

104866-MEC-14OS-E-2009
Commissioning, Operation & Start-up Engineer

Holds a B. Sc. in Production Engineering & Mechanical Design and has over 11 years experience, including 9 years working in operation, commissioning and start-up at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 24/05/1986
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Production Engineering & Mechanical Design, Menoufia University, 2009

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD (2D & 3D), Solid Works and any relevant CAD software
: Computer numerical control (CNC) Machines: Turing, Milling, Drilling, Wire cutting, Spark cutting machines
: C++ (self learning)
: ANSYS

TRAINING COURSES AND CERTIFICATIONS

: Courses attended at Nubaria:

- On-shore training of ALSTOM (HRSG) operation.
- On-shore training of steam turbine operation MITSUBISHI.
- On-shore training of gas turbine SIEMENS V94.3 A, each one produce 250MW.
- On-shore training of high and medium voltage (500KV/220KV/6.3KV).
- Operation on-shore training of ALSPA P320 distributed control system (DCS) by ALSTOM Company.

: Trainings at Ezz Company for steel (Jul. 2007 & Aug. 2008).
: Training at Alexandria Petroleum Company.

- : Training at Mercedes Benz Company in 6th October.
- : Training at Elmasria for copper in Alexandria.
- : Training at Coca Cola Company in Alexandria.
- : Training course for mechanical and electrical engineering, SYRIAN ARAB REPUBLIC – TISHREEN UNIVERSITY (Jul./Aug. 2008).
- : Conventional Machining & Welding at IMC.
- : Project Management using MS Project.
- : Engineering Statistics using Minitab.
- : Arab Petroleum Pipelines Company (SUMED), SIDI KRIR, ALEX (Jul. 2006):
 - Overview of the company system and the processes control.
 - Overview of the different types of pumps and their maintenance.
 - Overview of the different types of valves and their maintenance.
 - Overview of the firefighting system.
 - Having a session about the safety precautions.
- : Power Generation Engineering and Services Company (PGESCO), SIDI KRIR, ALEX (Jul. 2007):
 - Overview of the process of electricity generation.
 - Overview of each component in the station.
 - Overview of maintenance of the station.
- : Attending several sessions in human development, communication skills presentation skills & leadership skills.
- : Attending several seminars in OIL & GAS industry, refrigeration, cooling and mechanical specification.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Dec. 2018 till now
Employer : PGESCO
Project : Fertilizers Complex in Sokhna (FCS)
Job title : Commissioning, Operation & Start-up Engineer

Dates : From Jan. 2018 till Dec. 2018
Employer : ORASCOM CONSTRUCTION
Project : Assiut Combined Cycle Power Plant 1500MW
Job title : Commissioning, Operation & Start-up Engineer
Job Description :

- Following the activities of HRSG chemical cleaning.
- Following the activities of HRSG steam blowing.
- For all HRSGs first start-up and commissioning activities such as lining up, Hydro-test, flushing the lines, make function test for all valves, make solo run test for all motors, feed water pump sys, re-circulation pump sys, alignment test.
- Informing the I&C department about any defected devices or any instrumentation faults.
- Monitoring water chemistry and thus the chemical dosing rate with the recommended solutions.
- For STG activities such as lube oil flushing, control oil flushing, H2 Sys, N2 Sys, CO2 Sys.
- For BOP activities such as closed cooling sys, condensate sys,

- compressed air sys, firefighting sys, demine water sys, fuel gas sys.
- Make daily reports for the daily activities and reporting it to the commissioning manager.

Dates : From Feb. 2017 till Jan. 2018
Employer : ELSEWEDY ELECTRIC PSP
Project : Beni Suef Combined Cycle Power Plant 4800MW
Job title : Commissioning & Operation Engineer
Job Description :

- Commissioning for SIEMENS SGT5- 8000H sys lube oil, hydraulic oil sys, fuel oil, closed cooling sys, fuel gas plant, seal oil sys, gland seal sys and firefighting sys.
- DCS Operator for BOP sys included water intake sys, raw water pump sys, service water pump sys, air compressors.
- Field Operator for HSRG.

Dates : From May 2016 till Feb. 2017
Employer : ELSEWEDY ELECTRIC PSP
Project : Attaqa Simple Cycle Power Plant
Job title : Commissioning & Operation Engineer
Job Description :

- Commissioning for gas turbine systems lube oil, hydraulic oil, fuel oil, closed cooling system.
- Field Operator.

Dates : From Dec. 2015 till May 2016
Employer : Middle Delta Electricity Production Company (MDEPC)
Project : Nubaria Combined Cycle Power Station 1500MW
Job title : Control Room Operator

Dates : From Jan. 2012 till Dec. 2015
Employer : West Delta Electricity Production Company (WDEPC)
Project : Abu Qir Thermal Power Plant units 6 & 7
Job title : Commissioning & Operation Engineer

Dates : From Nov. 2009 till Jan. 2012
Employer : EGYPTIAN AIR FORCE
Job title : Maintenance Engineer
Job Description :

- Maintenance and Inspection of Air Conditioning Equipment.
- Maintenance and Inspection of the AC Generator model (ALTERNATOR 10200).
- Maintenance and Inspection Hydraulic Parts.