

106297-MEC-1458CDMOS-E-2004
Steam Manager (Operation & Maintenance Engineer)

Holds a B. Sc. in Mechanical Engineering and has over 14 years hands-on experience working in operation and maintenance (specialist boilers, water treatment and steam injection to oil wells).

PERSONAL DATA

Nationality : Egyptian
Birth Date : 12/07/1980
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Mechanical Engineering, Tanta University, 2004

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: MS Project
: AutoCAD 2D
: Computerized Maintenance (IMPAC System)

TRAINING COURSES AND CERTIFICATIONS

: Process training for thermal power plant by Sidi Krir Power Station and POOT association.
: Boiler operation & maintenance in Sidi Krir Power Station.
: Auxiliaries operation and troubleshooting e.g. feed water pumps, both turbine and electrical (drum level control), circulate water pumps (sea pumps), condensate pumps, service pumps, closed cycle cooling water system and air compressors...etc.
: Desalination plant (M.S.F.) & (RO) operation.
: Distributed control system (DCS).
: Fire fighting and safety training course.
: First Aid & Lifting course (Oil safe).
: H2S hazards & Control (Oil safe).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Aug. 2015 till now
Employer : MENA INTERNATIONAL PETROLEUM Company Ltd
Project : Lagia Oil Field - Ras Sidr
Job title : Steam Manager (Operation & Maintenance Engineer)
Job Description :

- Operation, installation, modification and maintenance of different types of steam generators while ensuring usage of resources is cost effective.
- Executing the installation, acceptance tests and maintenance for the operating systems of steamers.
- Make work plans, Ensure the entire department activities are complying with HSE standards efficiently.
- Design and supervise the fabrication of piping systems for steam.
- Assuring that all installations, tests and inspections that take place in the field follow any of the multidisciplinary engineering codes such as ASME codes, API standards and HSE regulations...
- Spares balance investigation and inventory control for all instruments' spare parts.
- Troubleshooting the steam boiler sequence.
- Follow up commissioning activities in new steamers while writing punch list to report it to Consultants & CEO Managers.
- Arrange steam staff rotation schedule and revising the steam staff attendance and leave record.
- Coordinate & deal with the other departments for steamers, and wells injection requirements for enhanced oil recovery.

Dates : From Mar. 2010 till Aug. 2015
Employer : SCIMITAR PRODUCTION EGYPT Company Ltd
Project : Issran Oil Field - Suez Gulf
Job title : Steam Senior Engineer (operation & maintenance)
Job Description :

- Make work plans, Ensure the entire department activities are complying with HSE standards and efficiently. Communicate with Operations Manager and field superintendent to keep them informed on and take their recommendations. Obtain approval for new plans and other related matters.
- Enhanced heavy oil recovery using steam injection.
- Inject steam by Boilers (6, 20, 2x25, 50 & 8x60 MBTU).
- Start-up, shut down, trouble shooting, and normal operation for oil field steam generators.
- Implementing the injection plan, follow and manage the field activities through the steamer operators.
- Reporting the incidents to the field superintendent.
- Check that the steam injection parameters are in range (pressure, temperature, quality...).
- Write the steam daily report which indicate the steamers situation, steaming wells parameters, water consumption and water reserve.
- Water treatment system and R.O Desalination plant.
- Deal with Steam injection types (flooding & cyclic).

Dates : From Mar. 2009 till Mar. 2010
Employer : Sidi Krir Management Services Company Ltd
Project : Sidi Krir 3 & 4 Power Station (2x360MW)
Job title : Operation Engineer / Plant Operator (PO)
Job Description :

- Plant system safe start-up, safe operation and safe shut down.
- Write work order and LOTO for maintenance jobs using GD EDWARD SOFTWARE SYSTEM.
- Isolate the equipment's for maintenance jobs (Mechanical and electrical devices) and inspect the equipments after jobs finishing and line up systems for operation.
- Dealing with Electrical Maneuvers for 220KV, 66KV, 6.3KV and 400V.
- Transfer the data from DCS to the computer by using PI program and link it with EXCEL sheet.
- Solve the operation problems.

Dates : From Jun. 2008 till Mar. 2009
Employer : Misr Co. for mechanical and electrical projects (KAHROMICA)
Project : NILE SUGAR PROJECT
Job title : Site Engineer (construction)
Job Description :

- Management and surveying Mechanical Contracts.
- Erection of steel structure (two boiler).
- Erection of Boiler.
- Erection of pulp dryer station.
- Inspection of welding defects.

Dates : From Jan. 2005 till Jun. 2008
Employer : West Delta Electricity Production Co.
Project : Sidi Krir Power Station (2x320MW)
Job title : Boiler & Desalination Plant Maintenance & Operation Engineer
Job Description :

- Boiler & Desalination Plant Maintenance Engineer (from Oct. 2006 till Jun. 2008):
 - Carry out the preventive maintenance activities and repair activities for rotary equipments and fans and pumps in utilities scope during normal operation and plant shut down & inspections and repair work for static equipments, to insure reliable operation in safe conditions.
 - Steam boiler maintenance Specification (166 bar, water tubes, single dram, natural gas and mazout fired system).
 - Maintenance of pumps (centrifugal, condensate, diaphragm, screw, sump, gear) Preventive, periodic and general maintenance and Maintenance of valves (butterfly, globe, gate, relief, check, ball, diaphragm, plug, pneumatics valves, control valves).
 - Maintenance of (mazout burners, natural gas burners, pneumatic dampers and Inspection of furnace tubes).
 - Maintenance schedules, repair work and fixation clearance for air gas heater, tuning air to fuel ratio for dual (gas & oil) burners, FDF & GRF aliment, soot blower inspection.
 - Specification for Desalination: MSF 5000 ton/day), Responsibilities for Desalination Plant:

- ❖ Organize and involving all types of (preventive, periodic, routine) maintenance.
 - ❖ Maintenance of pumps (condensate, distillate, BRP, BBDP, sea water pumps).
 - ❖ Maintenance of (Brine heater, Desalination plant valves).
 - ❖ Solve any troubleshooting of the equipment.
 - ❖ Control the spare parts planning, purchase, and inspection activities.
- Boiler & Desalination Plant Operation Engineer (from Jan. 2005 till Oct. 2006):
 - Safe start-up and shutdown for the units.
 - DCS Unit Operation Engineer.
 - Boiler operation processes e.g. boiler start up and normal operation air control, fuel control, soot blowing, both natural gas and oil (Mazout) fire.
 - Unit auxiliaries operation processes including: feed water pumps, both turbine and electrical, (drum level control); circulate water pumps (sea pumps), condensate pumps, service pumps, closed cycle cooling water system and air compressors...etc.
 - Desalination plant operator multi flash chamber M.F.T (2 x 5000 ton/day).
 - Auxiliary boiler PLC controller.
 - Supervision for work order course (EMPAC program – Jun. 2005).