

103443-ELE-15OS-E-2009
Start-up & Commissioning Engineer

Holds a B. Sc. in Communication & Electronics Engineering and has over 11 years hands-on experience, including 10 years working in operation, commissioning and start-up at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 25/01/1988
Gender : Male
Marital Status : Married
Residence : Currently Kuwait

EDUCATION

: B. Sc. in Communication & Electronics Engineering, Aviation Academy, Cairo, 2009

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Attended official 36 hrs classroom PMP (Project Management Professional) exam preparations.
- : Gas Turbine (Siemens V94.3A) at Nubaria Power Station.
- : SDH – NGSDH at Huawei Tec.
- : DWDM – NGDW at Huawei Tec.
- : Automatic control at Don Bosco.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2021 till now
Employer : Algahnim International KUWAIT
Job title : Start-up & Commissioning Engineer
Job Description :

- Start-up and Operation Engineer for 2 HRSG and Siemens Steam Turbine SST5-5000 (300MW).
- Commissioning Superintendent with Steam Blowing for 2 HRSG.

- Supervise for prepare and lineup Steam blowing.
- Perform chemical cleaning for HP & LP system.
- Hydro test and Chemical cleaning.
- Air blows on instrument air and service air systems.
- Reporting Daily & Weekly Commissioning activities and Observations.
- Reporting power plant data & alarms and Observations.
- System walk downs to identify punch-list items.
- LOTO and PTW (Permit to work).

Dates : From Jul. 2019 till Jan. 2021
Employer : Algahnim International KUWAIT
Project : Sabyia Thermal Power Plant, Kuwait
Job title : Start-up & Shift Charge Engineer
Job Description :

- Start-up and Operation Engineer for 2 Siemens Gas Turbine 4000F (500MW).
- Start-up and Operation Engineer for 2 HRSG and GE Steam Turbine (250MW) (Hydro Test – Chemical Cleaning – Steam blowing – Start-up – Bypass Operation).
- Commissioning and Start-up for Gas Compressors and Cooling Tower system.
- Follow permits and PTW.
- Reporting power plant data & alarms and Observations.
- System walk downs to identify punch-list items.

Dates : From Apr. 2018 till Jul. 2019
Employer : [EGYPTROL](#), Ansaldo Energia Subcontractor
Project : October CCPP - 900MW ADD ON (Turn Key Project)
Job title : Commissioning & Shift Charge Engineer
Job Description :

- Shift Charge Engineer, responsibility during shift for plant start-up.
- Start-up and Commissioning Engineer for ANSALDO steam turbine.
- Commissioning Superintendent with Steam Blowing for 4 HRSG.
- LOTO and PTW (Permit to work).
- Supervise for prepare and lineup Steam blowing.
- Perform loop check for all motor valve of AC BOILER HRSG.
- Perform chemical cleaning for HP & LP system.

Dates : From Jun. 2017 till Mar. 2018
Employer : Techint Engineering & Construction
Project : Damietta CCPS - 1500MW, CP-118
Job title : Commissioning & Operation Engineer
Job Description :

- Start-up and Commissioning Engineer.
- Shift Charge Engineer, responsibility during the shift for plant start-up, Operation, Shutdown, Emergency handling, Troubleshooting, Issue of safety work permits and coordination with commissioning dept.
- Co-ordination with Load Dispatch Centre, Preparing shift reports, Ensuring safety of personnel and equipment & Performance Monitoring.
- Start-up and Commissioning Engineer: Feedwater Pumps, Condensate System, Closed Cooling systems, Potable water system, Chemical

system, Fire system.

- Hydro test and Chemical cleaning (FW - C.C - CND - LP - HP system).
- Air blows on instrument air and service air systems.
- Start-up and lineup Steam blowing.
- System walk-downs to identify mechanical punch-list items.

Dates : From Apr. 2010 till Jun. 2017

Project : Nubaria Combined Cycle Power Station (2250MW):

- Two modules (2x750MW), each module consists of:
 - Two Siemens CTG 250MW type V94.3A.
 - Two horizontal Alston HRSG.
 - One Mitsubishi STG 250MW (HP, IP, LP).
- One module (750MW) consists of:
 - Two units Gas Turbine (GE MS9FA) - Generator Drive (250MW).
 - Two horizontal HRSG (STF).
 - One ALSTOM Steam Turbine - Generator Drive (250MW).

Job title : Operation Engineer

Job Description :

- Start-up and operation gas turbine.
- Start-up and operation steam turbine.
- Monitor power plant equipment and indicators to detect evidence of operating problems.
- Control power generating equipment, including boilers, turbines, generators, or reactors, using control boards or semi-automatic equipment.
- Regulate equipment operations and conditions, such as water levels, based on instrument data or from computers.
- Start or stop generators, auxiliary pumping equipment, turbines, or other power plant equipment as necessary.
- Control or maintain auxiliary equipment, such as pumps, fans, compressors, condensers, filters, or chlorinators, to supply water, fuel, lubricants, air, or auxiliary power.
- Clean, lubricate, or maintain equipment, such as generators, turbines, pumps, or compressors, to prevent failure or deterioration.

Dates : From Jun. 2015 till Apr. 2016

Employer : [EGYPTROL](http://www.egyptrol.com), GE Energy Subcontractor

Projects : Gerga, Cairo East, Heliopolis, Basatin – GE TM 2500

Job title : Start-up & Operator Engineer

Job Description :

- Operation Engineer at TM2500 projects which each site consists of two GE units (TM2500).
- Working as Operation Engineer at sites (Gerga, Cairo East, Heliopolis, Basatin).
- Monitor power plant equipment and indicators to detect evidence of operating problems.
- Regulate equipment operations and conditions, such as water levels, based on instrument data or from computers.
- Clean, lubricate, or maintain equipment, such as generators, turbines, pumps, or compressors, to prevent failure or deterioration.
- Communicate with systems operators to regulate and coordinate line voltages and transmission loads and frequencies.

- Start-up and operation all auxiliary systems.

Dates : From Sep. 2009 till Apr. 2010
Employer : Huawei Technologies Co. (Telecom Industry)
Job title : Team Coordinator
Job Description :

- Installed & commission Huawei's Transmission equipment (DWDM OSN 6800).
- Working as Installation, Commissioning and Survey Engineer for Huawei in the project of the 3rd operator of (Etisalat Egypt) and (Vodafone).
- Installed & commission Huawei's Transmission equipment (Optical fiber).
- Working as Installation, Commissioning Engineer for Huawei equipment (NE 40-BTS-BSC).
- Working as a Maintenance Engineer for Huawei equipment (OSN –RTN –NE40-BTS-BSC-DWDM- HLR-VLR).
- Technical Support.
- Preparing the Documentation of the site and acceptance formula.
- Leading the installation Process and Preparing the Quality Inspection Sheet.

Administrative Responsibilities:

- Leading, coordination, and supervision of operation teams during project from commissioning phase to start-up until normal operation.
- Team development and provide technical training to team members.

Field of experience :

- Over 11 years experience in commissioning, start-up, lead operation and PTW:
 - GE GT (9F/9E/TM2500/LM6000) & GE STG.
 - SIEMENS GT (V94.3A - 250MW).
 - ANSALDO ENERGIA STG & MHI STG.
 - DOOSAN HRSG & ALSTOM HRSG & AC BOILER HRSG.
- Positions:
 - Start-up & Commissioning Engineer at Algahnim International KUWAIT.
 - Commissioning – Start-up & Shift Charge Engineer at WEST Damietta CCPS 750MW.
 - Commissioning – Start-up & Shift Charge Engineer at OCTOBER CCPS 900MW.
 - Shift Charge Engineer GE gas turbine 2x25MW.
 - Operation Engineer at Nubaria Combined Cycle Power Plant (2250MW) in Egypt.
 - Knopf Warranty.