

102245-MEC-1CDGMS-E-1980
Engineering Manager & Egypt Branch Deputy Manager

Holds a B. Sc. in Mechanical Power Engineering and has over 38 years of direct work in the field of thermal power plants. He gained his experience through carrying several responsibilities in engineering management, engineering, designing, construction activities, commissioning, start-up and maintenance.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Marital Status : Married
Residence : New Cairo

EDUCATION

: B. Sc. in Mechanical Power Engineering, Mansoura University, 1980

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : JQHNSON CONTROLS TRAINING COURSE of pneumatic temperature controls.
- : WESTINGHOUSE ELECTRIC CORPORATION TRAINING COURSE in Steam Turbine-Generator Maintenance Course for Shoubra El-Kheima Generation Station.
- : SRP SALT RIVER PROJECT TRAINING COURSE in power operation and management.
- : BECHTEL TRAINING COURSE of elements of an effective ES&H Management System.
- : BECHTEL TRAINING COURSE of elements of Effective Contract Training Workshop.
- : IHRDC / STONE & WEBSTER TRAINING COURSE of balancing of rotating equipment.
- : SCOTTISH POWER COURSE in vibration Condition Monitoring.

- : CENTRAL METALLURGICAL RESEARCH AND DEVELOPMENT INSTITUTE TRAINING COURSE in focused on lectures and practice concerning materials used in power stations, welding processes, welding metallurgy, joint preparation, welding design, welding consumables, weldability of steel alloys, faults in fusion welding, and quality assurance in weldments.
- : TABROGE TRAINING COURSE in theory, operation, maintenance and repair of Tube Cleaning System.
- : PIPING DESIGN, CLASSIFICATION AND RATING TRAINING COURSE.
- : TRAINING COURSE in preventive maintenance and life extension and advanced technology for steam & gas power plants and environmental improvement system.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Apr. 2018 till now
- Employer** : China Energy Engineering Group (JEPCC1)
- Project** : Cairo West Supercritical Power Station 1x650MW
- Job title** : Cairo West Project Engineering Manager & Egypt Branch Deputy Manager
- Job Description** : Performing and supervising the following:
- Manage and reviewing the documents submittals.
 - Manage and resolving both engineering and construction problems.
 - Monitor the project schedule activity.
 - Organize and lead project meetings.
 - Co-ordinate all the project issues with the Client.
 - Managing Owner's and Owner representative letters, emails, questions and clarifications.
 - Issue the RFQ of the sub-suppliers.
 - Guide the project team in both technical and non-technical skills.
 - Assure and set the implementation of the project execution plan.
 - Manage and reviewing both monthly progress / executive reports.
 - Following up the company invoices with the Client.
 - Conduct training for the project team whenever required.
 - Oversee all the project activity.
 - Support the project management team with my experience in all project aspects.
 - Assure performing and managing the work in accordance with relevant Engineering and construction Department procedures.
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- Dates** : From Sep. 2017 till Mar. 2018
- Employer** : ACESco-GECOL Libya
- Project** : Obari 4x160MW Gas Turbine Project, Libya
- Job title** : Project Manager
- Job Description** : Performing and supervising the following:
- Manage and reviewing the contractor's documents.
 - Manage and resolving both engineering and construction problems.
 - Monitor the project schedule activity.
 - Organize and lead project meetings.
 - Co-ordinate all the project issues with the Client.

- Managing Owner's and Contractor's letters, emails, questions and clarifications.
- Guide the project team in both technical and non-technical skills.
- Assure and set the implementation of the project execution plan.
- Manage and reviewing both monthly progress / executive reports.
- Following up the company invoices with the Client.
- Conduct training for the project team whenever required.

Dates : From Jan. 2017 till Sep. 2017

Employer : Arcons

Project : Burullus 4800MW Combined Cycle Power Project

Job title : Project Manager

Job Description : Performing and managing the following:

- Manage and reviewing the technical installation documents for HRGS.
- Manage and resolving construction problems with all concerned parties.
- Monitor the project schedule activity.
- Assure that all safety precautions are implement in a proper manner.
- Maintain the work progress in line with the project quality requirements or even better.
- Organize and lead project meetings.
- Co-ordinate all the project issues with the client and main contractor.
- Managing client's letters, emails, questions and clarifications.
- Provide guidance the project team in both technical and non-technical skills.
- Establish, set and implement project execution plan.
- Manage and reviewing both monthly progress / executive reports.
- Following up the company invoices with the client.
- Conduct training for the project team whenever required.
- Allocate both human resources and non-human resources required for the project.

Dates : From Jan. 2015 till Dec. 2016

Employer : PGESCO

Project : Borg Al-Arab Power Project 60MW GENSET

Job title : Assistant Project Engineer

Job Description :

- Managing Borg Al-Arab power project team and provide guidance in both technical and non-technical skills during contract execution phases.
- Managing the preparing, establishing and reviewing the contract specification for Borg Al-Arab power project 60MW Gen-sets power project for owner review and for bidding.
- Managing the pre-award meeting and discussion for Borg Al-Arab power project.
- Managing the technical discussion with Suppliers and Owner.
- Managing the preparing of the contract signature from both contractor and Owner.
- Direct and coordinate engineering activities for the project or assigned portion including supervision of engineers of all disciplines.
- Establish and assist in establishing the detailed project execution plan, automation plan as well as the risk assessment plan and the

development of the overall project.

- Ensure that the work in accordance with relevant Engineering Department Procedures.
- Preparing the Response to the contractor's letters, emails, questions and clarifications.
- Coordinate engineering effort with Project engineer and project Manager, Environmental Safety and Health (ES&H) and Project Controls when assigned.
- Review and approve design documents, and specifications.
- Coordinate activities among the design groups on the project.
- Share the company Management the flow of information required from third parties to assure the timely progress of the engineering work.
- Conduct training for the project team whenever required.
- Assure and set the implementation of the project execution plan.
- Manage and reviewing both monthly progress / executive reports.
- Supporting the company in other projects as required.

Dates : From Dec. 2013 till Dec. 2014
Employer : PGESCo - Seconded to ACESCO
Project : Obari 4x160MW Gas Turbine Project, Libya
Job title : Project Manager
Job Description : Performing and supervising the following:

- Manage and reviewing the contractor's documents.
- Manage and resolving both engineering and construction problems.
- Monitor the project schedule activity.
- Organize and lead project meetings.
- Co-ordinate all the project issues with the Client.
- Managing Owner's and Contractor's letters, emails, questions and clarifications.
- Guide the project team in both technical and non-technical skills.
- Assure and set the implementation of the project execution plan.
- Manage and reviewing both monthly progress / executive reports.
- Following up the company invoices with the Client.
- Conduct training for the project team whenever required.
- Assure Performing and managing the work in accordance with relevant Engineering and construction Departments Procedure.

Dates : From Jan. 2012 till Dec. 2013
Employer : PGESCo
Project : 6th October 600MW Simple Cycle Power Project
Job title : Assistant Project Engineer
Job Description :

- Managing the 6 October project team and provide guidance in both technical and non-technical skills during contract execution phases.
- Managing Setting work plan and distributing responsibility and tasks.
- Managing the Preparing and the Establishing of the contract specification for 6th October 600MW simple cycle power project for owner review.
- Managing the pre-award meeting and discussion for 6th October 600MW simple cycle power project.

- Managing the technical discussion with all (customer, Suppliers as well as Owner).
- Managing the contract signature from both contractor and owner.
- Direct and coordinate engineering activities for the project or assigned portion including supervision of engineers of all disciplines within a global business unit.
- Establish and assist in establishing the detailed project execution plan and the development of the overall project.
- Perform and manage the work in accordance with relevant Engineering Department Procedures.
- Co-ordinate the engineering issues and construction issues with both engineering and site by jobsite visits as required for exchange of information.
- Managing Responding to the contractor's letters, emails, questions and clarifications.
- Coordinate engineering effort with Project Manager, Construction, Startup, Environmental Safety and Health (ES&H) and Project Controls when assigned.
- Conduct annual performance reviews in accordance with approved procedures and holds career development.
- Review and approve design documents, change orders, and specifications for construction or procurement use.
- Coordinate activities among the design groups on the project.
- Manage the flow of information required from third parties to assure the timely progress of the engineering work.
- Conduct training for the project team whenever required.

Dates	:	From Jan. 2010 till Dec. 2011
Employer	:	PGESCo
Projects	:	EI-Atf 750MW CCPP / Sidi Krir 750WM CCPP
Job title	:	Mechanical Engineering Group Supervisor
Job Description	:	<ul style="list-style-type: none"> • Managing and planning mechanical engineering manpower. • Guide mechanical engineers in the different project activities. • Respond to the contractor's letters and questions and calcification. • Reply to all owner questions and clarification. • Provide the construction support for the construction team. • Manage and supervising the following: <ul style="list-style-type: none"> - Supervising the review and coordinate contract document submittals for Two projects. - Supervising the Review system description. - Responsible for resolving the engineering and construction issues during contract execution. - Supervising the Review and check different calculation for various systems. - Organize and conduct the design meetings. - Organize and conduct conference call and meetings as required. - Provide the technical input for the contractor sub supplier evaluation. - Review and follow up the projects schedule progress. - Supervising issuing the power plants data books.

- Supervising issuing the power plants performance booklets.

Dates : From Sep. 2009 till Dec. 2009
Employer : PGESCO
Project : Cairo West Extinction 2x350WM PP
Job title : Mechanical Construction Group Leader
Job Description :

- Mechanical construction leader for Cairo west extinction.
- Attend all the site construction progress meetings.
- Supervising the construction activity on daily basis.
- Co-ordinate the contraction contractors' site activities.
- Co-ordinate attends and witnesses all the field tests preformed by the contractor.
- Respond contractor's clarification through RFI and FCN's.
- Controlling and review the contractor invoices.
- Supervising the contractors implementation for the safety instruction of PGESCO in the site.

Dates : From Jan. 2008 till Aug. 2009
Employer : PGESCO - Seconded to ACESCO
Projects : Libya:

- Misurata & Binghazi 750MW CAPP
- Sarir 3x250 SCPP
- Zwitina 2x285 SCPP
- Western Mountain 2X185 SCPP

Job title : Mechanical Engineering Manager
Job Description : Mechanical Engineering disciplines Manager for ACESCO project - Performing and supervising the following:

- Perform all discipline activities in all ACESCO projects (Benghazi, Misurata, Sarir, Zwitina and Western Mountain).
- Manage the technical discussion with all (customer, Suppliers as well as Owner).
- Mechanical team guidance in both technical and non-technical skills during contract execution phases of the different contracts.
- Setting work plan and distributing responsibility and tasks for managing New projects.
- Co-ordinate the engineering issues with the different disciplines.
- Responding to the contractor's letters, emails, questions and clarifications.
- Respond to the contractor's letters and questions and calcification.
- Supervising reviewing the contractor's documents submittal.
- Resolving and support the construction problems.
- Revising contracts amendments.
- Organize and attend the design meetings and conference call meetings.
- Attending contract management training.
- Attending factory inspection for various equipment.
- Trained new hired engineers.
- Preparing the contract specification for both Zwitina project combined cycle.
- Establish the training plane for the mechanical engineers.

- Continuous site visit to solve the engineering problems.
- Answering Owner question and concerns.
- Managing and planning mechanical engineering manpower.
- Enhancement the performance of mechanical engineers through training and workshops.
- Conduct the training for all engineers in different departments.
- Guide mechanical engineers in different projects.
- Reply to all owner questions and clarification.
- Review and follow up the projects schedule progress.

Dates : From Jul. 2005 till Dec. 2007
Employer : PGESCO
Projects :

- New Talkha Project 750MW Module Combined Cycle
- EI-Atf 750WM Module Combined Cycle
- Sidi Krir 750WM Module Combined Cycle

Job title : Mechanical Engineering Group Supervisor
Job Description : Supervising the following:

- Tender documents preparation.
- Prepare contract documents.
- Review and coordinate contract document submittals.
- Generate system description.
- Responsible for resolving the engineering and construction issues during contract execution.
- Review and check different calculation for systems.
- Organize and conduct the design meetings.
- Organize and conduct conference call and meetings.
- Initiate and review piping and instruments diagrams for various systems.
- Coordinate the packages interfaces.
- Managing the project hours.

Dates : From Jul. 2004 till Jun. 2005
Employer : PGESCO
Project : Cairo North 2x750 Combined Cycle
Job title : Senior Mechanical Engineer
Job Description :

- Tender documents preparation.
- Prepare contract documents.
- Review and coordinate contract document submittals.
- Generate system description.
- Responsible for resolving the engineering and construction issues during contract execution.
- Review and check different calculation for systems.
- Organize and conduct the design meetings.
- Organize and conduct conference call meetings.
- Initiate and review piping and instruments diagrams for various systems.

Dates : From Jan. 2004 till Jun. 2004
Employer : PGESCO
Project : Localization

Job title : Senior Mechanical Engineer
Job Description :

- Generate mechanical and electrical equipment specification list for 320MW & 750MW.
- Generate valve specification list for 320MW & 750MW.
- Generate mandatory list.
- Conduct visits to manufacture facility and evaluate the facility.

Dates : From Jan. 2002 till Dec. 2003
Employer : CEPC
Project : Shoubra El-Kheima Power Station (4x315MW)
Job title : Mechanical Maintenance Workshop, Welding & NDT & Training Manager
Job Description :

- Plan for workshop activity.
- Plan for training activity.
- Supervision for maintenance workshop, welding and NDT departments.
- Supervision for training program.

Dates : From Jul. 2001 till Dec. 2001
Employer : 3 E C (EDF Egyptian Engineering Company)
Project : Ain Al Sokhna Power Plant 2x320MW
Job title : Mechanical Piping Senior Field Design Engineer
Job Description :

- Follow up the contract transfer from the main office to site.
- Generate the piping and fitting lists.
- Review and comment the mechanical contracts documents.
- Follow up the construction and provide the engineering advice to the construction team.
- Supervise the document control and filing system related to the mechanical contracts.
- Coordinate the mechanical contracts engineering Activities.

Dates : From Mar. 1998 till Jun. 2001
Employer : PGESCO
Project : Ayoun Moussa Power Station (2x320MW)
Job title : Mechanical Piping Contractors Coordinator
Job Description :

- Coordinating the installation, testing and commissioning of the Plant Mechanical Contracts.
- Conducting and managing all the progress review meeting with contractors. Engineering & Client.
- Coordinate Weekly progress meeting engineering meetings.
- Follow up the Contractors schedules versus contracts milestones.
- Expedite, coordinate and provide resolution on engineering related activities with Cairo Engineering.
- Handling all contract paper works and correspondence such as (DCN, RFI, FCN, MRP, and MTR).
- Conducting the necessary coordination between the Contractors and the Client for system testing, commissioning and handling over.
- Performing the necessary coordination between different Contractors at the areas of interfaces.

- Reviewing the Contractor's reports such as manpower, equipment, weekly progress & material Status.
- Auditing/surveillance activities on the Contractor's work to ensure quality of the work and that work meet the contract specification.
- Implementation of safety procedures for all Contractors.
- Preparing and following up the rectification and closing the punch list after the assurance of the Construction Completion Certificate (CCC).

Dates : From Jun. 1994 till Feb. 1998
Employer : EEA
Project : Shoubrah El-Kheima Power Station (4x315MW)
Job title : Mechanical Maintenance Workshop, Welding & NDT Manager
Job Description : Supervision for maintenance workshop, welding and NDT departments.

Dates : From Jan. 1993 till May 1994
Employer : EEA
Project : Shoubrah El-Kheima Power Station (4x315MW)
Job title : Welding & NDT Senior Engineer
Job Description :

- Supervise welding procedure and procedure qualifications.
- Record for all welding methods (MT, PT, RT and UT).
- Analysis and provide balancing for mechanical vibration for large rotating equipment such as turbines, compressors, fans, etc.
- Verifying the Implementation of safety.

Dates : From Jan. 1992 till Dec. 1992
Employer : EEA
Project : Shoubrah El-Kheima Power Station (4x315MW)
Job title : Construction Senior Engineer for Waste Water Modification Project
Job Description :

- Oversee mechanical construction installation.
- Follow up the contractor schedules.
- Reviewing the Contractor, weekly progress & material status.
- Implementation of safety procedures for contract.
- Walk down for different systems and generate punch lists.
- Witness equipment and systems testing.
- Verifying the Implementation of safety.

Dates : From Jan. 1991 till Dec. 1991
Employer : EEA
Project : Shoubrah El-Kheima Power Station (4x315MW)
Job title : Technical Affair Senior Engineer
Job Description :

- Follow up maintenance plan for plant.
- Reviewing spare needs and issue purchase orders.
- Establish the plant operation and Maintenance Reports.

Dates : From Jun. 1988 till Dec. 1990
Employer : EEA

Project : Shoubrah El-Kheima Power Station (4x315MW)
Job title : Mechanical Maintenance Senior Engineer
Job Description :

- Prepare preventive maintenance schedules.
- Prepare spare parts and material needs.
- Supervise major inspection and over hauls for turbines, pumps, compressors fans and valves.
- Supervise preventive and corrective maintenance for large rotating equipment such as turbines, pumps, compressors and fans and fans and various kinds of valves.
- Supervise execution of system modifications.
- Verifying the Implementation of safety.

Dates : From Sep. 1984 till May 1988
Employer : EEA
Project : Shoubrah El-Kheima Power Station (4x315MW)
Job title : Construction Coordinator
Job Description :

- Oversee mechanical construction installation.
- Follow up the contractor schedules.
- Reviewing the Contractor's reports such as manpower, equipment, weekly and progress & material status.
- Implementation of safety procedures for all contractors.

Dates : From Apr. 1981 till May 1984
Employer : Egyptian Armed Force
Project : Military Mechanical Workshop
Job title : Mechanical Maintenance Engineer
Job Description :

- Overhaul for large diesel engines.
- Manage and lead the manpower to achieve the goal.
- Prepare spare parts needs.
- Verifying the Implementation of safety.