

107254-MEC-1OS-E-1999
Commissioning & Operation Manager

Holds a B. Sc. in Mechanical Power Engineering and has about 22 years hands-on experience working in commissioning, start-up and operation of Steam Turbine, Generator and auxiliaries.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Residence : Damanhour

EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University, 1999

LANGUAGES

Arabic : Native Language
English : Fluent
Italian : Fair
French : Basics

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: Safety, Health and Environmental.
: ISO Certification.
: Technical Report Writing.
: Power Plant Emergency Plan.
: Training courses in Power Plant operation and maintenance.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Oct. 2020 till now
Employer : DOOSAN HEAVY INDUSTRIES & CONSTRUCTION
Project : CAIRO WEST SUPERCRITICAL POWER PLANT 670MW
Job title : Commissioning & Operation Manager
Job Description :

- Responsible for overall project planning, progress follow up for electromechanical commissioning works.
- Work along with execution contractors, consulting firms and Ministry of

Electricity and Renewable Power to maintain project progress and on time delivery of project stages.

- Also supervise tests for the power plant operation.
- In addition, I lead the technical staff at the construction site.

Dates : From Jul. 2009 till Jul. 2020
Employer : ANSALDO ENERGIA
Projects : El-Aff, Banha, Giza North, West Damietta, 6th of October Combined Cycle Power Plants
Job titles : Technical Affairs Engineer, Start-up & Commissioning Engineer, Operation Team Lead & Warranty Engineer
Job Description :

- Provided technical assistance and support for the projects during the construction Phase, coordinated all the activities with the consultant and the client, followed the project templates and raised the technical mismatching issues with solutions for approval.
- Mainly worked as a Commissioning and Start-up Engineer of Steam turbine, generator and condenser package, responsible of preparing, testing and putting in service all the related auxiliaries and equipments, Prepared all the tests certificates of the steam turbine, Prepared the turn over package for achieving the TOAC.
- Worked as a Warranty Engineer to finish the remaining punch items, warranty defect notices issued by the client during the warranty period till the issuance of the project Final Acceptance Certificate.

Dates : From Dec. 2006 till Jun. 2009
Employer : National Electricity Technology Company - subsidiary of NATGAS - Egypt
Project : Borg Alarab Power Plant
Job title : Site Manager
Job Description :

- Designed and implemented company strategy initiating new concept of building private sector power plants for the first time in Egypt.
- Participated in the primary study of the first project in Borg Alarab Fourth Industrial Zone.
- Worked as Site Manager for the project of Borg Alarab Power Plant and managed all the project activities including civil, and electromechanical works till the operation phase.
- In addition to liaising with governmental entities granting required permissions and licensing for infrastructure and operation processes.
- Participated the Project machines and Engines Performance test at (WÄRTSILÄ company) in Finland.

Dates : From Feb. 2003 till Nov. 2006
Employer : EDF (ELECTRICITE de FRANCE)
Project : Suez Gulf Power Plant 2x365MW
Job titles : Field, DCS Operation Engineer & Technical Support Engineer
Job Description :

- Worked as Operation Engineer, mainly responsible to operate the steam turbine, generator and auxiliaries (365MW Toshiba), Boiler (Foster Wheeler) and all other plant auxiliaries (Auxiliary Boiler, Desalination Plant, Demineralization Plant, Gas Turbine, Diesel Engine, etc.).
- Participated the technical support team which responsible to manage the

plant yearly outage and prepared the lockout / tag out system.

Dates : From Dec. 1999 till Jan. 2003
Employer : West Delta Electricity Production Company
Project : Damanhour Combined Cycle Power Plant
Job title : Control Room Operation Engineer
Job Description : Worked as Operation Engineer, responsible to operate the steam turbine, generator and auxiliaries (1x58MW GE Mark 5), 4 HRSG (NEM) and 4 Gas Turbines (4x25MW GE Mark 2).

Field of experience :

- Commissioning and Start-up Engineer of STG.
- Operation Team Lead.
- Company Warranty Period Representative.
- Plant Systems walk-down to identify punch-list items.
- Prepared Commissioning Documentation.
- Vendors Management.
- Provided Training courses for Client Engineers.
- Assisted the preparation of project Turn Over Package.
- Troubleshooting Management.
- Witness of commissioning Tests Certificates.
- Highly accomplished Commissioning Engineer in the field of Electrical Generation Power Plant with about 22 years of experience implementing successful programs, projects and solutions incorporating a wide variety of technologies and applications. Proven leadership successfully, quality improvement. A natural mentor solving complex problems and achieving project goals while being able to multi-task. Known for building robust relations with different stakeholders and a high level of enthusiasm for business success. Arrange and manage the required coordination meetings relevant to the project technical studies, design and supervision. Liaise between project relevant parties to perform the recommended actions to resolve site comments. Responsible of commissioning, start-up and operation of Steam Turbine, Generator and auxiliaries. Coordinate with commissioning disciplines (Electrical, Instrumentation, and Advanced Control Systems) to start-up, test, and troubleshoot multiple integrated plant systems.