

101980-MEC-1OSY-E-2010
Mechanical Commissioning Engineer

Holds a B. Sc. in Mechanical Power Engineering and has about 11 years hands-on experience working in operation and commissioning at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 26/05/1988
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University, 2010

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD

TRAINING COURSES AND CERTIFICATIONS

: Summer training at Alexandria Petroleum Company (APC) (2008).
: Summer training in WDEPC in Sidi Krir Steam Cycle Power Station (2009).
: ICDL

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Apr. 2020 till now
Employer : Ansaldo Energia
Project : West Damietta Power Plant
(265MW Steam Turbine of Ansaldo Energia and Steam Turbine Auxiliaries (Air Cooled Condenser) with DCS (ABB Symphony plus))
Job title : Commissioning Engineer
Job Description :

- Checking the completing of erection works and make a component checklist as per.
- Supporting and follow all pre-commissioning activities as hydro tests and

- chemical cleaning procedures.
- Carry out walk down with all disciplines officially and make punch items to release commission to start.
- Function check for all signals and valves.
- Startup/shut down sequence checking as per manufacture instructions.
- Troubleshooting supporting and maintenance program making as per vendor.
- Carry out performance tests.

Dates : From Oct. 2018 till Apr. 2019

Employer : Ansaldo Energia

Project : 6th of October Combined Power Station Phase 2
(4 x 4 HRSG of Ansaldo Caladie, 1x300MW Steam Turbine of Ansaldo Energia and Steam Turbine Auxiliaries (Air Cooled Condenser) with DCS (Emerson Ovation, ABB Symphony))

Job title : Commissioning Engineer

Job Description :

- Checking the completing of erection works and make a component checklist as per P&IDs.
- Supporting and follow all pre-commissioning activities as hydro tests and chemical cleaning procedures.
- Restoration of all valves/components after chemical cleaning and RFI accept/reject according to magnetic film inside drums.
- Carry out walk down with all disciplines officially and make punch items to release commission to start.
- HRSGs line up and initial filling and initial firing.
- Carry out steam blowing for all steam line.
- Carry out boiler Pumps and motors solo run and heat runs tests.
- Safety valves pop up testing and test gags removing.
- Function check for all signals and valves.
- Startup/shut down sequence checking as per manufacture instructions.
- Troubleshooting supporting and maintenance program making as per vendor.
- Carry out performance tests.

Dates : From 2011 till 2020

Employer : West Delta Electricity Production Co.

Project : Sidi Krir 750MW Combined Cycle Power Station
(2x250MW Mitsubishi Gas turbine, 2 NEM HRSG, 1x250MW Ansaldo Energia Steam Turbine, 3 Atlas Copco Gas compressors and Steam turbine Auxiliaries with different types of systems (Daysis Netmation, Yokogawa, ABB and Allen Bradley PLC))

Job title : Operator Engineer

Job Description :

- Coordinate production start-ups, shutdowns, and changeovers.
- Assure safe, fast and efficient resolution of problems to return systems and equipment to ready-to-run condition; encourages reasoned and reasonable risk-taking.
- Operation within standard operating procedures and Job Safety Analysis.
- Supervise subordinates in accordance with plant policies and procedures.

- Arrange with maintenance on-call team to perform an urgent repair after normal operating hours.
- Manage staff to resolve complex or out of policy operation problems.
- Coordinate department activities and special projects to ensure quality and meet timetables.
- Attended 2 Major Inspections & 3 Combustor Inspections & 3 Turbine Inspections for (Mitsubishi GT M701F).
- Attended Steam Turbine Isolation, Inspection and Blades Repair and Replacement.