

Holds a B. Sc. in Mechanical Power Engineering, a Pump Design & Performance, Piping Networks & Tanks Technical Diploma and Master of International Business Administration (MIBA). Has over 35 years of experience in Fossil Power Plant Engineering. He has been deeply involved in the conceptual, front-end engineering, detailed design and contracts execution of more than twenty Power Plant Projects (SCPP, CCPP & TPP (Supercritical & Subcritical)). Very long experience and knowledge of the engineering tools, Software & Equipment Suppliers.

PERSONAL DATA

Nationality : Egyptian
Gender : Male

EDUCATION

- : B. Sc. in Mechanical Power Engineering, Helwan University, 1985
- : Pump Design & Performance, Piping Networks & Tanks Technical Diploma, Ain Shams University, 1989
- : Master of International Business Administration (MIBA), ESLSCA, 2012

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

- : Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Course/Certificate: Bechtel Overseas for Fossil Power Plants (1988).
- : Course/Certificate: Equipment Vibration Measurements & Results Evaluation (1989).
- : Course/Certificate: Workshop Fire Fighting NFPA Section 13 (2001).
- : Training on thermodynamic modelling software and power plant concept development, plant performance & guarantees calculations.
- : Course/Certificate: Instruction Leading 6 Sigma Workshop (2004).
- : Course/Certificate: Preventive Maintenance & Life Extension and Advanced Technology by The Association for Overseas Technical Scholarship (AOTS) (2007).
- : Risk Assessment ISO 9001:2015 (2016).
- : Risk Management & Internal Audit (2016).
- : PMI - RMP Risk Management Professional Training Course.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Nov. 2020 till now
Employer : ELOSEILY CONSULTING ENGINEERS
Job title : Operation Director
Job Description :

- Develop and initiate engineering strategy and engineering business plans.
- Participate and initiate business development efforts and develop technical proposals.
- Participate in project planning sessions at the proposal stage to provide technical guidance and information.
- Project Manager and follow the execution of ECE's projects; Oil & Gas projects, firefighting system and HVAC systems.
- Green Hydrogen projects and system development, Hydrogen refueler trailers, export systems and Hydrogen blending to NG network.

Dates : From Nov. 2008 till 2020
Employer : PGESCO
Job title : Engineering Director
Job Description :

- Manage all Engineering disciplines activities within PGESCO.
- Develop and instigate Engineering strategy and engineering business plans.
- Participate and instigate business development efforts and develop technical proposals.
- Direct, review and monitor the Engineering effort through appropriate managers to ensure quality, schedule, performance and budget compliance.
- Review and approve key Engineering staff assignments.
- Participate in project planning sessions at the proposal stage to provide technical guidance and information.
- Direct the implementation of PGESCO training policy within engineering.
- Responsible for engineering department risk and safety awareness and implementation.
- Conduct Annual Performance Reviews, coaching, developing knowledge and career development discussions with employees.
- Manage department engineering procedures, standards engineering instructions and engineering work processes.
- Involved in company engineering proposals main for establishing engineering concept and method for handling the project's phases.
- Manage technical assessment processes for power plants and problem solving.
- Manage department technical development and software platform.
- Review / approve design concepts, performance measures and guarantees.
- Involved in high engineering review of company projects.
- Worked as engineering company lead in 1st Nuclear power plant in Egypt during the developing phase with ROSATOM team and other contractors.
- Worked as PGESCO Project Manager on the 1st coal power plant in

Egypt "El-Hamrawein 6x1100MW" managing PGESCO team in proposal phase and preliminary engineering. Coordinate FEED engineering activities with EPC (shanghai electric & dongfang electric).

Dates : From 2008 till Nov. 2008
Employer : PGESCO
Job title : Mechanical Chief Engineer
Job Description :

- Manage Engineering activities within the mechanical discipline in PGESCO office.
- Has responsibility for the establishment and maintenance of Technical Standards.
- Including the development of project specific standards.
- Responsible of establishing the main power plant mechanical equipment performance guarantees and evaluation methods.
- Provide the functional oversight for discipline within PGESCO, undertake functional discipline reviews.
- Provide technical /expert support to project teams and ensures technical quality.
- Review project development strategy, design basis, and project execution for specific discipline input.
- Organize and co-ordinate personnel assignments. Liaison with project team on resourcing, ensure resourcing to projects meets quality and grade mix requirements.
- Manage the implementation of the best technology and tools (to get ahead and stay ahead) for business needs.
- Ensure the implementation of lessons learnt across projects and within business.
- Establish and align discipline processes / procedures / engineering instructions and deliverables to meet particular bid/project/client requirements.
- Establish staff recruitment criteria. Ensure mix of skills/talents/experience to match Discipline Business Plan.
- Make recommendations for key engineering staff assignments.
- Conduct Annual Performance Reviews, coaching, and career development discussions with employees.
- Involved in root cause analysis process.

Dates : From 2006 till 2008
Employer : PGESCO
Project : CAIRO WEST THERMAL POWER PLANT (2x350MW GAS/OIL FIRED UNITS)
Job title : Project Engineer
Job Description :

- Coordinate the engineering activities on a project in link with the Manager of Engineering.
- Has the technical responsibility for planning, organizing, executing and coordinating the engineering assignments and activities on the project in link with the Engineering Manager.
- Manage the engineering budget for the project, maintains ownership, and conduct execution within approved budgets.
- Establish / manage the detailed project design, engineering scope and

maintains ownership.

- Manage and coordinate the project design deliverables and interface disciplines.
- Manage and coordinate the project engineering meeting and different contractors and suppliers.

Dates : From Jul. 2004 till Dec. 2005
Employer : PGESCO / ACESCO
Project : ACESCO'S POWER PROJECTS (4x156MW (SCPP), 3x150MW (CCPP), 2x150MW – TRIPOLI, LIBYA)
Job title : Power Projects Engineering Manager
Job Description :

- Act as the primary interface for the Engineering Manager, Project Manager, for all engineering matters within the projects.
- Provide the prime link and contact for Clients Engineer as required.
- Management of technical documentation to construction, and third parties.
- Undertake, technical and commercial reviews on engineering outputs from the project, reviews contract documentation.
- Undertake design co-ordination meetings with construction at various phases.
- Coordinate, manage the engineering design and corresponding design documentation complies with the Quality Procedures in place at the time.
- Conduct Annual Performance Reviews, coaching, and career development discussions with employees.
- Overseas Coordination meetings with different contractors.

Dates : From 2002 till 2004
Employer : PGESCO
Project : NUBARIA CCPP I & II (2x750MW)
Job title : Senior Mechanical Engineering Group Supervisor
Job Description :

- Present design issues to customer and contractors & suppliers.
- Manage specifically assigned project deliverables.
- Manage and coordinate the project mechanical contracts includes the preparation of the technical specifications, includes GTs, STGS, HRSGs, Boiler feed pumps, BOP systems, etc.
- Deeply involved in performance guarantees and evaluation criteria for main equipment.
- Identify and recommend work process improvement.
- Review “lessons learned” data base for suitable application to tasks.
- Recommend task assignments.
- Participate in technical review meetings for conflict resolution with interface disciplines and contractors.
- Interface with procurement team for contract development and execution.
- Review contractor’s RFIs, DCNs, and coordination with site construction team.

Dates : From 1999 till 2002
Employer : PGESCO

Project : SIDI KRIR 3 & 4 POWER PLANT 1ST BOOT IN EGYPT (2x340MW GAS/OIL FIRED UNITS)
Job title : Senior Mechanical Engineer
Job Description :

- Mechanical Engineer responsible for detail system design calculations, reviewing steam boiler engineering documentations/procedures and Mechanical equipment /Pipe Erection.
- Develop the firefighting system for the complete power plant and review the contractor engineering documents.
- Contract, and Pumps & Drives Contract.

Dates : 1997
Employer : PGESCO
Projects : SIDI KRIR 1 & 2 AND AYOUN MOUSA 1 & 2 POWER PLANTS (2x340MW GAS/OIL FIRED UNITS EACH)
Job title : Senior Mechanical Engineer
Job Description :

- Mechanical Engineer responsible for detail system design calculations, reviewing steam boiler engineering documentations/procedures, water waste water treatment contract and Mechanical equipment /Pipe Erection.
- Contract, and Pumps & Drives Contract.

Dates : From 1994 till Apr. 1997
Employer : DR. M. H. ALI EL SAIE CONSULTING ENGINEERS
Project : EL-KUREIMAT THERMAL POWER STATION (2x627MW)
Job title : Senior Mechanical Engineer
Job Description :

- Worked as Mechanical Engineer in Ebasco at El-Kureimat site.
- Responsible for reviewing the Steam Turbine Package, Water/Waste Water Treatment Package, condenser, feed water heaters and deaerator package, mechanical/pipe erection package and yard tanks package.
- Deeply involved in the power station design guide and design codes & standards for different systems and equipment.
- Work involved bid evaluations, engineering site support for construction activities, set recommend field modifications as required and review design changes.

Dates : From 1991 till 1993
Employer : EGYPTIAN ELECTRICITY AUTHORITY
Project : CAIRO NORTH POWER PLANT
Job title : Shift Charge Engineer
Job Description :

- Worked as a Shift Supervisor of the power plant operation, coordinate the dispatching center for power loading, coordinate with the plant maintenance staff and issuing work permits and evaluating the performance of equipment.
- Report to the Plant Manager on a daily basis.

Dates : From 1990 till 1991
Employer : DR. M. H. ALI EL SAIE CONSULTING ENGINEERS

Project : ASSIUT PROJECT UNIT 1 x 300MW
Job title : Mechanical Engineer (Construction)
Job Description :

- In charge of steam Generator 1085 T/H (MHI), feed water pumps, fuel piping, fuel heaters, tanks and water/waste water treatment plant.
- Attend all systems and equipment tests.

Dates : From 1987 till 1990
Employer : EGYPTIAN ELECTRICITY AUTHORITY
Project : CAIRO NORTH POWER PLANT
Job title : Shift Charge Engineer
Job Description :

- Worked as a Shift Supervisor of the plant operation; coordinate with the dispatching center for power loading; coordinating with the plant maintenance staff and issuing work permits and evaluating the performance of equipment.
- Report to the Plant Manager on a daily basis.