

100730-MEC-1DHMOS-E-2002

Commissioning & Shift Charge Engineer

Holds a B. Sc. in Mechanical Power Engineering and has more than 18 years hands-on experience working in maintenance, operation, commissioning and start-up.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 04/06/1977
Gender : Male
Marital Status : Married
Residence : Giza, Cairo

EDUCATION

: B. Sc. in Mechanical Power Engineering, Cairo University, 2002

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet

TRAINING COURSES AND CERTIFICATIONS

- : SIEMENS: offshore training on operation of gas turbine, Germany (Jun. 2006).
- : Belgium and Czech: offshore training on operation of HRSG (Heat Recovery Steam Generation) (Nov. 2007).
- : Hitachi: training on operation of steam turbine (Jun. 2008).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Feb. 2011 till Feb. 2021
Project : Al-Shuaiba North Power Station and Distillation (Kuwait)
(3 GT GE Frame 9001 FA with 250MW for each one, 3 HRSG, 1 STG back pressure Toshiba 215MW and 3 distiller MSF 15 MIG for each one)
Job title : Commissioning & Shift Charge Engineer
Job Description :

- Manage operation process in CCR.
- Make operation plan for Power plant and operation reports.
- Insert in emergency case to control of operation.

- Distribute tasks for operation staff.
- Operate any GT, HRSG, STG and Distillation plant.
- Assist Maintenance Dept. to solve problems.
- In 2011 I made report for many logic signal fault in DCS and its solutions then all of them modified by Hyundai and MEW after that system performance improve.
- Sharing in Modified logic signal diagram for BOP and HRSG.
- Modified logic signal diagram for auto start-up program of power plant.
- Able to start all power plant by using APS (Automatic plant System).
- Commissioning work for all power plant units.
- Sharing in training program for Kuwaiti engineers on operation process for SNPS.

Dates : From Feb. 2010 till May 2010
Employer : BEMCO
Project : AL-QURRYIAH Power Station (15x170MW) GE Gas Turbine Frame 7001 FA in Saudi Arabia
Job Description : Start-up and commissioning for GTs, 6 Gas compressor, fuel oil pumps station, Hydrogen plant and water plant.

Dates : From Jan. 2007 till Feb. 2010
Project : EI-Kureimat II & III Power Station (2x750MW combined cycle):

- Two Siemens CTG 250MW type V94.3A. and Two GE Frame 9 250MW.
- Four vertical Skoda (HRSG), Heat Recovery Steam Generator.
- One Hitachi STG 250MW (HP, IP, LP) and One ALSTOM STG 250MW (HP, IP, LP).

Job title : Start-up & Commissioning, then Shift Charge Engineer in operation
Job Description :

- Make all tests on equipment before start.
- Make chemical cleaning of HRSG pipes.
- Make steam blow for HRSG pipes and Steam Turbine pipes.
- Direct and manage the workflow of Engineers within the scope of assigned projects; ensure understanding and application of best practices, industry trends and skill development.
- Develop and review technical reports.
- Advise on the operation activities to meet the dispatch center requirements.
- Fast dealing with emergency case inside control room.
- Review all drawing before erection.
- Observe all works in construction.
- Instruction the operation team to meet the requirements.

Dates : From Jul. 2003 till Jan. 2007
Project : EI-Kureimat I Power Station (1254MW steam cycle)
Job Description : Worked in maintenance and operation :

- Maintenance for BOP plant (valves, pumps, heaters and condenser).
- Store work for insert items and arrangement these items.
- Worked as Operation Engineer for boiler and turbine.
- Participate in technical discussion for EL-KUREIMAT II POWER STATION contracts.

Dates : From Aug. 2002 till Jul. 2003
Employer : RACO for construction and air conditioning in Egypt
Job Description :

- Worked in design for load estimation of central air conditioning.
- Supervise on erection of central air conditioning units.