

Holds a B. Sc. in Electrical Power & Machines Engineering and Master Degree in Transformer Protection. Has about 9 years hands-on experience working in operation, commissioning and start-up.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 28/05/1988
Gender : Male
Marital Status : Married
Residence : El-Behira

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Cairo University, 2010
: Master Degree in Transformer Protection, Alexandria University, 2016

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: Matlab programming

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jul. 2018 till Sep. 2019
Employer : Ansaldo Energia
Project : 6th October Combined Cycle Power Station ADD-ON (Turnkey) Project
(consists of 4 ANSALDO gas turbines, 4 HRSG AC BOILERS and ANSALDO steam turbine)
Job title : Operation & Start-up Engineer
Job Description :

- Perform chemical cleaning for HP & LP system.
- Supervise for prepare and lineup Steam blowing.
- Making Steam Blowing for 4 HRSG.
- Making Hot Cleaning for Air Cooled Condenser.
- Operation of HP and LP Bypass.
- Making first rolling for STG.
- Making first synchronization for STG.
- Monitoring and operation during shift for plant start-up.

- Estimate starting time for the idle generation units and follow Prescribed start-up procedures to bring units online at specified time.
- Operation and start up for all auxiliary equipment and systems for HRSCs, BOP and STG: Feed water Pumps, Condensate System, Closed Cooling systems, Potable water system, Chemical system, instrument air and service air systems, Lube Oil system, Vacuum pumps, Drain Pot pumps, Gland steam condenser, ACC Condensate Tank, Cleaning system of ACC Bundle tube surface, ACC Fans.
- Coordinate with the Permit Holders for easy tracking of permits on site.

Dates : From Aug. 2017 till May 2018

Employer : Ansaldo Energia

Project : AL-SHABAB Combined Cycle Power Station

Job title : Operation & Start-up Engineer

Job Description :

- Start-up and operate Ansaldo Steam Turbine (2x250MW).
- Start-up Air Cooled Condenser Evacuation Pumps.
- Making Hot Cleaning for Air Cooled Condenser.
- Monitoring of operation of ACC Fans.
- Making first rolling for STG.
- Making first synchronization for STG.
- Operation of HP and LP Bypass.
- Estimate starting time for the idle generation units and follow prescribed start-up procedures to bring units on line at specified time.
- Operation and start-up for all auxiliary equipment and systems for STG: Lube Oil system, Seal Oil system, Vacuum pumps, Drain Pot pumps, Gland steam and Gland steam condenser, Condensate Collection Tank, Cleaning system of ACC Bundle tube surface, ACC Fans, Charging H2 for generator.

Dates : From Jul. 2016 till Jul. 2017

Employer : West Delta Electricity Production Company (WDEPC)

Project : Nubaria Combined Cycle Power Station

Job title : Operation Engineer

Job Description :

- Operate and supervision for:
 - Siemens Gas Turbine V94.3A (4x250MW).
 - Mitsubishi Steam Turbine 250MW (TC2F) (2x250MW).
 - Alstom Heat Recovery Steam Generator (4 Horizontal HRSG).
 - 220KV switchyard ABB.
 - 500KV AIS Switchyard CONISYS.
 - Four tie transformers 500/220KV ZTR.
 - Medium and Low Voltage Switch gears.
 - BOP start-up and operation.
- Circulate pump start and condenser water box filling, Condenser water vacuum pump, Debris filter, Gland steam and vacuum preparation, Lube oil and turning gear, HRSG starts and bypass operation.
- Operation for Generator and synchronizing, Generator Auxiliary Systems.

Dates : From Jul. 2015 till Jun. 2016
Employer : Ansaldo Energia
Project : Giza North CCP
Job title : Operation & Start-up Engineer
Job Description :

- Start-up and operate Ansaldo Steam Turbine (3x250MW).
- Making first rolling for STG.
- Making first synchronization for STG.
- Estimate starting time for the idle generation units and follow prescribed start-up procedures to bring units on line at specified time.
- Operation and start-up for all auxiliary equipment and systems for STG: Lube oil system, seal oil system, vacuum pumps, water box vacuum pumps, gland steam and gland steam condenser, debris filter, tube cleaning system, charging H2 for generator.

Dates : From Apr. 2015 till Jun. 2015
Employer : AL ELWAN
Projects : Gerga, Basatin and Mallawi GE TM2500
Job title : Electrical Commissioning Engineer
Job Description :

- Making Megger test for medium voltage cables.
- Making Hipot (High Voltage) test for medium voltage cables.
- Making Continuity test for medium voltage cables.
- Making Function test for low voltage cables and relays.

Dates : From Apr. 2012 till Mar. 2015
Employer : West Delta Electricity Production Company (WDEPC)
Project : Nubaria Power Station (2x750MW)
Job title : Operation Engineer
Job Description :

- Operate and supervision for:
 - Siemens Gas Turbines V94.3A (4x250MW).
 - Mitsubishi Steam Turbine 250MW (TC2F) (2x250MW).
 - Alstom Heat Recovery Steam Generator (4 Horizontal HRSG).
 - 220KV switchyard ABB.
 - 500KV AIS Switchyard CONISYS.
 - Four tie transformers 500/220KV ZTR.
 - Medium and Low Voltage Switchgears.
 - BOP start-up and operation.
- Circulate pump start and condenser water box filling, Condenser water vacuum pump, Debris filter, Gland steam and vacuum preparation, Lube oil and turning gear, HRSG starts and bypass operation, Turbine governing system.
- Operation for Generator and synchronizing, Generator Auxiliary Systems.

Dates : From Oct. 2010 till Mar. 2012
Employer : ERIS (Egyptian Railway for Integrated Services)
Project : Etay Elbarod Train Washer
Job title : Commissioning & Start-up Engineer

- Job Description** :
- Making first start-up for Train Washer.
 - Making Megger test for medium voltage cables.
 - Making Continuity test for medium voltage cables.
 - Making Function test for low voltage cables and relays.