

102901-MEC-1OS-E-2002
Operation & Commissioning Engineer

Holds a B. Sc. in Mechanical Power Engineering and a Diploma of Mechanical Engineering "Power Plant". Has over 16 years hands-on experience working in operation and commissioning.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 09/10/1979
Gender : Male
Marital Status : Married
Residence : El-Minia

EDUCATION

- : B. Sc. in Mechanical Power Engineering, El-Minia University, 2002
- : Diploma of Mechanical Engineering "Power Plant", Cairo University, 2012

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

- : Windows, MS Office (Word, Excel, Access, Power Point), Internet
- : Enterprise Maintenance Planning and Control (EMPAC) application, a Computerized Maintenance Management System (CMMS) software being used by operations, maintenance, inventory, purchasing and the management

TRAINING COURSES AND CERTIFICATIONS

- : Operation Training course in Egyptian Electricity Authority, Delta West Electricity Production Company (COMBINED CYCLE).
- : TOT course, Arab Republic of Egypt Ministry of Electricity and Energy.
- : South Helwan Supercritical Power Plant 3x670MW distributed control system OTS by Schneider Electric.
- : Exciter 2100e on-site training by BAKER HUGHES (GE) Company.
- : Operation of Steam Turbine 2x650MW (GE) of El-Kureimat (I).
- : Operation of SIEMENS Gas Turbine V94.3A of El-Kureimat (II).
- : Operation of Steam Turbine 250MW (Hitachi) of El-Kureimat (II).
- : Operation of HRSG by CMI & SKODA of El-Kureimat (II).
- : Operation of DCS control system by Emerson.

- : Training course in butterfly valves, pneumatic actuators and accessories in EBRO ARMATUREN in Hagen, Germany.
- : Training course in PUMP COLLEGE VARISCO in Italy.
- : Training course in NETZSCH in Germany.
- : Training course in SAVINO BARBERA centrifugal plastic pumps in Italy.
- : Training course in OBL metering pumps in Milano, Italy.
- : Training course in ANTICOMIX maintenance and troubleshooting of agitators in Italy.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2019 till now
Project : South Helwan Supercritical Power Plant
Job title : Operation & Commissioning Engineer

Dates : From Jan. 2010 till Dec. 2018
Employer : Upper Egypt Electricity Production Company (UEEPC)
Project : El-Kureimat I Thermal Power Station (2x650MW)
Job title : Shift Supervisor
Job Description :

- Supervise, control and co-ordinate all plant operations activities to ensure timely and effective plant production in accordance with established schedules, quality, cost and time objectives, also responsible for safe start-up/shutdown of the plant as per the Standard Operating Procedures.
- Start-up El-Kureimat (I) 1300MW Steam Cycle Power Plant (GE turbine, Babcock & Wilcox Boilers), keep all Equipment's in normal operation condition, auxiliaries' changeover, test, isolation and observe the power plant in all operation conditions.

Dates : From Jul. 2006 till Dec. 2009
Employer : Upper Egypt Electricity Production Company (UEEPC)
Project : El-Kureimat Thermal Power Station
Job titles :

- Hitachi Steam Turbine (250MW) Commissioning, Start-up and Operation Engineer (from Aug. 2008 till Dec. 2009)
- HRSG Commissioning, Start-up and Operation Engineer (from Jul. 2006 till Jul. 2008)

Job Description :

- Commissioning Engineer for steam turbine equipment (valves, pumps, motors ...etc.), execute I&C tests (transmitters calibration, continuity, Loop check ...etc.), also supervise the generator and its auxiliaries' tests, execute the steam turbine Reliability and performance tests, make start-up & shutdown for steam turbine generator and keep all auxiliaries in a good operation condition.
- HRSG Commissioning Engineer to run the commissioning program for HRSG (chemical cleaning, steam blowing, conservation, and auxiliaries commissioningetc.), Operation Engineer for HRSG (HRSG start-up and shutdown and keep it in normal operation conditions).

Dates : From May 2003 till Jul. 2006
Employer : PGESCO
Project : El-Kureimat I Thermal Power Station (2x650MW)
Job title : Control Room Operator
Job Description :

- Following proceeding for systems cold and hot start-up for following systems and equipment's: boiler, Turbine, feed water systems, circulating, open and closed cooling systems, condensate systems, Auxiliaries, etc.
- Perform daily and weekly testing for systems.
- Monitoring and Control of all mechanical and electrical systems and equipments in both transient and steady state condition.
- Control and safe shutdown all system and equipments in case of units outage: schedule, forced.
- Isolate and write down craft tags for outage systems or equipments for maintenance or protect the equipment from failure.
- Study and recommend procedures and practices to improve operational efficiency.