

Holds a B. Sc. in Mechanical Engineering and has over 9 years hands-on experience working in operation and maintenance.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 20/11/1987
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Mechanical Engineering, Alexandria University, 2012

LANGUAGES

Arabic : Native Language
English : Very Good
German : Basics

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Access, Power Point), Internet
: AutoCAD 2D & 3D
: Graphical User Interface (GUI) with MATLAB Program
: PI process work 3.0
: JD-Edward, Project Wise, Eta Pro

TRAINING COURSES AND CERTIFICATIONS

: Mechanical Movers (Pumps & Compressors) from OGS.
: Advanced Hydraulic Circuits (ITC).
: Car Maintenance Engineer – Removal and installation of a gasoline engine (ITC).
: Car Maintenance Engineer – Fuel injection systems & hi-scan (ITC).
: Technical writing reports from Apex Dubai.
: Thermal Power plant operation Startup and shutdown training.
: Boiler and Steam Turbine operation and troubleshooting from TTC.
: Gas Turbine Principle and fundamentals.
: Firefighting, rescue and evacuation, certified from Egyptian Civil Defense.

- : First aid, certified from Egyptian Red Crescent.
- : Summer trainings:
 - Car Maintenance – Elhandasia AUTO.
 - Air conditioning & Firefighting – ALEX Construction (TMG).
 - Car Maintenance – BAVARIAN AUTO GROUP (BMW).
 - Sidi Krir Power Station Units 1 & 2 (2x320MW).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Oct. 2016 till now
- Project** : Sidi Krir Power Station Units 3 & 4, EDRA (2x360MW)
- Job title** : Control Room Engineer
- Job Description** :
- Job Purpose: safe operations, production performance and environmental Performance of the power generation facility from the Control Room in normal and emergency situations.
 - Responsible for the shift-to-shift safe operations, production performance, and environmental Performance of the power generation facility from the Control Room.
 - Responsible for safe start-up and shutdown of the power generation facility in accordance with equipment vendor recommendations and guidelines, both in normal and emergency situations.
 - Inspect system alignments during start-up and shutdowns of the power generation facility and safe operate equipment in Normal & Emergency Cases from DCS.
 - Lead and support field engineers and Plant Operators activities in conjunction with smooth and safe operations of the power generation facility.
 - Stay in compliance with all EHS issues and environmental law.
 - Ensure performance monitoring is carried out and plant performance is optimized.
 - Liaison with maintenance functions concerning routine and breakdown maintenance, including issuing work orders when required.
 - PTW Engineer Responsibilities and LOTO steps producers.
 - Document plant performance with shift logs, operational logs, defect reporting, fault reporting and writing, revision and review of operational procedures.
 - Document plant performance with operational logs, defect reporting, fault reporting and writing, revision and review of operational procedures.
 - Perform other work as directed by the Shift charging Engineer.
 - Training of staff on Control Room Engineer position.
 - Commissioning and start-up experience.
 - Achievements:
 - Promoted to Senior Control Room Engineer in less than two years.
 - Face many troubleshoot, Emergency situation and solve it in professionally.

- Dates** : From Jun. 2014 till Sep. 2016
- Project** : Sidi Krir Power Station Units 3 & 4, EDRA (2x360MW)
- Job title** : Field Engineer

- Job Description** :
- Job Purpose: Safe Operation, inspections and system alignments during normal, start-up and shutdowns of all plant equipment according to vendors documents.
 - Responsible for the shift-to-shift safe operations of steam generators (2 x 1050-ton steam/hr.), Steam turbine (2x360MW).
 - Responsible for shift-to-shift safe operations Plant utilities (Water Treatment Plant (RO), Mazut Oil System, auxiliary boiler, Re-boiler, Hydrogen plant, Fire Fighting System, Compressors, Emergencies systems and etc.).
 - Responsible for power generation facility system inspections and system alignments during start up and shutdowns to ensure safe and correct operations of system equipment, both during normal and emergency situations.
 - Document equipment performance by maintaining complete and accurate log sheets.
 - Record all plant/ Auxiliary Operating data including all alarms and protective devices being actuated and reports any deviation to Shift Charge Engineer.
 - Implement weekly, monthly & yearly periodical tests for all standby and emergency equipment's.
 - Maintain system and equipment operations within vendor's specifications and guidelines.
 - Co-ordinate safety with regards to maintenance shift work activities; isolation of equipment and placing equipment back in service in accordance with facility Lockout and Tag out Procedures (LOTO).
 - Follow the maintenance and operation procedures and helping in modifying and updating these procedures to comply with IMS system (integrated management system).
 - Maintain the power generation facility area clean. Stay in compliance with all EHS issues when disposing of any hazardous materials.
 - Perform other work as directed by the Shift Supervisor and Control Room Engineer.
 - Co-ordinate Assistant Plant Operators and Training Operators activities with activities of the facility to ensure time optimization and utilization.
 - Training staff on Field engineer position.

Dates : From May 2013 till Jun. 2014

Employer : Alexandria Construction Company (Talaat Mustafa Group (TMG))

Job title : Maintenance Engineer

- Job Description** :
- Job Purpose: Organize and design Maintenance schedule and strategies for heavy Equipment like Cranes, loaders, Excavators, Concrete pumps and Concrete mixers.
 - Responsible for Annual and semi-annual overhaul Maintenance for heavy equipment & heavy trucks.
 - Organizing routine servicing schedules for heavy equipment's and trucks.
 - Making scheduled checks on machinery and parts.
 - Designing maintenance strategies, procedures and methods.
 - Supervise and Distribution of tasks to technicians and assistants continue to work according to plan and make daily report for that.
 - Work on mechanical, hydraulic and pneumatic systems.

- Excellent knowledge of technical issues, protective and preventive maintenance.
- Managing stocks of spare parts, supplies and equipment's.

- Dates** : From Oct. 2012 till Apr. 2013
- Employer** : Samaha of Commerce and Industry (plastic industry), Borg El-Arab
- Job title** : Production & Maintenance Engineer
- Job Description** :
- Job Purpose: Production and Maintenance Engineer, responsible for production planning, schedules, reports and continually supervise it; responsible for preventive and emergency maintenance for machines and utilities.
 - Make daily production plan, logs, reports and make sure it done perfectly.
 - Responsible for all maintenance works on Machines and utilities such as (air compressor & cooling water chiller & plastic crusher, etc.).
 - Responding immediately to equipment breakdowns.
 - Organizing teams to make sure 24/7 cover is available.
 - Responsible for quality control of product and minimize defective product as possible.
- Field of experience** :
- Over 7 years of experience in Power Station operation, commissioning, permit to work coordinator, maintenance and inspection; with strong mechanical, electrical and electronic technical skills.
 - My career began in power station (Sidi Krir Power Station 3 & 4) as Field Engineer for over 2 years, I work on steam power station with capacity of 2x360MW responsible for steam generator facilities like Boiler, steam turbine and other auxiliary systems and equipment's; then I promoted to be Control Room Engineer with experience for more than 5 years responsible to maintain safe operations, production performance and environmental Performance standards of the power generation facility from the Control Room in normal, start-up, shutdown and emergency situations.
 - Also, I worked as Heavy Equipment Maintenance Engineer in (Talaat Mustafa Group) for a year; responsible for overhaul, plan schedule maintenance and lead technical crew for heavy Equipment and trucks.
 - Summary:
 - Well-versed with the delivery and the assessment of power station operations, performance, commissioning and maintenance.
 - Well-versed with permit to work coordinator and lock out tag out system.
 - Excellent knowledge of technical issues, protective and preventive maintenance.
 - Excellent knowledge of safety, quality and environmental international standards such as ISO 9001, ISO 14001, OHSAS 18001.
 - Familiar with Soft skills package (communication skills, Presentation skills, problem solving, Negotiation skills, Team building).
 - Experience of working with multi-national and multi-cultural project teams, ability to work and co-ordinate with cross functional teams.