

103021-MEC-1O-E-2014
Shift Charge Engineer & Control Room Operator

Holds a B. Sc. in Mechanical Power Engineering and has over 9 years of extensive experience in Power Generation Plant Projects (Subcritical & Supercritical Thermal Power Plants up to 650MW), starting from the mechanical installation stage until the start-up and commissioning, ending with the normal operation stage of the unit. He also has extensive knowledge of gas turbine operation.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Residence : Sharkia

EDUCATION

: B. Sc. in Mechanical Power Engineering, Zagazig University, 2014

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: Solid Works
: Revit MEP
: AutoCAD

TRAINING COURSES AND CERTIFICATIONS

: Alstom Steam Turbine Operation, Alstom (2017).
: Doosan Steam Turbine Operation, Doosan (1 month) (2020).
: Steam Boiler Operation Training in Italy, AC Boilers (1 month) (2019).
: Switchgear & MCC Operation Training, Siemens Energy (1 month) (2021).
: Auxiliary boiler operation training, JCBEE (2020).
: Hydrogen generation system Operation, Proton Co. (1 month) (2017).
: HVAC & Fire Fighting & Plumbing Systems Design, Engineering House Office (2016).
: AutoCAD & Revit MEP, Engineering House Office (1 month) (2016).
: Car CNG Conversion and maintenance training, Car Gas Co. (1 month) (2013).
: Tanks Engine Maintenance Training, 200 Military Factory (1 month) (2012).

: Solid Works & MATLAB (2011).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jul. 2019 till now
Project : Cairo West Supercritical Thermal Power Plant Project 1x650MW Gas / Oil Fired Unit
Job title : Shift Charge Engineer & Control Room Operator
Job Description : Work as a Shift Leader for West Cairo Supercritical Thermal Power Plant 650MW, where I lead a distinguished group of highly efficient engineers and technicians.

Dates : From Feb. 2017 till Jul. 2019
Project : Suez Subcritical Thermal Power Plant Project 1x650MW Gas / Oil Fired Unit
Job title : Control Room & Field Operator
Job Description : Efficiently operate the steam boiler, steam turbine and all auxiliaries (BOP).

Field of experience :

- Ability to operate the Power Plant Project from testing and commissioning to normal operation.
- Start-up, shut down and emergency operation of the Plant and equipment's.
- Shift Charge Engineer.
- Control Room & Field Operator for Subcritical Thermal Power Plant.
- Control Room & Field Operator for Supercritical Thermal Power Plant.
- Steam Boiler Operator.
- Steam Turbine Operator.
- Gas Turbine Operator.
- Ability to operate boiler feed pump turbine.
- Start-up & commissioning for boiler & steam turbine.
- Field Operator for Plant fire-fighting system.
- Control Room & Field Operator for rotary equipment systems.
- Control Room & Field Operator for all turbine auxiliary systems (BOP).
- Analyze operational problems and work to solve them.
- Follow up in maintenance work orders.
- Carry out necessary isolation and normalization with instruction of SPSO, DMSO, and place LC tag in each isolation point and remove LC tag after normalization.
- Monitor and check operating condition of plant/ equipment and record process parameter available in local area and report to take corrective action in case of any abnormality.
- Control and monitor from Central Control Room.
- Switchgear Operator.
- GIS Operator (connect and disconnect GIS 500 & 220KV circuits).