

100981-MEC-OS-E-2006
Shift Charge Engineer (Commissioning)

Holds a B. Sc. in Mechanical Power Engineering and has about 13 years hands-on experience in operation of Power Stations. Has extensive knowledge of plant equipment and process.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 10/08/1984
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University, 2006

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Training in Italy for operation of steam turbine (Ansaldo Workshop at Genua).
- : On-shore training for operation of gas turbine.
- : On-shore training for operation of pumps.
- : On-shore training for operation of HRSG by NEM Company.
- : On-shore training for operation of fire fighting.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Oct. 2019 till now
Employer : [EGYPTROL](http://www.egyptrol.com) - AC Boiler
Project : Al-Shabab Power Plant 1500MW
(8x125MW GE Gas turbine 9E through Mark Vie Control system + 8 HRSG AC Boiler + 2x250MW Ansaldo Energia Steam turbine through Symphony plus ABB control system)
Job title : Shift Charge Engineer (Commissioning)

Job Description :

- Support operation and start-up 8 AC Boiler HRSG through Steam turbine and Air cooled condenser (ACC) with Foxboro Schneider control system.
- Observe any change in trends behavior and take action before trip.

Dates : From Sep. 2018 till Oct. 2019

Employer : [EGYPTROL](#) - AC Boiler

Project : West Damietta 750MW
(4x125MW GE Gas turbine 9E through Mark Vie Control system + 4 HRSG AC Boiler + 1x250MW Ansaldo Energia Steam turbine through Symphony plus ABB control system)

Job title : Shift Charge Engineer (Commissioning)

Job Description : Operation and start-up 4 AC Boiler HRSG through Steam turbine and Air cooled condenser (ACC) with Foxboro Schneider control system.

Dates : From Jun. 2018 till Sep. 2018

Employer : Ansaldo Energia

Project : 6th October, Egypt
(4x150MW Ansaldo Gas turbine through Emerson Control system + 4 HRSG Ac boiler + 1x300MW Ansaldo steam turbine)

Job title : Control Room Operator (Commissioning)

Job Description :

- Operation and start-up 4 AC boiler HRSG through Steam turbine and Air cooled condenser (ACC) through Emerson DCS.
- Start-up and Shutdown all units from Dcs.
- Investigate any issue from alarms and events historical through Emerson Control System and reporting to operation leader.

Dates : From Dec. 2017 till May 2018

Employer : [EGYPTROL](#), Commissioning Subcontractor for SIEMENS

Project : AZURA POWER PLANT – Nigeria (150MW x 3 Gas Turbines (SSC5-2000E))

Job title : Shift Charge Engineer (Commissioning)

Job Description :

- Monitor the operation of power generating units to ensure reliable and efficient generation.
- Investigate any issue from alarms and events historical through SPPA-T3000 Control System and reporting to operation manager.
- Analyze turbine faults and investigate recommend solution.

Dates : From Apr. 2017 till Oct. 2017

Employer : [EGYPTROL](#) – Seconded to GE Energy

Projects : Hurghada, Sharm El-Sheikh (6 x LM 6000 GAS Turbine - Generator, 48MW x 6 GAS Turbine Duel fuel, Wood ward control system)

Job title : Control Room Operator (Commissioning)

Job Description :

- Perform Commissioning and start-up and operate the plant Equipment up to T.O.A.C.
- Start-up and shut down of plant equipment's from DCS Room and local.

Dates : From Apr. 2016 till Aug. 2016

Employer : Shanahan Engineering Limited

Project : PP12 (8x170MW GE gas turbine 7FA + 8 HRSG ALSTOM + 2x340MW ALSTOM steam turbine), Riyadh - KSA
Job title : Control Room Operator (Commissioning)
Job Description :

- Start-up 4 ALSTOM HRSG through Steam turbine and Air cooled condenser (ACC) through YOKOGAWA DCS.
- Following the procedure of the steam below "sigma below".
- Following the procedure of the bypass operation.
- Following the steam turbine commissioning procedures.
- Following the procedure of starting HRSG.
- Following the procedure of starting the steam turbine.

Dates : From Jun. 2015 till Mar. 2016
Employer : [EGYPTROL](#) – Seconded to GE Energy
Project : Heliopolis – GE TM 2500
Job title : Control Room Operator (Commissioning)
Job Description :

- Start-up and shut down of plant equipment's from DCS Room and local.
- Monitor alarmist.
- Check event list from DCS.

Dates : From Dec. 2013 till Apr. 2015
Employer : [EGYPTROL](#) – Commissioning Subcontractor for SAMSUNG C&T
Project : Qurayyah Independent Power Plant, KSA:

- 4000MW (6x655MW) Combined Cycle Power Plant.
- 12x229MW SGT6-5000FD-5Duel fuel, Ultra Low NOx Siemens make Gas Turbine.
- 12 x Horizontal HRSG without duct firing at two pressure levels BHI Make HRSG.
- 6x226MW SSTG - 4000 Siemens make Condensing Steam Turbine Generator.
- Siemens T3000 control system.

Job title : Shift Charge Engineer (Commissioning)

Dates : From Jan. 2012 till Jul. 2013
Employer : [EGYPTROL](#) – Seconded to Ansaldo Energia
Project : 6th October Simple Cycle Power Plant (4x150MW = 600MW):

- 15.75/220KV switchyard.
- Fuel gas system.
- Symphony plus ABB control system.

Job title : Shift Charge Engineer (Commissioning)
Job Description :

- Start-up and shut down of plant equipment's from Control Room.
- Plant parameter readings taken from DCS.
- Check parameters quality.

Dates : From Jan. 2008 till Dec. 2011
Employer : West Delta Electricity Production Co.
Project : Sidi Krir Power Station:

- 2x250MW Mitsubishi Heavy Industries (MHI) gas turbine.

- 1x250MW Steam Turbine (ANSALDO).
 - Heat Recovery Steam Generator (NEM).
 - YOKOGAWA CONTROL SYSTEM.
 - Metito Water Treatment Plant.
- Job title** : Control Room Operator (Operation)
- Dates** : From Jan. 2007 till Dec. 2007
- Employer** : West Delta Electricity Production Co.
- Project** : Sidi Krir Power Station:
- 2x320MW Steam turbine Siemens (320MW).
 - 2 thermal boiler water tube (Babcock).
 - Water desalination (multi stage flash distillation).
- Job title** : Control Room Operator (Operation)
- Field of experience** :
- Direct report to Operation Manager / Commissioning Manager.
 - Supervise control room / field operator in start-up & shut-down and operation settings for power plant.
 - Create reports, such as Daily Generation Reports, Safety Meeting Report, Incident Report and other reports related to facilities failure and send to Operation Manager for approval.
 - Log-in all activities during 12 hrs shift operation and make turn over to the next shift.
 - Suggestions and Implementation of Process Modifications which improve plant productivity & reliability.
 - DCS operation of power plant.
 - Day to day's extensive operational / maintenance Jobs Planning and safe execution including the issuing the Safety Work Permits (PTW - hot work, cold work, height work, confined space permit) for routine maintenance jobs, performance monitoring, optimization, troubleshooting and coordination with various maintenance departments.
 - Primary accountability to Ensure / Implement Safe Work Practices by following all safety, health, environmental and operation procedures.
 - Maintaining the Operations Integrity to meet Production Demand and effectively Manage Expenses and to minimize the Production Cost.
 - Preparation of Checklists, Safe Operating Procedures (SOPs), carrying out Risk Assessments (JSA) and ensuring safety standards at the work place.
 - Ensure all Safety Facilities are available at site and in ready mode at all time, and also responsible to organize Periodic Trial Run of all passive drives / machines & keeping records of their status to maintain the integrity of facilities.
 - Providing Operational & Technical Advice / Guidance of operations activities to maximize operational and production requirement.
 - Summary:
 - Extensive knowledge of plant equipment and process.
 - Familiar with operation of combined cycle and Gas Turbine as SIMENS and GE as (9E, 7FA, LM6000, TM2500), MHI, Ansaldo Energia.
 - GT, STG and other BOP trouble shooting experience and experience in associated auxiliaries.

- Operating system experience As Emerson, SPPA-T3000, Mark VIe, Yokogawa, Diasys Netmation, Wood Ward, Symphony plus ABB and Foxboro Schneider.