

100834-MEC-1CGMOS-E-2002
Commissioning Manager & Acting Site Manager

Holds a B. Sc. in Mechanical Power Engineering and has over 18 years hands-on experience working in construction, maintenance, operation and commissioning.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 30/09/1979
Gender : Male
Marital Status : Married

EDUCATION

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

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: Adobe Acrobat Professional
: Utilities Programs
: Primavera

TRAINING COURSES AND CERTIFICATIONS

: 3 months training in UEEPC (Upper Egypt for Electricity Production Company) Training Center (steam turbine systems, Boiler and balance of plant).
: 3 weeks training in Damietta Power Station Combined Cycle 6x121 + 3x132MW.
: 6 weeks training in NUBARIA Combined Cycle 750MW.
: 3 weeks in Training Center about Gas Turbine Operating by SIEMENS.
: 2 weeks DCS training for HRSG Ovation Operator Course by EMERSON.
: 2 weeks training in Steam Turbine Operating (Elect & Mech) by HITACHI.
: 1 week training in HRSG Operating (Elect & Mech) by CMI.
: 1 month training in Germany for Gas Turbine Operation by SIEMENS.
: 1 month training about HRSG Operating.
: 3 weeks in Belgium for HRSG by CMI.

- : 1 week training in Czech for Pumps Operation by SKODA (HP/IP feed water pumps, LP feed water pumps & Condensate Pumps).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Feb. 2018 till Dec. 2020

Employer : GE & DOOSAN

Project : Assiut Add-on Combined Cycle Project
(500MW, 2x250MW steam turbine, 8 HRSGs)

Job title : Deputy Commissioning then Commissioning Manager & Acting Site Manager

Job Description :

- Commissioning Manager & Acting Site Manager: Construction Supervision / operation & maintenance / Deputy Pre-commissioning Manager responsible for the pre-commissioning and commissioning of GE GTs system / co-ordination with all disciplines (Mech, Elect and I&C for following all the site activities tools, material, site reports and previously leading commissioning of 8 HRSG and 2 steam turbines, coordination between construction and commissioning team / final walkdown/set up and perform steam blow / assist control & DCS team during tuning of HRSG valves/set up and follow commissioning plan with Client & partner.
- Deputy Commissioning Manager, Assiut Combined Cycle: Assist the commissioning manager for following all commissioning activities of 8 HRSG, coordination between construction and commissioning team / final walkdown/set up and perform steam blow / assist control & DCS team during tuning of HRSG valves/set up and follows commissioning plan with Client & partner / Following the commissioning Activities of two steam turbines GE D11, such as lube oil flushing, hydraulic oil flushing, H2 system commissioning, loop check for all the systems, steam turbines valves, drains, steam seal, seal oil, all motors, calibration for steam turbine hydraulic valves, tuning for steam seal supply/dump valve, also follow all startup tests such as, first rolling, steam turbine overspeed shutdown test, valves online test, valves tightening test, load rejection test, ...

Dates : From Jul. 2017 till Feb. 2018

Employer : GE & CMI

Project : PP13 Combined Cycle Project, KSA
(1500MW, 6x165MW GAS TURBINE, 6 HRSGs & 2x495MW steam turbine)

Job title : Deputy Pre-commissioning Manager

Job Description :

Construction Supervision / operation & maintenance / Deputy Pre-commissioning Manager responsible for the pre-commissioning and commissioning of GE GTs system / co-ordination with all disciplines (Mech, Elect and I&C for Construction Supervision / operation & maintenance / Deputy Pre-commissioning Manager responsible for the pre-commissioning and commissioning activities of GE GTs & STGs system / co-ordination with all disciplines (Mech, Elect and I&C for reviewing punch list and pushing for closing, holding meeting with the client to discuss the plan as per the schedule).

Dates : From Jan. 2017 till Jun. 2017
Employer : GAMA & SIEMENS
Project : Hamitabat Combined Cycle Project, Turkey
(1200MW, 2x280MW GAS TURBINE & 2x320MW steam turbine)
Job title : Lead Mechanical Commissioning Engineer
Job Description : Construction Supervision / operation & maintenance / lead commissioning team responsible for the pre-commissioning and commissioning of Siemens GTs & STG / co-ordination with all disciplines (Mech, Elect and I&C for reviewing punch list and pushing for closing, holding meeting with the client to discuss the plan as per the schedule).

Dates : From Mar. 2016 till Dec. 2016
Employer : Consortium between SIEMENS and ORASCOM
Project : New Capital Combined Cycle Project
(4800MW, 8x400MW GAS TURBINE & 4x400MW steam turbine)
Job title : Lead Mechanical Commissioning Engineer

Dates : From Apr. 2015 till Jan. 2016
Employer : GE
Project : Assiut Combined Cycle Project
(1500MW, 8x125MW GAS TURBINE frame 9E & 2x250MW steam turbine)
Job title : Lead Mechanical Commissioning Engineer

Dates : From Sep. 2013 till Sep. 2014
Employer : Consortium between GAMA & GE
Project : EGEMER / ERZIN Combined Cycle Project (900MW, 2x280MW GAS TURBINE frame 9FA & 1x280MW steam turbine), HATAY, TURKEY
Job title : Lead Mechanical Commissioning Engineer

Dates : From Apr. 2013 till Aug. 2013
Employer : BEMCO (Binladen Electro-mechanical Company)
Project : EI-Qurayyat Project Gas Turbine GE frame 7EA (2x65MW), KSA
Job title : Deputy Operation Manager

Dates : From Feb. 2012 till Apr. 2013
Employer : BEMCO (Binladen Electro-mechanical Company)
Project : EI-Qurayyah Project 6 modules (18x165MW Gas turbine Frame 9FA), KSA
Job title : Lead Mechanical Commissioning Engineer

Dates : From Apr. 2011 till Feb. 2012
Employer : BEMCO (Binladen Electro-mechanical Company)
Project : EI-Qurayyah Project, KSA
Job title : Senior Mechanical Commissioning Engineer

Dates : From Apr. 2010 till Mar. 2011
Employer : BEMCO (Binladen Electro-mechanical Company)
Project : El-Qassim Project Gas turbine (4x65MW frame 7EA), KSA
Job title : Start-up & Commissioning Engineer, then Shift Engineer

Dates : From Feb. 2003 till Apr. 2010
Employer : UEEPC
Project(s) :

- El-Kureimat 3 (2x250MW GE GT, Frame 9FA & 1x250MW Steam Turbine)
- El-Kureimat 2 (2x250MW SIEMENS GT, Frame 94.3A & 1x250MW Steam Turbine)
- El-Kureimat 1 (2x650MW steam turbine)

Job title : Lead Shift Operation Engineer & Field Engineer

Field of experience :

- Gas turbine (GE & SIEMENS) Commissioning experience in technical, leadership and scheduling aspects with co-ordination with all disciplines.
- Gas turbine (GE & SIEMENS) operation and maintenance experience.
- Site mechanical engineering experience in both construction and commissioning.
- Steam Turbine (GE, HITACHI & SIEMENS) commissioning and steam blow experience in technical and leader ship.
- Steam turbine operation and maintenance experience.
- HRSGs (CMI & DOOSAN) commissioning and chemical cleaning experience in technical and leader ship.
- Water treatment plant (Demin plant, Desalination, Electro-chlorination, Potable) commissioning experience.
- BOP systems (Hydrogen plant, Air system, Co2 system, Nitrogen system, closed cooling system, chemical dosing system, fuel systems, ...etc.) commissioning experience and operations.
- Engineering Skills:
 - Development Planning scheduling, conducting and co-coordinating the technical aspects of projects, and Programs for following and forecast all Project Engineering activities using planning software.
 - Assist of preparations, review; follow up of engineering project/technical proposals for Rotating Equipment, Pumps, ESP (Electric Submersible) Pumps, Turbines, fans and piping).
 - Development with Process Engineering the Systematization and Prioritization Utilities and Process Systems in order to establish responsible Owners for Pre-Commissioning, Commissioning and Start-up.
 - Coordination with operation personnel al the Documentation and Procedures for Commissioning and Start-up.
 - Develop of KPI's (Key Performance Indicators) for monitoring performance in equipment operations and take corrective actions.
 - Software packages (Windows Office, Primavera).
 - Field assistance and supervision in construction phase for equipment installation, Pre-Commissioning, Turn Over, Commissioning and Start-up.
 - Coordination meetings with Operations and Sub Contractors.