUVO PIGONE); check impulse blades - Alignment - check bearings & labyrinth - troubleshooting.
 - Tankmixers (check backlash of gears - check mechanical seal & bearing).

- Dates** : From Apr. 1999 till May 2003
Project : Sidi Krir Power Plant
Job Description :
- Worked as an Operation Engineer before transferring to steam turbine and accessories maintenance department in Nov. 1999, the main tasks included the followings installation and commissioning activities:
 - Steam turbine & generator (SIEMENS); check impulse blades - Alignment - check bearings & labyrinth troubleshooting.
 - Air centrifugal compressor; cleaning filters & coolers - Changing oil

- overhauling - Troubleshooting.
- Mechanical traveling screens; greasing & changing bearings - check water sprays - Troubleshooting.
- Motor & turbine-driven pumps; check turning gear - check alignment - check mechanical seal components & bearings - shaft run out - Troubleshooting.
- Fire fighting system; check & fixing DELUGE valves.
- Air dryers, check operation - Observing silicates - Fixing ball valves.
- Reciprocating piston compressors (COMPARE - NUVO PIGNONE); check liners & rider ring - check piston rings - check piston rod packing - check orbit valves - piston rod run out - check main bearing of crank shaft).
- Centrifugal compressor (CENTAC INGERSOLL); check & fixing dry gas seal - check the backlash of gear box - cleaning water oil heat exchangers - check & fixing lube oil pumps - Changing shaft bearings).
- Dealt with the following companies during that period:
 - TECHINT CIMIMONTUBI (Mechanical equipment & piping system).
 - SIEMENS (Turbines).
 - HITACHI (Sea water desalination plant).