

Holds a B. Sc. in Mechanical Power Engineering and has over 12 years hands-on experience working in operation, start-up and maintenance.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 12/12/1985
Gender : Male
Residence : Currently Dubai, UAE

EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University, 2009

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD

TRAINING COURSES AND CERTIFICATIONS

- : Lean Six Sigma Green Belt, International Six Sigma Institute Authorized Certification ID: 17705009099561 (2020).
- : Root cause Analysis (2020).
- : Key Performance Indicators (2020).
- : Standard Operating Procedures (SOP), Writing Procedures Using Process Flow Map Technique (2020).
- : Fire Safety and Rescue issues, supervised by Local Civil Defense Department (Egypt) (2013).
- : Introduction in Programming Logic Control (PLC), supervised by the Industrial Training Council (ITC) (2009).
- : Electric Arc Welding, supervised by the Industrial Training Council (ITC) (2009).
- : AutoCAD (2D), EAAC (2009).
- : International Computer Driving License (ICDL), International American Academy (IAA) (2009).

- : English language (Level: Upper intermediate, fourth stage), International British Institute (IBI) (2009).
- : Start Professional (Soft Skills), Modules: presentation skills, team building, team management, time management, CV writing, interview skills, Faculty of Engineering (2009).
- : Summer trainings at:
 - General Motors Egypt (Mantrac): Maintenance workshop (Heavy Machinery) (Aug. 2007).
 - Komatsu: Maintenance workshop (Heavy Machinery) (Jul. 2007).
 - Middle East Operation and Maintenance for Hydrocarbon Industries (MIDOM): Maintenance department (Aug. 2006).
 - General Motors Egypt: Maintenance workshop - after selling services (cars) (Jul. 2006).
 - Middle East Oil Refinery (MIDOR): Planning department (Aug. 2005).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Dec. 2015 till now
- Employer** : Emirates Industrial Gases Company (EIGC) - AIRTEC Total Gas Solutions (UAE)
- Job title** : Maintenance Engineer (General Maintenance)
- Job Description** :
- Study plant.
 - Prepare PM plan.
 - Scheduled maintenance Activities.
 - CMMS.
 - Identify frequently occurred failure.
 - Diagnose equipment Breakdown.
 - RCA.
 - Safety audit.
 - Supervision of daily work orders.
 - Release modification which can improve liability & productivity.
 - Equipment spare parts control.
 - EHS assurance.
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- Dates** : From Mar. 2015 till Dec. 2015
- Employer** : Refrigeration and Oxygen Company Limited – AIRTEC, Shuiba (Kuwait)
- Job title** : Maintenance Engineer
- Job Description** :
- Study plant.
 - Scheduled maintenance Activities.
 - Identify frequently occurred failure.
 - Diagnose equipment Breakdown.
 - RCA.
 - Safety audit.
 - Supervision of daily work orders.
 - Release modification.
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- Dates** : From Dec. 2010 till Mar. 2015
- Employer** : West Delta Electricity Production Company
- Project** : Sidi Krir Power Plant Combined Cycle (750MW)

- Job title** : Operation Engineer (Plant and utilities)
- Job Description** :
- Control Room Operator (DCS).
 - Start-up / Shutdown sequence.
 - Mechanical / Electrical equipments change over.
 - Local supervision.
 - Mechanical commissioning.
 - Malfunctions diagnostics, troubleshooting analysis.
 - Piping and Instrumentations Diagram (P&ID).
- Dates** : From May 2010 till Oct. 2010
- Employer** : Saint Gobain - Gyproc Egypt for Gypsum Industry (Sadat factory)
- Job title** : Shift Engineer
- Job Description** : Operation, maintenance, production, quality control and safety audit.
- Dates** : From Aug. 2009 till Nov. 2009
- Employer** : Engineering for Specialist Systems
- Job Description** : Joined a team in design and execution of fire fighting systems.
- Field of experience** :
- Planning and undertaking Scheduled and Routine Preventive Maintenance.
 - Immediate Respond to Emergency calls for continuous operation of 24/7 plants.
 - Breakdown respond, diagnose fault (RCA).
 - Studying all Corrective actions required for safe and reliable plant operation.
 - Review work orders / Fault log sheets.
 - Spare parts stock control with budget managing.
 - Supervising engineering and technical Staff.
 - Insuring compliance with health and Safety Legislation.
 - Adherence and compliance to ISO requirement.
 - Creating and Review Maintenance Procedures.
 - Ensure maintenance staff Readiness, provide training.
 - Maintenance and Operation Experience for different types of Turbo machinery High and low voltage Centrifugal compressors, Gas Turbines, Pumps, Screw compressors, Piston compressors, Hydraulic and pneumatic Systems.
 - Commissioning carried on new installed equipment and system.
 - Insure third party calibration and inspection done on machine and equipment as scheduled.
 - Knowledge of PID drawings, wiring and control diagram, ability to understand machine/ plant Logic and control Philosophy.
 - Maintenance for all types of Coolers, manual & control Valves, cooling towers, Reverse Osmosis units, Generators, Alternators, Gas Dryer Units.
 - Experience on dealing with Hazardous and flammable gases and liquids.
 - Customer on site Plants Maintenance.
 - Communicate with suppliers and vendors, review and compare offers.
 - Knowledge of Oracle Software and CMMS.