

101562-MEC-15MOS-S-1996

Mechanical Commissioning & Start-up Supervisor

Holds an Industrial Diploma (Electricity Dept.) and has about 22 years experience in operation and commissioning of steam power stations as a Plant Attendant and in diesel firm as Operator. Has also very good experience in maintenance of boiler mechanics works.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Residence : Gharbia

EDUCATION

: Certificate of Industrial Secondary School (Electricity Dept.), 1996

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: Power Plants System Operation Procedures, by Fossil Consulting Services (4 weeks).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Feb. 2018 till now
Employer : [EGYPTROL](#), SIEMENS AG Subcontractor
Project : Combined Cycle Power Plant New Capital four Blocks 4800MW
(8 GTs (SIEM 8000H-400MW) + 8 HRSGs (NEM) + 4 STGs (SIEM-400MW)
+ 4 ACCs Air Cooled Condenser)
Job title : Mechanical Commissioning & Start-up Supervisor
Job Description : Commissioning of the following systems:

- Water and steam cycle.
- Feed water system & pumps.
- Main condensate system & pumps.
- Polishing pump.

Dates : From May 2017 till Feb. 2018
Employer : ANSALDO CALDAIE
Project : West Damietta Combined Cycle Power Plant 750MW
(4 gas turbines GE 9EA, 4 HRSG ANSALDO CALDAIE & Steam turbine ANSALDO ENERGIA)
Job title : Mechanical Commissioning & Start-up Supervisor

Dates : From Sep. 2015 till May 2017
Employer : ANSALDO CALDAIE
Project : Suez Power Station 1x650MW
(1x650MW Alstom Turbo generator, 1x650 Boilers Ansaldo Caldaie natural circulations, Gas / Mazout firing, ROP Intech)
Job title : Mechanical Commissioning & Start-up Supervisor
Job Description : Commissioning of the following systems:

- Water and steam cycle.
- Combustion air /flue gases.
- Natural gas, Mazout & Solar oil.
- Firefighting.
- Shut off & Control valves.
- Fuel Oil heaters.
- Steam Blowing.
- Burners.
- Soot blower.

Dates : From Jul. 2014 till Sep. 2015
Employer : ANSALDO CALDAIE
Project : Banha Power Plant 750MW Combined Cycle
(2 x CTG 250MW GE, 2 x HRSG ANSALDO CALDAIE-STG ANSALDO ENERGIA at average summer air temperature)
Job title : Mechanical Commissioning & Start-up Supervisor
Job Description : HRSG Specification:

- Horizontal flue gas flow.
- Three pressure level + Re-heater + Condensate Preheater.
- Drum type natural circulation.
- 2 x CTG + 2 HRSG + 1 STG Configuration.
- Common External Dearator.
- HP Section: 75 Kg/sec, 132.8 bar, 560 °C at average summer air temperature.
- IP Section: 13.47 Kg/sec, 25.5 Bar, 318 °C at average summer air temperature.
- LP section: 5.5 Kg/sec, 4.9 Bar, 280 °C at average summer air temperature.

Dates : From Sep. 2011 till Jun. 2014
Employer : ANSALDO CALDAIE
Project : Abu Qir Power Station
(2x650MW Nat. gas, solar oil mazout oil firing, Boiler 2066 t/h, 183 bar, 541 °C HRH 41 bar 565 °C ABB DCS)

Job title : Mechanical Commissioning & Start-up Supervisor
Job Description :

- Commissioning of the following systems:
 - Water and steam cycle.
 - Combustion air/flue gases.
 - Natural Gas, Mazout & Solar Oil System.
 - Fire fighting system.
 - Shut off valves.
 - Fuel Oil heaters.
 - Steam Blowing.
 - Burners.
 - Soot blower.
- Closing punch items & warranty claims by arranging in coordination with the client all repair activities.
- Following all the incomplete items preparing for getting FAC for the project.
- Complete and managing the remaining recommended spare parts.
- Technical support for operation and maintenance for the boilers equipment's.

Dates : From May 2011 till Sep. 2011
Employer : ANSALDO CALDAIE
Project : Yanbu Power Station (1x140MW, Nat. gas, solar mazout oil firing) – KSA

Job title : Mechanical Commissioning & Start-up Supervisor
Job Description :

- Commissioning of the following systems:
 - Combustion air /flue gases and cooling air fans.
 - Natural gas, Mazout & Solar oil.
 - Burners.
- Closing punch items & warranty claims by arranging in coordination with the client all repair activities.
- Following all the incomplete items preparing for getting FAC for the project.
- Complete and managing the remaining recommended spare parts.
- Technical support for operation and maintenance for the boilers equipment's.

Dates : From Nov. 2009 till May 2011
Employer : ANSALDO CALDAIE
Project : EI-Tebbin Power Station:
(2x350MW, Nat. gas, solar mazout oil firing, Boiler 1200 t/h, 170 bar, 541 °C HRH 35 bar 541 °C ABB DCS)

Job title : Mechanical Commissioning & Start-up Supervisor
Job Description : Commissioning of the following systems:

- Water and steam cycle.
- Combustion air /flue gases.
- Natural gas, Mazout & Solar oil.
- Firefighting.
- Shut off & Control valves.
- Fuel Oil heaters.

- Steam Blowing.

Dates : From Feb. 2009 till Oct. 2009
Employer : ANSALDO CALDAIE
Project : Shoaiba Power Plant IWPP – KSA:

- 3 Boilers (3x660MW each) BMCR is 560KG/S each one Ansaldo Caldaie boiler manufactured, natural drum circulation, outdoor arrangement, opposite firing (front rear) and two pressure stages, including the ESP & FGD systems (electro static precipitator and flue gases desulphurization systems).
- 1 Auxiliary Boiler BMCR is 90T/HR Thermax Babcock and Wilcox manufactured.

Job title : Mechanical Commissioning & Start-up Supervisor
Job Description : Commissioning of the following systems:

- Water and steam cycle.
- Combustion air /flue gases.
- Natural gas, Mazout & Solar oil.
- Firefighting.
- Shut off & Control valves.
- Fuel Oil heaters.
- Steam Blowing.

Dates : From May 2006 till Feb. 2009
Employer : ALSTOM POWER – KSA
Project : Shoaiba Power Station Stage 2 – KSA
Job title : Power Plant Attendant
Job Description :

- 6x400MW Crude / HFO fired CE drum type controlled circulation reheat boiler, including:
 - Boiler draft equipment: 2 x 50% ID / FD / GR fans, air heater, damper.
 - Soot blower, ESP, Ash handling plant.
- Bypass Systems, HP/LP Bypass system to divert the steam around the turbine, if required.
- Steam turbine, ABB condensing steam turbine consisting of HP cylinder, IP cylinder and LP cylinder.
- ABB H2 cooled Generator, ABB sea water cooled Condenser, 7 Stage regenerator feed water heaters, Main Circulating water system, Closed cooling water system, Water supply system, Waste water system, Plant water system (Desalination system, Demineralization system, Chlorination system), Sampling system, Dosing system, Compressed air system, Control system (ABB control system ADVANT Power & local control systems for BOP systems) Emergency & Black start diesel Generators, Fuel handling system, Auxiliary boiler system, Hydrogen production system.

Dates : From Mar. 2000 till May 2006
Employer : Egyptian Electricity Authority (EEA)

Project : El-Kureimat Thermal Power Station
(2x627 MW Natural Circulation, Natural gas / HFO Fired B&W "El Paso" design boiler, GE T/G with Mark V control, Fisher HP/LP Bypass System and Westinghouse WDPF (DCS), Bamag Water Treatment System)

Job title : Plant Attendant

Dates : From Aug. 1996 till Feb. 2000

Employer : ELECTRO THARWAT for Trading & Contracting

Job Description :

- Worked in maintenance & operation in main workshop of MV / LV Switchgear, LV motors & generators.
- I have very good hand experiences of electrical & mechanical maintenance.