

# 105951-MEC-148CGMOSVY-E-1992

## Commissioning / Warranty Manager

Holds a B. Sc. in Mechanical Power Engineering and has over 27 years hands-on experience working in operation, commissioning and start-up at several Power Plants.

### PERSONAL DATA

Nationality : Egyptian  
Birth Date : 25/06/1969  
Gender : Male  
Marital Status : Married  
Residence : Alexandria

### EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University, 1992  
: Secondary Education: Shobracite – Behira, 1987

### LANGUAGES

Arabic : Native Language  
English : Excellent

### COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet  
: AutoCAD 3D

### TRAINING COURSES AND CERTIFICATIONS

: Operation and maintenance training course for Rotating Machine & Static Equipment's in 8 MIG/day MED-Desalination plant and RO plant by SIDEM Company in United Arab Emirates (May 2005).  
: Operation and Maintenance training for Rotating equipment's turbines, compressors, pumps, ...etc. and boilers in Mitsubishi power plant 8x320MW by Mitsubishi Company in Kuwait (Sep./Oct. 1999).  
: Thermal Power Station operation/maintenance training in Abu Qir Power Plant Training Center.  
: Safety tagging and clearance procedure by Pgesco Company.  
: Integrated solution program training with PGESCO.  
: Bechtel Power Corporation training courses.  
: Thermal Power Station training at Sidi Krir Power Station.  
: Safety rules training by Bechtel Company.  
: Project Management using Primavera Project Planner training.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Jan. 2017 till now  
**Employer** : Orascom Construction  
**Project** : Burullus Combined Cycle Power Plant 4x1200MW Siemens Gas turbine module 8000 (400MW) and Siemens Steam turbine 400MW and NEM HRSGs 200MW  
**Job title** : Commissioning / Warranty Manager  
**Job Description** :

- Manage Start-up Staff for pre-commissioning and commissioning Activities for BOP systems.
- Manage Operation Staff and LOTO Staff for operating BOP systems
- Review Contractors Start-up Procedures to assure compliance with the Contracts technical specification and standards.
- Coordinate with the owner, Contractors and Operation Personals to perform start-up activities.
- Follow start-up/operation activities and instruct operation staff by daily program.
- Check and review the Erection Completion Certificates (ECC) that are handed over from Construction to Commissioning and issue LOPs.
- Check and review turn over and acceptance certificates (TOAC) that are hand over from OC to the owner and identify the non-compliances.
- Manage Warranty staff for PM and schedule maintenance for equipment's as per O&M manuals and supplier recommendation.
- Manage the material stock in the store to be ready for any emergency with spare parts.
- Manage maintenance staff to follow up PTW system and LOTO.
- Coordinate with Siemens (O&M) and Client for shut-down maintenance and overall outage.
- Attend all Management coordination meetings with Siemens EPC and Client.

**Dates** : From Sep. 2016 till Jan. 2017  
**Employer** : Power Generation Engineering & Service Company (PGSECO)  
**Project** : Al-Shabab Power Project phase 11 (2x250MW) converting existing simple cycle to combined cycle  
**Job title** : Start-up Manager  
**Job Description** :

- Manage Start-up Team for pre-commissioning and Commissioning Activities for all systems in Al-Shabab Power Project phase II (2x250MW) such as systems walk down and witnessing hydrostatic tests, flushing, alignment, solo test and load test for rotating machines.
- Check and review the Construction Completion Certificates (CCC) that are handed over from contractors to owner and issue comments.

**Dates** : From Oct. 2015 till Sep. 2016  
**Employer** : Power Generation Engineering & Service Company (PGSECO)  
**Project** : Suez Steam Power Plant (1x650MW)  
**Job title** : Deputy Start-up Manager  
**Job Description** :

- Manage Start-up Team for pre-commissioning and Commissioning Activities for all systems in Suez Plant such as systems walk down and

witnessing hydrostatic tests, flushing, alignment, solo test and load test for rotating machines.

- Check and review the Construction Completion Certificates (CCC) that are handed over from contractors to owner and issue comments.
- Review Contractors Start up Procedures to assure compliance with the Contracts technical specification and standards.
- Coordinate with the owner, Contractors and Operating Personals to perform start-up activities
- Support the issue to generate punch list items and to close them or documenting deficiencies.
- Attend the Daily Construction Coordination meetings and start-up coordination meeting.
- Manage start-up/operation activities and instruct operation staff /Start-up staff by daily program.

**Dates** : From Jan. 2015 till Oct. 2015  
**Employer** : Power Generation Engineering & Service Company (PGSECO)  
**Project** : Giza North Power Plants (3x750MW)  
**Job title** : Lead Mechanical Start-up/Operation Manager  
**Job Description** :

- Lead Mechanical Start-up Team for pre-commissioning and Commissioning Activities for all systems in Giza North Power Plants such as systems walk down and witnessing hydrostatic tests, flushing, alignment, solo test and load test for rotating machines.
- Check and review the Construction Completion Certificates (CCC) that are handed over from contractors to owner and issue comments.
- Review Contractors Start-up Procedures to assure compliance with the Contracts technical specification and standards.
- Coordinate with the owner, Contractors and Operating Personals to perform start-up activities.
- Witnessing all testes (performance, function, reliability.....etc.) in the presence of Owner Representatives.
- Check and review turn over and acceptance certificates (TOAC) that are hand over from contractors to owner and identify the non-compliances.
- Support the issue to generate punch list items and to close them or documenting deficiencies.
- Attend the Daily Construction Coordination meetings and start-up coordination meeting.
- Follow start-up/operation activities and instruct operation staff by daily program.

**Dates** : From Nov. 2012 till Jan. 2015  
**Employer** : Power Generation Engineering & Service Company (PGSECO)  
**Project** : El Ain El Sokhna Power Plants (2x650MW supercritical)  
**Job title** : Lead Mechanical Start-up Engineer  
**Job Description** :

- Lead Mechanical Start-up Team for pre-commissioning and Commissioning Activities for all systems in El Ain El Sokhna Power Plants such as systems walk down and witnessing hydrostatic tests, flushing, alignment, solo test and load test for rotating machines.
- Check and review the Construction Completion Certificates (CCC) that are handed over from contractors to owner and issue comments.

- Review Contractors Start-up Procedures to assure compliance with the Contracts technical specification and standards.
- Coordinate with the owner, Contractors and Operating Personals to perform start-up activities.
- Witnessing all testes (performance, function, reliability.....etc.) in the presence of Owner Representatives.
- Check and review turn over and acceptance certificates (TOAC) that are hand over from contractors to owner and identify the non-compliances.
- Support the issue to generate punch list items and to close them or documenting deficiencies.
- Attend the Daily Construction Coordination meetings and start-up coordination meeting.

**Dates** : From Jun. 2010 till Nov. 2012  
**Employer** : Power Generation Engineering & Service Company (PGSECO)  
**Project** : Abu Qir Power Plant (2x650MW)  
**Job title** : Lead Mechanical Start-up Engineer  
**Job Description** :

- Lead Mechanical Start-up Team for pre-commissioning and Commissioning Activities for all systems in Abu Qir Power Plant such as systems walk down and witnessing hydrostatic tests, flushing and alignment, solo test and load test for rotating machines.
- Check and review the Construction Completion Certificates (CCC) that are handed over from contractors to owner and issue comments.
- Review Contractors Start-up Procedures to assure compliance with the Contracts technical specification and standards.
- Coordinate with the owner, Contractors and Operating Personals to perform start-up activities.
- Witnessing all testes (performance, function, reliability.....etc.) in the presence of Owner Representatives.
- Check and review turn over and acceptance certificates (TOAC) that are hand over from contractors to owner and identify the non-compliances.
- Support the issue to generate punch list items and to close them or documenting deficiencies.
- Attend the Daily Construction Coordination meetings and start-up coordination meeting.
- Submit the daily start-up progress reports to the Start-up and Operation Manager.

**Dates** : From Jul. 2008 till Jun. 2010  
**Employer** : Power Generation Engineering & Service Company (PGSECO)  
**Project** : El-Kureimat Power Plants (K.II & K.III CAPP)  
**Job title** : Lead Mechanical Start-up Engineer  
**Job Description** :

- Lead Mechanical Start-up Team for pre-commissioning and Commissioning Activities for all systems in K-II and K-III such as systems walk down and witnessing hydrostatic tests, flushing, alignment solo test and load test for rotating machines.
- Check and review the Construction Completion Certificates (CCC) that are handed over from contractors to owner and issue comments.
- Review Contractors Start up Procedures to assure compliance with the Contracts technical specification and standards.

- Coordinate with the owner, Contractors and Operating Personals to perform start-up activities.
- Witnessing all testes (performance, function, reliability.....etc.) in the presence of Owner Representatives.
- Check and review turn over and acceptance certificates (TOAC) that are hand over from contractors to owner and identify the non-compliances.
- Support the issue to generate punch list items and to close them or documenting deficiencies.
- Attend the Daily Construction Coordination meetings and start-up coordination meeting.
- Submit the daily start-up progress reports to the Start-up and Operation Manager.

**Dates** : From Oct. 2004 till Jul. 2008  
**Employer** : Sharjah Electricity & Water Authority  
**Project** : Layyah Power Station (U.A.E)  
**Job title** : Shift Charge Engineer  
**Job Description** :

- Perform operation of steam power generation units (4x33MW Siemens & 4x75MW Ansaldo) and Gas turbines (G.E.) units (2x110MW, Frame 9, Speed Tronic mark 5 & 5x33MW Frame 6, Speed Tronic mark 5 & 2x20MW Emergency).
- Perform operation of Desalination plants (5\*5 MIG/day MSF & 2\*5 MIG/day MED & 2\*8 MIG/day MED) SIDEM Company.
- Perform operation of HRSG (2\*270t/h & 5\*75t/h).
- Switch on & off 33KV breakers (oil & Sf6) and 132KV breakers (Sf6).
- Issue the work permits and LO/TO and release the work requests to Maintenances Teams.

**Dates** : From Jun. 2001 till Sep. 2004  
**Employer** : Intergen Company (Shell & Bechtel) and Edison  
**Project** : Sidi Krir Power Plant 1<sup>st</sup> BOOT in Egypt 2x341MW Power Plant Babcock & Wilcox boiler, Alstom Turbine Generators and R.O. water treatment  
**Job title** : Operation Shift Engineer  
**Job Description** :

- Monitor Commissioning and start-up Boilers, Turbines and Auxiliary Equipments.
- Capability of pre-commissioning activities reviewing engineering drawing and the ability to conduct system walk down and generating punish list items.
- Issue permit to work (PTW) after ensuring that industrial safety practices.
- Monitoring all plant activities and plant protection.
- Submit the shift reports to Operation Manager in the daily meetings.

**Dates** : From Apr. 2001 till Jun. 2001  
**Employer** : Bechtel Power Company  
**Project** : Sidi Krir Power Plant  
**Job title** : Start-up / Maintenance Engineer  
**Job Description** :

- Perform the Start-up activities of boilers equipment as well as Steam Turbine Generators systems.
- Lead Maintenance staff for PM and schedule maintenance for rotating

machine and static equipment's as per O&M manuals and supplier recommendation.

- Supervision to my Staff and ensuring that they are working in an optimal safety requirements.

**Dates** : From Mar. 2000 till Apr. 2001  
**Employer** : TTIL-SNC (TECHNIPETROL-TECHNIP INT.)  
**Project** : Middle East Oil Refinery (Midor)  
**Job title** : Supervisor/Maintenance Engineer for erection of compressors, pumps, heaters, towers, reactors and utilities  
**Job Description** :

- Supervise Subcontractor (Daelim Company) for all phases of erection of heaters (Crude Sulphur, hydro cracker, naphtha and hydrogen).
- Supervised Coil installation for radial and convection section (Welding, RT and hydrostatic test) & Refractory installation (floor, wall and arches).
- Lead Maintenance staff for PM and schedule maintenance for rotating machine and static equipment's as per O&M manuals.
- Issue punish list items for hydrogen and hydro cracker units.
- Assign my Staff for loading catalyst for reactors (ceramic balls & catalyst).
- Monitor the progress steps of pre-commissioning and commissioning for the Refinery rotating and static equipment.

**Dates** : From Jun. 1999 till Mar. 2000  
**Employer** : Kuwait Electrical and Water Ministry  
**Project** : Sebia Power Plant 8x300MW (Mitsubishi boiler, turbine & generator)  
**Job title** : Shift Charge Engineer  
**Job Description** :

- Perform the Start-up / shut down activities as per the plant approved operation procedures.
- Supervise and instruct my staff and insuring that the operations in an optimal safety.
- Carry out safe isolation of equipment for planned and emergency maintenance activities.

**Dates** : From Oct. 1998 till Jun. 1999  
**Employer** : National Gas Company (NATGAS)  
**Project** : Egyptian Petroleum Authority  
**Job title** : Piping Engineer  
**Job Description** :

- Supervising subcontractor (Egypt Gas) for the installation of distribution lines steel and polyethylene also the indoor and out door instillation of steel pipes and ducts.
- Performing training programs to the construction staff to have them be aware of the natural gas dangerous events and to teach them the safety rules.

**Dates** : From Oct. 1995 till Oct. 1998  
**Employer** : Egyptian Electrical Authority  
**Project** : Damanhour Power Plant 1x320MW

- Job title** : Shift Charge Engineer for Turbine (Ansaldo) & Boiler (Babcock & Wilcox) & generator
- Job Description** :
  - Maintaining the stability of the plant operation in an optimal efficiency conditions.
  - Supervising and instructing to the operators during the systems operation.
- Dates** : From Jun. 1993 till Oct. 1995
- Employer** : Egyptian Electrical Authority
- Project** : Damanhour Power Plant 1x320MW
- Job title** : Control Room Operator for Turbine-Generator (Ansaldo) & Boiler (Babcock & Wilcox)
- Job Description** :
  - Start-up / shut down activities as per the plant operation approved procedures.
  - Monitor power plant parameters deviations and perform the operation corrective actions.
  - Perform the increase and decrease the unit's loads as per Dispatch Centre requirements.
- Field of experience** : Over 27 years experience in Mechanical maintenance and commissioning as following:
  - Commissioning/Warranty Manager with Orascom in El-Burullus Power Plant Combined Cycle 4x1200MW.
  - Commissioning Team Leader with PGESCO in El-Kureimat Power Plant 2x750MW combined cycle, Abu Qir Thermal Power Plant 2x650MW, El Ain El Sokhna 2x650MW Supercritical Power Plant, Suez Thermal Power Plant 1x650MW, Al-Shabab Power Project phase II (2x250MW) converting existing simple cycle to combined cycle.
  - Shift Charge Engineer with Sharjah Electricity & Water Authority (SEWA) in Layyah Power Station (U.A.E).
  - Commssining and Operation Super visor with Bechtel/Itergen in Sidi Krir 3 & 4 1st boot Power Plant in Egypt.
  - Commissioning/Maintenance Engineer with Technip & National Gas Company in Midor Refinery (oil & gas field).
  - Start-up/Maintenance Engineer with Kuwait Electrical and Water Ministry in El-Sebia Power Plant 8x300MW (Mitsubishi boiler, turbine & generator).
  - Piping Engineer with National Gas Company (NAT GAS).
  - Operation Shift Charge Engineer with EHC (Electrical Holding Company) in Damanhour Power Plant 1x320MW.