

Commissioning & Start-up Field Operating Technician

Holds a Mechanical Diploma and has about 14 years hands-on experience, including 11 years working in commissioning and start-up at Power Stations.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/09/1984
Gender : Male
Marital Status : Married
Residence : Gharbia

EDUCATION

: Mechanical Diploma

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : ICDL certificate.
- : Training with TOSHIBA Company on Commissioning and Start-up System of Plant (B.O.P.).
- : Training with TOSHIBA Company on rules of safety.
- : Training with ANSALDO ENERGIA Company on commissioning and start-up system of plant (B.O.P.).
- : Commissioning and start-up and operation training, ANSALDO CALDAIE.
- : Training with DOOSAN Company on commissioning and start-up and operation.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Nov. 2020 till now
Employer : [EGYPTROL](http://www.egyptrol.com), Seconded to Ansaldo Caldaie
Project : Assiut Supercritical Thermal Power Plant Unit #1 (Steam Generator & Auxiliaries - 1x650MW)

Job title : Commissioning & Start-up Field Operating Technician

- Job Description** :
- Solo test for all motor.
 - Hydrun test for all pumps and fans.
 - Water and steam cycle.
 - Chemical Cleaning.
 - Combustion air / flue gases.
 - Natural gas, Mazout & Solar oil System.
 - Fire fighting system.
 - Shut off & Control valves.
 - Soot blower system.
 - FD Fan & forced draft fan.
 - GR Fan & gas re-circulation fan.
 - Air preheater (gas preheater).
 - Fuel Oil heaters.
 - Steam coil heater.
 - Burners System.
 - Boiler Circulation Pump.

Dates : From Apr. 2018 till Oct. 2020

Employer : [EGYPTROL](#), Seconded to Ansaldo Caldaie

Project : SOUTH HELWAN Supercritical Thermal Power Plant Units 1, 2 & 3 (Steam Generator & Auxiliaries - 3x650MW and Auxiliary Boiler)

Job title : Commissioning & Start-up Field Operating Technician

- Job Description** :
- Solo test for all motor.
 - Hydrun test for all pumps and fans.
 - Water and steam cycle.
 - Chemical Cleaning.
 - Combustion air /flue gases.
 - Natural gas, Mazout & Solar oil System.
 - Fire fighting system.
 - Shut off & Control valves.
 - Soot blower system.
 - FD Fan & forced draft fan.
 - GR Fan & gas re-circulation fan.
 - Air preheater (gas preheater).
 - Fuel Oil heaters.
 - Steam coil heater.
 - Burners System.
 - Boiler Circulation Pump.
 - Aux Boiler.

Dates : From Jun. 2017 till Apr. 2018

Employer : [EGYPTROL](#), Seconded to Ansaldo Caldaie

Project : West Damietta New Power Plant Project (450MW Combined Cycle)

The Combined Cycle Station one module consists of:

- Four Gas Turbines CTG (4x125MW) (GE).
- Four horizontal HRSG (Ansaldo Caldaie) with two deaerator storage tank and eight drum (HP – LP) drum.
- One steam turbine generation STG 250MW (ANSALDO ENERGIA).

Job title : Medium and Low Voltage Switchgears (Schneider).
Job Description :

- Control Valves.
- Safety Valves.
- Hydraulic Oil System for Diverter Damper.
- Fire fighting System.

Dates : From Nov. 2015 till Jun. 2017
Employer : [EGYPTROL](#), Seconded to Ansaldo Caldaie
Project : SUEZ Thermal Power Plant Project
(Steam Generator & Auxiliaries - 650MW)
Job title : Commissioning & Start-up Technician
Job Description :

- Solo test for all motor.
- Hydro test for all pumps and fans.
- Water and steam cycle.
- Combustion air / flue gases.
- Natural gas, Mazout & Solar oil System.
- Fire fighting system.
- Shut off valves.
- Soot blower system.
- FD Fan & forced draft fan.
- Air pre-heater (gas pre-heater).
- Fuel Oil heaters.
- Steam coil heater.
- Burners System.

Dates : From Nov. 2013 till Jul. 2015
Employer : [EGYPTROL](#), Seconded to Doosan
Project : EL AIN SOKHNA Supercritical Thermal Power Plant units 1 & 2
(Steam Generator & Auxiliaries - 2x650MW)
Job title : Commissioning & Start-up Technician
Job Description :

- Solo test for all motor.
- Hydro test for all pumps and fans.
- Water and steam cycle.
- Combustion air / flue gases.
- Natural gas, Mazout & Solar oil System.
- Fire fighting system.
- Shut off valves.
- Soot blower system.
- FD Fan & forced draft fan.
- Air pre-heater (gas pre-heater).
- Fuel Oil heaters.
- Steam coil heater.
- Burners System.
- Boiler Circulation Pump.

Dates : From May 2013 till Jul. 2013
Employer : [EGYPTROL](#), Commissioning Subcontractor for ANSALDO CALDAIE S.P.A.

Project : Abu Qir Thermal Power Plant 2x650MW

Job title : Commissioning & Start-up Technician

Job Description :

- Combustion air / flue gases.
- Natural gas, Mazout & Solar oil System.
- Shut off valves.
- Soot blower system.
- FD Fan & forced draft fan.
- Air preheater (gas preheater).
- Fuel Oil heaters.
- Steam coil heater.
- Burners System.

Dates : From Jan. 2012 till Apr. 2013

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

Project : 6th October Power Station (600MW):

- Four Gas Turbines (4x150MW), ANSALDO
- 220KV Switchyard, Four tie transformers 220
- Medium and Low Voltage Switchgears

Job title : Commissioning & Start-up Technician

Job Description :

- Closed Cooling System.
- Two Emergency / Black Start Diesel Generators.
- Fire fighting system.
- Hydraulic Oil System for Foul Oil System.
- GT Hco system outline.
- Natural Gas Final Filtration System.
- Fire Fighting Co2 system.
- Air Intake System-filter cleaning.
- Blow Off System.
- Compressor Cleaning System.
- Lubricating and Lifting Oil System.
- Hydraulic Oil System for Foul Gas System.

Dates : From Apr. 2010 till Dec. 2011

Employer : [EGYPTROL](#), Seconded to TOSHIBA Plant Systems & Services Corporation

Project : Sidi Krir Combined Cycle Power Station 750MW (2x2x1)

Job title : Commissioning & Start-up Technician

Job Description :

- Instrument air compressors & Service air compressors & Air Dryer.
- Fire fighting system.
- Electrical Emergency Diesel Engine.
- Service Gas System (CO2, H2 & N2).
- Control Valves.
- Operate the System of Plant (B.O.P.) from Local Control Panels (LCP).

Dates : From Feb. 2010 till Apr. 2010

Employer : [EGYPTROL](#), Commissioning & Operation Subcontractor for BoP Electrical and Mechanical Contractors TOSHIBA/TOYOTA

Project : EI-Atf Combined Cycle Power Plant 750MW

Job title : Commissioning & Start-up Technician

Job Description : Commissioning, start-up and operation (from the local):

- Steam Blow for HP Line, IP Line, LP Line.
- Horizontal Pumps & Vertical Sump Pumps.
- High pressure feed water pumps.
- Low pressure feed water pumps.
- Circulating pumps.
- Condensate pumps.

Dates : From Jan. 2009 till Nov. 2009
Employer : Degrees Restaurant in Sharm El-Sheikh
Job title : Mechanical Maintenance Technician

Dates : From Jan. 2007 till Nov. 2008
Employer : Arabia Hotel in Hurghada
Job title : Mechanical Maintenance Technician