

100269-MEC-1MOS-E-2005
Senior Mechanical Maintenance Engineer

Holds a B. Sc. in Mechanical Power Engineering and has about 12 years hands-on experience working in maintenance, operation, commissioning and start-up at several Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/09/1983
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University, 2005

LANGUAGES

Arabic : Native Language
English : Excellent

COMPUTER SKILLS

: Windows, MS Office (Word, Excel), Internet
: AutoCAD, Visual Basic, Photoshop

TRAINING COURSES AND CERTIFICATIONS

- : Cold start-up of thermal power station & pumps and valves maintenance at Abu Qir Training Centre (Apr. 2006).
- : Vibration measuring and Rotating equipment balancing at Abu Qir Training Centre (Aug. 2010).
- : NDT tests - Liquid penetrant testing - certified as Level II inspector according to code ASNT SNT-TC-1A at Science & Technology Engineering Centre (Jun. 2010).
- : First Aid course & Defense Driving (2007).
- : Summer trainings:
 - Boilers auxiliaries maintenance and operation at ABU QIR Power Plant (2002).
 - Diesel, pumps & cranes workshops at Arab Petroleum Pipeline Co. (2003).
 - Steam power plant operation and in addition to desalination plant operation at SIDI KRIR Thermal Power Plant (2004 & 2005).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Nov. 2013 till now
Employer : Egyptian Electricity Holding Company (E.E.H.C)
Project : New Abu Qir Thermal Power Plant Units 6 & 7 Project (2x650MW - Natural gas & Mazout oil fire)
Job title : Senior Mechanical Maintenance Engineer
Job Description :

- This plant contents: Steam Boilers capacity (2 x 2088 ton steam, 183 bar 542 °C), Steam turbines (2x650MW), Desalination units MED Type (2 x 5000 m3/day) & Plant utilities.
- My work area in this plant is the Steam Boilers and Desalination units (MED).
- Designed and performed corrective and preventative maintenance on equipments.
- Evaluated maintenance records of mechanical equipment on a regular basis and ensured that equipments were effectively.
- Documented all repair and maintenance work performed on equipments.
- Familiarity with environmental and safety regulations related to mechanical maintenance activities.
- Good understanding of mechanical maintenance methods and procedures and standards.
- Ability to interpret mechanical maintenance methods and safety procedures.
- Operational knowledge of boilers, turbines and associated auxiliary rotary equipments.
- Outstanding ability to interpret technical manuals and schematics.
- Skilled to working and communicating with contractors and vendors.

Dates : From Apr. 2012 till Nov. 2013
Employer : Ras Girtas Power Company (Qatar)
(IWPP Independent water power production)
Project : Ras Laffan City, Qatar - Ras Girtas Power Plant (2730MW and 286,322 m3/day), Biggest Power Plant in Qatar
Job title : Control Room Operation Engineer
Job Description :

- Operation Engineer for Combined Cycle Power Plant (Gas turbines 8x234MW and Heat recovery steam generators HRSG with supplement firing 8 x 450 ton steam/hr and Steam turbines 4x240MW and Desalination units (MED type) 10 x 28,632 m3/day, and 400KV Electrical maneuvering, Black start facilities.
- Plant utilities (Hydrogen plant, Compressors, Cooling towers, CO2 production unit & Emergencies system).
- Make periodical tests for all standby and emergency equipments.
- Preparing work orders following the Lock out Tag Out isolation procedures (SAP system).
- Follow the operation procedures.

Dates : From Dec. 2010 till Apr. 2012
Employer : Sidi Krir Generating Company (Tanjong Group), boot system

- Project** : Sidi Krir Thermal Power Station units 3 & 4 (2x320MW – Natural gas & Mazout oil fire)
- Job title** : Control Room Operation Engineer
- Job Description** :
- Power Plant Field Operation Engineer for Steam generators (2x1032 ton steam/hr), Steam turbine (2x340MW), Desalination units (R.O. type) and 220KV electrical maneuvering.
 - Plant utilities (auxiliary boiler, Reboiler, Hydrogen plant, Compressors & Emergencies systems).
 - Make periodical tests for all standby and emergency equipments.
 - Preparing work orders following the safety isolation procedures (JD edward program).
 - Follow the operation procedures and helping in modifying and updating these procedures.
- Dates** : From Jun. 2009 till Dec. 2010
- Employer** : Egyptian Electricity Holding Company (EEHC)
- Project** : New Abu Qir Thermal Power Plant Units 6 & 7 Project (2x650MW – Natural gas & Mazout oil fire), under construction:
Steam Boilers capacity (2 x 2088 ton steam, 183 bar, 542 °C), Steam turbines (2x650MW), Desalination units MED type 2x5000 m3/day & plant utilities.
- Job title** : Project Engineer in electrical power generation
- Job Description** :
- My focus area is the Steam Boilers and Desalination units (MED).
 - Responsible for reviewing contracts, project drawings, documentation and following the constructions, commissioning and start-up with vendors till plant handover to the owner (EEHC).
- Dates** : From May 2008 till Jun. 2009
- Employer** : Scimitar Production Egypt Limited (SPEL) Company
- Project** : Heavy Oil Field Assran Ras-Ghareb, Red Sea
- Job title** : Control Room Operation Engineer in Oil & Gas Production
- Job Description** :
- Responsible for commissioning, start-up & operation of 10 steam generators (60MBTU) & its water treatment units.
 - Management of operation steam injection wells network & supervisor for R.O. units.
 - Preparing daily operation reports & report to field superintendent.
- Dates** : From Dec. 2005 till May 2008
- Employer** : Egyptian Electricity Holding Company (EEHC)
- Project** : Sidi Krir Thermal Power Station (2x320MW – Natural gas & Mazout oil fire)
- Job title** : Control Room Operation Engineer in electrical power generation
- Job Description** :
- Operation Engineer for Steam generators (2 x 1032 ton steam/hr), Steam turbine (2x320MW), Desalination units (2 x 5000 m3/day MSF type) and 220KV electrical maneuvering & plant utilities (auxiliary boiler, re-boiler, hydrogen plant, compressors & emergencies systems).
 - Preparing work orders following the safety isolation procedures (Empac program).