105887-MEC-14CMY-S-2007
Rotating Equipment Supervisor

Has about 16 years experience working as Mechanical Technician / Supervisor at several projects.

PERSONAL DATA

Nationality	:	Egyptian
Birth Date	:	21/11/1987
Gender	:	Male
Marital Status	:	Married
Residence	:	Menoufia

LANGUAGES

Arabic	:	Native Language
English	:	Very Good
French	:	Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel), Internet

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jun. 2017 till now (part time)

Employer : Egyptian Maintenance Company – EMC (IRAQ Branch)

Project : ENI, ZFOD Projects - Zubair Field at Basra, Iraq

Job title : Rotating Equipment Supervisor

Job Description :

- Implementing the Maintenance programs for predictive and proactive maintenance for all rotating equipment & Screw Compressor Ingersoll rand IR90132 and Fan coolers.
- Performing the shaft alignment for all rotating equipment using dial gauge & laser device (easy laser).
- Carrying out troubleshooting, identify RCA and suggest corrective actions.
- Carrying out the execution of mechanical preventative, corrective maintenance for rotating & static equipment and checks and activities (Planned Maintenance Routine).
- Carrying out rotating equipment overhauling and starting up such as:
  - Centrifugal single stage pumps:
    - ❖ Carrying out mechanical Preventive maintenance (PM) activities according to manufacture recommendations.
    - ❖ Carrying out troubleshooting, identify problems and suggest corrective actions.
    - ❖ Carrying out total dismantling, inspection & overhauling for the

pump components including pump shaft, bearing, mech seal & impeller Carrying out mechanical seals overhauling, testing and installation.

- ❖ Carrying out mechanical seals overhauling, testing and installation.
- ❖ Carrying out pump shaft to motor shaft alignment using laser ROTALIGN device.
- ❖ Carrying out pump start-up and commissioning.

- Centrifugal Multi stage pumps:
  - ❖ Carrying out mechanical Preventive maintenance (PM) activities according to manufacture recommendations.
  - ❖ Carrying out troubleshooting, identify problems and suggest corrective actions.
  - ❖ Carrying out total overhauling for the pump including:
    - ➢ Removing for the total assembly of the pump.
    - ➢ Checking all the related clearances for the rotor components such as radial DE & NDE bearing, wear rings with the shaft impellers, center bush & throttling bush for the DE and NDE sides of the shaft.
    - ➢ Check the shaft positioning and carrying out total float adjustment.
    - ➢ Checking the shaft end play and carrying out adjustment by using shims with different thicknesses.
    - ➢ Tightening the bolts with the recommended torque values.
    - ➢ Carrying out mechanical seals overhauling, testing and installation.
    - ➢ Carrying out pump start-up and commissioning.
- Centrifugal compressors:
  - ❖ Carrying out mechanical Preventive maintenance (PM) activities according to manufacture recommendations 1Y & 2Y PM activities.
- Cooling fans:
  - ❖ Carrying out mechanical Preventive maintenance (PM) activities according to manufacture recommendations.
  - ❖ Carrying out troubleshooting, identify problems and suggest corrective actions.
  - ❖ Carrying out static equipment maintenance and overhauling such as:
    - ➢ Ball valves (petrol valves, GROVE).
    - ➢ Wellheads HIPPS & CHOKE valves (MOKVOLD).
  - ❖ Carrying out mechanical preventive maintenance related to the cleaning and greasing of the valves.
  - ❖ Carrying out troubleshooting, identify problems and suggest corrective actions.
  - ❖ Carrying out total dismantling, inspection & overhauling for all the valves components.
  - ❖ Carrying out hydro test for the valves to test both (seats and body).
  - ❖ Carrying out installation by applying flange management system (tightening the valves flanges with its correct torque by the required manual torque wrenches or by hydraulic tools like hydra-tight).
- Static conventional relief valves:

- ❖ Carrying out mechanical Preventive maintenance (PM) activities according to manufacture recommendations 4Y PM.
- ❖ Carrying out total dismantling, inspection & refurbishment for all the valves components.
- ❖ Carrying out lapping for the valves seat and insert discs.
- ❖ Carrying out adjustment for the valves set pressure.
- ❖ Carrying out pneumatic test for the valves using VENTIL device for PSV.
- ❖ Carrying out hydraulic test for the valves using hydraulic hand pumps for PRV.
- ❖ Carrying out installation by applying flange management system.

Dates : From Apr. 2014 till Jun. 2017
Employer : GS
Project : ERC Egyptian Refining Company / Mostorod
Job title : Mechanical Supervisor
Job Description :

- Performing all required maintenance (preventive, corrective) for Archimedes -Screw-pumps (LENZE), centrifugal pumps (GARBARINO, Weir), RAM pumps, cavity pumps, Hydraulic couplings (TRANSFLUID).
- Performing shaft alignment using Dial indicator & (easy laser) for rotating equipment.
- Repair all types of valves (Gate, Ball, Globe, NRV, …).
- Execution maintenance work orders planned and corrective on Front Line program.
- Supervision of major overhauls for gearboxes up to 700 kw (HANSAN) and tacking the required measuring for the gearbox.
- Attending shutdown meetings.
- Preparing all the required scaffolding (material and manpower).
- Preparing all the required Hot & Cold thermal insulation.
- Reviewing isolation plans for the vessels, tanks, separators, heat exchangers, etc.
- Carrying out positive isolation for the vessels, tanks, separators, heat exchangers, etc.
- Carrying put preparations for all the required resources for the positive isolation such as Gaskets, blind flanges, spades, spectacle blinds, etc.

Dates : From Apr. 2010 till Apr. 2014
Employer : Edra Energy
Project : Sidi Krir Electricity Station (Boot / 2x320MW)
Job title : Mechanical Technician
Job Description :

- Direct the implementation of established maintenance procedures.
- Maintain a current knowledge of plant operational conditions.
- Carrying out required punch list for all new equipment and new wellheads.
- Carry out major repairs & overhauls in accordance with BAPETCO, SHELL HSE regulations.
- Lifesaving rules applying during any planned or corrective maintenance jobs.
- Potable & Demine water units (RO) Routine PVC pipes damage and

leaks fixations (H2O Innovations desalination plant).

- Preparing the maintenance activates in accordance to company rules.
- Compiling PMR procedures for any new equipment according to the manufacture's manuals, specifications & company safety regulations.
- Preparation of monthly activity reports, daily reports, technical reports & failure analysis reports, highlight reasons for equipment failures and raise / review recommendations to rectify such malfunctions.
- Preparing Task Risk Assessment (TRA) for all mechanical activities.
- Review and advice on stock levels for spares based on equipment history & consumptions.
- Updating the PMRs (preventive maintenance routines) according to findings & requirements.
- Reserving the required spare parts for each job as required, assign tasks to correct team and follow up till job execution.
- Overhauled, tested and installed various types and arrangement of Mechanical Seals.
- Carried out shaft to shaft alignment for all rotating equipment by laser ROTALIGN device.
- Provide field change proposals (FCP) for rotating and static equipment to improve their operation, performance, integrity, reliability & efficiency.
- Attending planning meetings with other departments for preparing planned future jobs and accommodates their urgency.

Dates : From 2007 till 2010

Employer : Petromaint

Project : AMOC site

Job title : Mechanical Technician

Job Description :

- Service and maintenance rotating equipment in AMOC site for:
  - Reciprocating compressor (Dresser Rand – Sulzer – Atlas Copco).
  - Centrifugal compressor (Demage Deleval – Ingrsol Rand), Vacuum pumps, (Siemens), Mixers (Plenty & Lightning).
  - Air fan Coolers (Nuovo Pignone, Comet & cofemco), Chillers, Blowers.
  - Diesel engine (Caterpillar).
- Maintenance and troubleshooting of cranes, Steel pipe mill line, and Steel cutting line.
- Maintenance and troubleshooting two compression units.