

100528-MEC-1OS-E-2013
Boiler Commissioning & Local Operator Engineer

Holds a B. Sc. in Mechanical Power Engineering and has over 8 years hands-on experience working in operation, start-up and commissioning at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 25/11/1985
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University, 2013

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD

TRAINING COURSES AND CERTIFICATIONS

: Course elective (power station) and Heat, fluid dynamics and internal combustion in faculty labs.
: Course Welding (Oxy – Acetylene, ARC).
: Disassemble and testing and installation of a gasoline engine.
: Fire Fighting Systems design and Automatic control.
: Communication skill and Course sudden faults in car (alheiscan device).
: Course English in the British Center.
: Firefighting.
: HVAC (Heating Ventilation and Air Conditioning).
: AutoCAD (Version 2013).
: ICDL (International Computer Driving License).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Dec. 2020 till now
Employer : [EGYPTROL](#) - Ansaldo
Project : Assiut SUPERCRITICAL POWER PLANT 1x650MW GAS/OIL FIRED UNITS
Job title : Boiler Commissioning & Local Operator Engineer

Dates : From Jan. 2018 till Jul. 2020
Employer : [EGYPTROL](#)
Project : Conversion of Hail 2 Simple Cycle to Combined Cycle Power Plant 4 gas turbine 78MW (Siemens-SGT6-2000E), 4 boiler (Amec Foster Wheeler) and 1 steam turbine 156MW (Siemens-ST800), KSA
Job Description : Working as Mechanical Field Operator Engineer and T3000-DCS for Heat Recovery Steam Generator (HRSG) equipment and Steam Turbine.

Dates : From Nov. 2015 till Nov. 2017
Employer : [EGYPTROL](#)
Project : SUEZ THERMAL POWER PLANT 1x650MW
Job title : Boiler Commissioning & Local Operator Engineer

Dates : From Jul. 2015 till Nov. 2015
Employer : Elsewedy PSP
Project : Attaqa 4 x SGT 5PAC 2000E Gas/Oil Fired 650MW
Job title : Gas Turbine Local & Disc Operator Engineer

Dates : From Apr. 2014 till Jun. 2015
Employer : Global Professional Services Company (Doosan)
Project : Suez Supercritical Power Plant (2x650MW)
Job title : Boiler Commissioning & Local Operator Engineer

Field of experience :

- Worked as a Commissioning, Start-up and Operation Engineer for Heat Recovery Steam Generator (HRSG (Amec Foster Wheeler)) equipment and Steam Turbines doing the following:
 - Boiler Feed Water Pump system (BFWP), Boiler soot blower system, Boiler sealing air fans system, Air Cold Condenser (ACC), Condensate make-up pump system, Condensate Extraction Pumps, Closed Cooling Water System (CCW), Diverter Damper system, HP/LP system, Stork Type Feed water, Condensate heater system, Vents and Drainages system, Gland steam condenser (Gland Sealing in Steam Turbine) By-pass stations (pressure reduction + attemperation).
- Worked as a Commissioning, Start-up and Operation Engineer for Balance of Plant (BOP) equipment and Gas Turbines doing the following:
 - Familiar with (Gas Turbine start-up/Shutdown SGC, Operation and maintenance).

- Boiler circulation pump (BRP), Forced draft fan (FDF), Gas recirculation fan (GRF), Purge air fan, Sealing air fan, Damper sealing air fan, Start-up and shutdown gas/oil fired burner, Deal with and fire fighting system and it's equipment.
- Solo test for all motor, Hydrun test for all pumps and fans, Water and steam cycle, Combustion air /flue gases, Natural gas, Mazout & Solar oil System, Shut off valves, Safety valves, Soot blower system, FD Fan & forced draft fan, Air pre-heater (gas pre-heater), Fuel Oil heaters, Steam coil heater and Burners.