

100999-MET-18HOSY-E-2006
Senior Project Commissioning Engineer

Holds a B. Sc. in Mechatronics Engineering and has about 16 years hands-on experience working in operation, commissioning and start-up.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 03/07/1982
Gender : Male
Marital Status : Married
Residence : Currently Kuwait

EDUCATION

: B. Sc. in Mechatronics Engineering, Alexandria Institute of Technology, 2006

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD 10, 14, 2004
: Pascal, C and C++
: Matlab 6.5

TRAINING COURSES AND CERTIFICATIONS

: Operation of gas turbine & steam turbine, Mitsubishi Heavy Industries / Ansaldo Energia, El-Atf site.
: HVAC training Course: Improve the Quality of HVAC Installations and balancing.
: NEM – B.U. industrial & utility boilers, 7550 Hengelo, the Netherlands. And also, these courses in El-Atf site, Egypt:

- HRSG Operation and maintenance.
- HRSG water chemistry and safety.

: CENTUM CS 3000 R3 Fundamentals for operation, Yokogawa Middle East, El-Atf site.
: Maintenance and operation of horizontal pumps & sump pump, Toshiba, El-Atf site.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From May 2015 till now
Employer : KHARAFI NATIONAL
Project : Brine Water Pumps Station in Sulaibiya Waste Water Treatment and Reclamation Plant in Kuwait
Job title : Senior Project Commissioning Engineer
Job Description :

- Commissioning and start-up for all Pumps, Valves, Compressors & Tanks. Data recording and T.W.I (Technical Work Instructions) for all equipment. And make a final performance report.
- Conducting all preparation steps of units in field to realize permissive for start-up from control room such as (filling line of water free of bubbles, all safety valves ready, coolers in service, all skids of hydraulic and pneumatic ready, fire fighting ready, all electrical power source ready position of motorized valves in auto mode and ready to work locally, all manuals valves before and after control and motorized valves shall be open, etc.
- Responsible of start-up, operation, remarking alarms of units from control room and solve operation problems.
- Survey in field for more check and confirmation of safe operation of equipment.

Dates : From Dec. 2012 till Mar. 2015
Employer : Middle Delta Electricity Production Company (MDEPC)
Project : El-Aff Combined Cycle (1x750MW) Power Station
Job Description : Senior Commissioning Mechanical Engineer for 4 units gas ANSALDO turbine and the BOP.

Dates : From Dec. 2008 till Dec. 2012
Employer : Middle Delta Electricity Production Company (MDEPC)
Project : El-Aff Combined Cycle (1x750MW) Power Station
Job title : Commissioning, Start-up & Operation Engineer
Job Description :

- Commissioning, start-up and testing the HVAC & fire alarm systems.
- Commissioning, start-up and testing all other BOP, like pumps, compressors, heat exchangers.
- Commissioning and start-up of the following equipment:
 - Condensate system & condensate pumps.
 - Feed water system (LP, HP/IP) & FWP's.
 - Circulating water system & CW pumps.
 - Service water system.
 - Closed cooling system.
 - Instrument and service air system.
 - Potable water system.
 - Cooling water intake equipment (sluice gate, traveling screen).

Dates : From Jan. 2008 till Dec. 2008
Employer : Middle Delta Electricity Production Company (MDEPC)
Project : Nubaria Combined Cycle (2x750MW) Power Station
Job title : Operation & Commissioning Engineer

- Job Description** :
 - Unit start-up and shutdown procedures.
 - Monitoring parameters.
 - Testing the equipment.
 - LOTO (lock out – tag out), and issuing PTW (permit to work).
 - Plant equipment:
 - 4 Siemens gas turbines 250MW each (F94.3A) and its related auxiliaries.
 - 4 NEM HRSG.
 - (2x250) MHI steam turbine and its related auxiliaries.
 - Condensate system & condensate pumps.
 - Circulating water system & circulation pumps.
 - Feed water system & pumps.
- Dates** : From Dec. 2006 till Jan. 2008
- Project** : Construction of the main administration building
- Job title** : Commissioning, Start-up & Testing Engineer
- Job Description** :
 - Commissioning the HVAC system from the central building of the north military zone.
 - Commissioning, start-up and testing the HVAC & fire alarm systems.
 - Carry out final balance for the HVAC system.
 - Commissioning and testing the firefighting system.
- Field of experience** :
 - Commissioning and testing HVAC & fire Fighting Systems.
 - Pumps, Diesel generators, transformers and heat exchangers.
 - GAS turbine commissioning, start-up and operation.
 - Boiler (HRSG) commissioning, start-up and operation.
 - Steam turbine auxiliaries (condenser, vacuum system, tube cleaning system and debris filter) commissioning and start-up.
 - Commissioning and start-up for combined cycle auxiliaries such as (closed cooling system, condensate system, feed water system and circulating cooling system).
 - Technical ability in the field and in the office.
 - Adaptable, with ability to have valuable input to many aspects of a project.