

Holds a B. Sc. in Mechanical Engineering and has about 3 years experience working in operation, commissioning and start-up at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Residence : Alexandria

EDUCATION

: B. Sc. in Mechanical Engineering, Alexandria University, 2019

LANGUAGES

Arabic : Native Language
English : Very Good
German : Basics

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD Plant 3D, AutoCAD 2D, Navis, PDMS, Solid Works (2D, 3D and sheetmetal), Revit

TRAINING COURSES AND CERTIFICATIONS

: Firefighting.
: Design of air conditioning.
: Principles of mechanical equipment installation.
: Six Sigma yellow Belt.
: Coursework: Power Station, Thermo Dynamics, Design II, Composer, Automotive, Hydraulic.
: German (Level A1).
: Training at Abu Qir Power Station (Jul. 2017):

- Understanding various types of boilers, chillers and turbines.
- Moreover, working with water desalination and station operating.

: Training at The Arab Contractors (Jul./Aug. 2016): Understanding the concepts of maintenance of heavy equipments, cars and concrete mixers.
: German (A1).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Dec. 2022 till now
Employer : [EGYPTROL](#) – AC Boilers
Project : South Helwan Supercritical Power Plant
Job title : Field Operator
Job Description :

- Monitor boiler equipment and its auxiliary and indicators to detect evidence of operating problems.
- Monitor auxiliary boiler equipment and its auxiliary and indicators to detect evidence of operating problems.
- Control power generating equipment including boilers, auxiliary boiler and DESP, using control boards or semi-automatic equipment.
- Start or stop auxiliary pumping, FDF, GRF, RAH, BCP equipment, or other power plant equipment as necessary.
- Coordinate with control room operator in safe isolation of equipment for preventive and corrective maintenance.
- Open and close circuit breakers for proper system operation and electrical isolation.

Dates : From Sep. 2022 till Nov. 2022
Employer : [EGYPTROL](#) – Elsewedy
Project : New Layyah CCPP 1026MW
Job title : Control Room Operator
Job Description :

- Start-up and operation 2 Mitsubishi Gas Turbine (M701F).
- Start-up and operation 3 Gas Compressors (Hanwha model: SE- 45G/2).
- Start-up and operation for all BOP plant.
- Monitor power plant equipment and indicators to detect evidence of operating problems.
- Reporting to shift charge the daily report and updates of maintenance activates.
- Isolate any system electrical and mechanical at necessary for maintenance work.

Dates : From Jun. 2022 till Aug. 2022
Employer : [EGYPTROL](#) – Elsewedy
Project : New Layyah CCPP 1026MW
Job title : Field Operator
Job Description :

- Monitor power plant equipment and indicators to detect evidence of operating problems.
- Control power generating equipment including 2 gas turbines, 2 generators, all turbine auxiliaries, 3 gas compressors and all BOP using control boards or semi-automatic equipment.
- Start or stop generators, auxiliary pumping equipment, turbines, or other power plant equipment as necessary.
- Control or maintain auxiliary equipment, such as pumps, fans, air compressors, gas compressors.
- Assist engineering and other personal to solve operating problems.
- Provide technical support during operation and maintenance.

Dates : From Aug. 2021 till May 2022
Employer : [EGYPTROL](#) – Elsewedy
Project : New Layyah CCPP 1026MW
Job title : Commissioning & Start-up Engineer
Job Description :

- Start-up and Commissioning Engineer for 2 Mitsubishi Gas Turbines (M701F).
- Commissioning and Start-up for Gas Compressors (Hanwha model: SE-45G/2).
- Commissioning and start-up for all plant BOP (closed cooling system - fuel gas system - N2 system - air compressors - fuel oil system).
- Air blowing for Instrument Air Pipes & Service Air Pipes & Fuel Gas Lines & Fuel Oil lines & CO2 and N2 pipes.
- Flushing for closed cooling system, fuel oil, lube oil skid, seal oil skid, jacking oil skid, control oil skid, Osmotized system and demi system.
- Heat run, solo run and backup tests for all systems.

Dates : From Feb. 2021 till Jul. 2021
Employer : [EGYPTROL](#)
Project : New Layyah CCPP 1026MW
Job title : Piping Design Engineer
Job Description :

- Prepare project deliverables in compliance with international standards (API, ANSI, ASME, ASTM).
- Retrofit new pipe systems and Equipment drawing into existing structure.
- Present models to clients using AutoCAD (3D) PLANT.
- Preparation MTO of Piping, Fitting and Valves.
- Prepare As-Built P&ID and PFDs.

Dates : From Nov. 2020 till Feb. 2021
Employer : [EGYPTROL](#)
Project : South Helwan Supercritical Power Plant
Job title : Field Operator
Job Description :

- Monitor power plant equipment and indicators to detect evidence of operating problems.
- Control power generating equipment including boilers, turbines, generators using control boards or semi-automatic equipment.
- Start or stop generators, auxiliary pumping equipment, turbines, or other power plant equipment as necessary.
- Control or maintain auxiliary equipment, such as pumps, fans, compressors, condensers, filters.
- Assist engineering and other personal to solve operating problems.
- Provide technical support during operation and maintenance.

Dates : From Aug. 2020 till Oct. 2020
Employer : [EGYPTROL](#) – AC Boilers
Project : Al-Shabab CCPP
Job title : Field Operator

Job Description :

- Monitor boiler equipment and its auxiliary and indicators to detect evidence of operating problems.
- Control power generating equipment including boilers and auxiliary using control boards or semi-automatic equipment.
- Control or maintain auxiliary equipment, such as pumps, fans.
- Assist engineering and other personal to solve operating problems.
- Coordinate with control room operator in safe isolation of equipment for preventive and corrective maintenance.
- Open and close circuit breakers for operation and electrical isolation.

Dates : From Feb. 2020 till Jun. 2020

Employer : El-Sheikh Logistics

Job title : Automotive Engineer

Job Description :

- Communicating with clients, engineers, and other technicians to ensure that services are delivered effectively.
- Promptly following up on service requests and providing customer feedback.
- Monitoring equipment and machinery performance and developing preventative maintenance measures.
- Conducting quality assurance and safety checks on all equipment.
- Delivering demonstrations to ensure that customers are educated on safe and effective equipment use.
- Providing recommendations about new features and product improvements.
- Monitoring inventory and reordering materials when needed.
- Conducting research and attending workshops to remain abreast of industry developments.
- Writing reports and presenting findings to Managers and Supervisors on a regular basis.