

Holds a B. Sc. in Mechanical Power Engineering and has more than 12 years hands-on experience working in maintenance field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 23/06/1981
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University, 2004

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD

TRAINING COURSES AND CERTIFICATIONS

: Caterpillar engine diesel engine Course (3516, 3508).
: Lubrication oil program course.
: Rig Management System Course under Randy Smith Supervision.
: SAP Plant Maintenance Module Course under Halliburton Supervision.
: Advanced firefighting Course from Arab Academy Training Center.
: Basic Offshore Safety Induction Emergency Training (BOSIET).
: Occupational safety and secured working environment.
: PMP preparation Course under Cairo University Supervision.
: Life boat training course in Arab Academy Training Center.
: Offshore medical certificate of fitness to work in the OGUK.
: Helicopter under Water Escape Training (HUET).
: Offshore survival and emergency response.
: Fire & safety at work.
: Manual handling and safe lifting techniques.

- : Combined Gas Testing and Confined Space Entry.
- : Lifting operations and Lifting Plans.
- : Power tools safety and procedures.
- : High pressure power washers safety and procedures.
- : First aid and CPR training.
- : Advanced Fire fighting.
- : H2S awareness and procedures.
- : Crystalline Silica Hazards & protection.
- : Baroid Surface Solutions – Centrifuge operation and maintenance.
- : Basic blowout prevention equipment components.
- : Chemical products identification, handling & storage procedures.
- : Basic procedures of radioactive materials transportation.
- : Electrical safety.
- : Environmental awareness.
- : Power systems and instrumentation.
- : Rotating equipment, Mast and substructure.
- : Mud circulation and treating equipment.
- : Introduction to drilling fluids.
- : Introduction to rig types and basic drill string components.
- : Working in extreme temperatures.
- : Waste minimization awareness.
- : Well logging, mud logging & drill stem testing.
- : Basics of casing and cementing.
- : Basic nitrogen safety.
- : Probabilistic cost models.
- : Slips, trips & falls.
- : Hand and finger safety.
- : Ergonomics - general awareness.

CHRONOLOGICAL EXPERIENCE RECORD

Dates	: From Apr. 2016 till now
Employer	: Eprom (Egyptian Projects for Operation and Maintenance)
Project	: Khalda Petroleum Company (Western Desert - El Salam Base)
Job title	: Rotating Equipment Engineer
Job Description	: Conduct corrective maintenance and preventive maintenance for the following: <ul style="list-style-type: none"> • Engine Reciprocating Compressor Package (Ariel, Dresser Rand, Gardener Denver, Cameron - Ajax). • Gas Turbine Compressor Set (SOLAR). • Gas Turbine Generator Set Mobile Power Unit (SOLAR). • Screw Compressor (Atlas Copco, Motivair) • Centrifugal Pumps (ITUR, Dean, KSB, Goulds) • Vertical Pumps (Dresser Rand, Afton, SUNDYNE, FLOWSERVE) • Seal less pumps (HERMATIC)

- Dosing Pumps 'Reciprocating, Diaphragm' (BRANLUBBE, MILTONROY, WILDEN).
- Centrifugal blowers (CBI Blowers), Fin fan coolers (Moore fans) and lobe blowers (Robox).
- Air Cooler, Cooling Tower Fans (Moore, Air-X-Changers, Howden).
- Vane Liquid vacuum pumps (SAMSON).
- Mechanical Seals, Dry gas seal (John Crane, Burgmann, and Kobe steel).
- Mixers.
- Gas Engine (Cat, Waukesha, Ajax).

Dates : From Oct. 2013 till Mar. 2016

Employer : Halliburton Oilfield Services

Project : Offshore & Onshore West Africa

Job title : Technical Professional

Job Description :

- Equipment involved: Water treatment units, Vertical Dryers, Centrifuge Decanters, progressive cavity pumps, Variable Speed gearboxes, Dosing Pumps, Diaphragm Pumps, Reciprocating Compressor, Pneumatic and Hydraulic Systems, Reciprocating Pumps, Triplex Pumps, SupaVac, Screw Conveyors, HCB Tanks, Diesel Engines.
- Complying with company integrated HSEQ management system.
- Ensure that all new and existing equipment installations and maintenance activities are completed in accordance with applicable standards.
- Make recommendations to implement/expedite repairs on failed rotating equipment.
- Execute shutdowns and turnarounds procedures whether programmed or unexpected.
- Develop and support procedures for routine repairs of rotating equipment i.e. "Major Equipment Repair Guidelines and Overhaul Procedure".
- Ensure the provision and management of the Two Years Spares for critical Mechanical equipment.
- Manage and allocate resources (manpower, tools and equipment) to achieve successful project execution phases (pre-commissioning, commissioning and performance test run until the normal operation).
- Contribute to the preparation of maintenance plans and budgets.
- Participate in technical audits and compliance assessments, and follow up on closure of remedial action plans.

Dates : From Dec. 2004 till Oct. 2013

Employer : Transocean Oilfield Services

Project : Offshore Egypt

Job title : Rig Mechanic

Job Description :

- Maintenance and overhauling of the following:
- Diesel Engine (Caterpillar 3516 B).
- W200 Triplex Pump.
- Pumps (Centrifugal, Gear & Reciprocating).
- Mud Pumps (14-P-220 NOV).
- Top Drive (PS2 650/750 NOV).
- Draw Work (NOV 1625-UDBE).

- Air Hoist (Ingersoll-Rand).
- Water Maker (Alfa Laval & Mecro).
- BOP Closing Unit (CAD Unit).
- Hydraulic Cranes (Pump driven by diesel engine & electrical Motor).
- Fuel oil purifier (Alfa Laval).
- Heat Exchangers (Plate and frame & Shell and Tube).

- Field of experience :**
- Knowledge of systematic root causes failure analysis (RCFA) and problem solving techniques.
 - Establish in conjunction with Maintenance a Rotating Equipment Preventive, Predictive, and Corrective Maintenance Programs.
 - Solid knowledge of hydraulic evaluation.
 - Hands-on experience in the troubleshooting and repair of Engine Reciprocating Compressors Package, Diesel engine, Plunger Pump, Gears, Mechanical Seals & flush plans, API Pumps.
 - Solid knowledge of offshore drilling operation and procedures and Rig Equipment.
 - Team player with multi-cultural exposure, strong ownership & safety commitment.
 - Exposure to large scales projects (local & International).
 - Professional computational skills with AutoCAD and Office packages.
 - Organize and promote Rig maintenance system (RMS), SAP Plant Module System.