

100108-MEC-OS-E-2000
Commissioning & Start-up Manager

Holds a B. Sc. in Mechanical Power Engineering and has over 14 years hands-on experience working in operation, commissioning and start-up of several Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 24/06/1976
Gender : Male
Marital Status : Married
Residence : Currently Algeria

EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University, 2000

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : ALSPA P320 Distributed Control Systems (DCS) Operator training (ALSTOM Power control systems), ALSTOM Heavy Industries, Massy (Paris) – FRANCE (Jan./Feb. 2006).
- : Fire fighting training, INITEC-CHEMTROL under the direction of INITEC Energia Spain, Nubaria Site (Jun. 2006).
- : Mechanical maintenance training of gas turbine, Siemens Power Generation, Nubaria Site (Aug. 2005).
- : Continuous Emission Monitoring Control System, ALTEC Environment Technology, USA, held in Egypt (May/Jun. 2005).
- : Basic operation training of gas turbine (2), Siemens Power Generation, Nubaria Site (Apr. 2005).
- : Basic operation training of gas turbine, Siemens Power Generation, Damanshour (from Sep. till Dec. 2004).
- : Preventive maintenance, Arab Iron & Steel Union (Mar./Apr. 2003).
- : Total management maintenance system, Arab Iron & Steel Union (Apr./May 2003).

: Maintaining of the overhead cranes, Arab Iron & Steel Union (Jun./Jul. 2003).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2016 till now
Employer : GAMA Power System
Project : Boufaric 3x250MW, GE Gas Turbines 9FA Simple Cycle Power Plant, Algeria
Job title : Commissioning & Start-up Manager
Job Description :

- Supervise the commissioning and start-up engineering activities for 3 x GT 9FA Gas Turbines with both gas fuel and liquid fuel firing mode.
- Supervise the commissioning and start-up activities for all BOP equipment.

Dates : From Feb. 2015 till Jan. 2016
Employer : GE Power & Water
Project : Assiut Combined Cycle 1500 Power Plant, Egypt (First stage)
Job title : Commissioning & Start-up Team Leader (Deputy Commissioning Manager)
Job Description :

- Supervise the commissioning and start-up engineering activities for 8 9E Gas Turbines.
- Supervise the commissioning and start-up engineering activities for Mazot FOTP (Fuel Oil Treatment Plant) manufactured by NEC/CAMERON.
- Supervise the commissioning and start-up activities for all BOP equipment.

Dates : From Aug. 2013 till Feb. 2015
Employer : GAMA POWER SYSTEMS
Project : ERZIN, HATAY, TURKEY - 1000MW CCGP
Job title : Commissioning & Start-up Team Leader
Job Description :

- Supervise the start-up engineering activities.
- Plan and direct start-up engineering assignments on the project(s) and have technical responsibilities for interpreting, organizing, executing, and coordinating.
- Responsible for the startup and/or operations activities.
- Supervise and provide technical guidance to personnel assigned within area of responsibility.
- Lead Team of engineers and technicians to make necessary commissioning tests and starting up for all the pumps, make the steam blow for the steam Lines and HRSG steam lines

Dates : From Aug. 2012 till Aug. 2013
Employer : ARABIAN BEMCO CONTRACTING CO.
Project : Qurayya Power Station (3x3x1)4500MW Combined Cycle in KSA
Job title : Senior Commissioning & Start-up Engineer (Team Leader)

Job Description :

- Supervise the start-up engineering activities.
- Plan and direct start-up engineering assignments on the project(s) and have technical responsibilities for interpreting, organizing, executing and coordinating.
- Responsible for the startup and/or operations activities.
- Supervise and provide technical guidance to personnel assigned within area of responsibility.
- Lead Team of engineers and technicians to make necessary commissioning tests and starting up for all the pumps, make the steam blow for the steam Lines and HRSG steam lines, the power plant consists of 18 gas turbines GE 9E, 18 combined HRSG DOOSAN and 6 combines steam turbine GE D11.

Dates : From Apr. 2012 till Aug. 2012
Employer : INITEC ENERGIA
Project : El-Kureimat III 750 Combined Cycle Power Station (2x2x1) 2 gas turbines GE9FA 250MW, with combined STG ALSTOM 250MW
Job title : Senior Commissioning & Start-up Engineer (Team Leader)
Job Description : Lead Team of engineers and technicians to make necessary commissioning tests and starting up for all power station equipment: pumps, underground pipe lines, combined (CMI) HRSG and steam lines, and make the steam blow for the steam Lines and (CMI) HRSG steam lines.

Dates : From May 2011 till Mar. 2012
Employer : Kharafi National
Project : Al-Shabab Power Station
(consists of 8 gas turbines GE 9E 125MW)
Job title : Senior Commissioning & Start-up Engineer (Team Leader)
Job Description : Lead Team of engineers and technicians to make necessary commissioning tests for the 8 gas turbines 125MW GE 9E, underground pipe lines, water treatment unit, and make start-up for all of them and operate them till the turn over package to the owner.

Dates : From Jun. 2010 till May 2011
Employer : INITEC ENERGÍA
Project : Cairo West Thermal Power Plant (CP-118):
2 Toyota Hitachi thermal boilers with 2 Mitsubishi 350MW steam turbines
Job title : Senior Commissioning & Start-up Engineer
Job Description :

- Make necessary commissioning tests (oil flushing and motor heat run (no load test) and starting up for all the pumps (all the pumps are THERMO MECHANICA TMP Italian pumps).
- Make the function tests and start-up for variable speed feed water pumps and make all necessary tests for the scope tube (VOITH) 1500 rpm to 5000 rpm.
- Responsible of all loop checks and function tests of all the pumps with the YOKOJAWA DCS operating system CENTUM 2000.
- Prepare and make purge and flush and support chemical clean for all water and steam pipe lines.
- Prepare and support the steam blow for all steam lines.

Dates : From Mar. 2009 till Jun. 2010
Employer : TOSHIBA
Project : Sidi Krir Power Plant 750MW (CP-118):
 2 Mitsubishi gas turbines with 2 NEM combined boilers and 1 ANSALDO combined Steam Turbine
Job title : Senior Commissioning & Start-up Engineer
Job Description :

- Make necessary commissioning tests and starting up for all the pumps, underground pipe lines and steam lines.
- Make the steam blow for the steam Lines and HRSG steam lines.
- Make any necessary function tests using YOKOJAWA CENTUM 2000 DCS operating system.

Dates : From Mar. 2008 till Mar. 2009
Project : Nubaria Combined Cycle Power Plant (2250MW):
 Contains 3 Modules:

- Module 1 and Module 2 contains 4x250MW Siemens gas turbines, 4 HRSG (ALSTOM) and 2 combined Mitsubishi steam turbines.
- Module 3 contains 2x250MW GE gas turbines, 2 HRSG (STF) and 1 combined ALSTOM steam turbine.

Job title : Commissioning & Start-up Engineer (Module 3)
Job Description :

- Supervise and manage the installation and start-up of 2x250 gas turbine (GE) with all commissioning tests and preparing the 2 gas turbines to operate with fuel oil and fuel gas and make the performance tests before the TOC.
- Supervise and manage the installation of the two HRSG (STF) and perform the hydro test and chemical clean for all steam and water pressure lines of the HRSG and prepare the steam lines for the steam blow which I have performed and shared before in Module 1 and Module 2 (ALSTOM HRSGs) at Nubaria Power Plant.
- Supervise and manage the installation of the HRSG's feed water pumps (HIP pumps and LP pumps) and make necessary tests before starting them.
- Supervise the installation of the water and steam pipe lines.
- Supervise the installation of the PUMP HOUSE (service water pumps, circulating water pumps, traveling screens and its back wash pumps, etc.).
- Follow the loop check test with the DCS (YOKOJAWA) and the DCS function test.

Dates : From Jan. 2002 till Mar. 2008
Project : Nubaria Combined Cycle Power Plant (2250MW)
Job title : Mechanical Project Commissioning & Start-up Engineer (Modules 1 & 2)
Job Description :

- Approving sit acceptance tests, commissioning and start-up for:
 - 4 Combustion Turbine Generators (SIEMENS).
 - Combined Steam turbine generator mechanical equipments (MITSUBISHI Heavy Industries).
 - 4 Heat Recovery Steam Generators (ALSTOM, USA).
 - Under & above ground piping, pumps & valves (INITEC ENERGIA).
- Supervise hydro test, chemical clean, the steam blow for the Heat recovery steam generator (ALSTOM) and all related constructions.