

Holds a B. Sc. in Mechanical Engineering and has over 14 years of experience in project coordination and management at power plants and oil & gas.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Residence : Alexandria

EDUCATION

: B. Sc. in Mechanical Engineering, Alexandria University, 2010

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD, Plant 3D, MS Project

TRAINING COURSES AND CERTIFICATIONS

: EUREM European Energy Manager.
: NDT nondestructive test certified.
: CMRP Certified maintenance and Reliability Professional.
: Project Management Professional (PMP) Preparation.
: Boiler commissioning, O&M onsite training by ANSALDO Company.
: Pump Maintenance and operation.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Nov. 2017 till now
Employer : Siemens Energy
Project : New Capital CC Power Plant 4800MW (8x400MW H8000, 8 HRSG, 4x400MW Steam Turbine)
Job title : Technical Field Advisor
Job Description :

- Interpreted P&IDs, isometric drawings, and technical specifications to ensure proper execution.

- Conducted final checks and prepared test packages for field piping systems prior to commissioning.
- Prepare pressure test packages according to drawing and process.
- Supervised hydrotest/pneumatic activities conducted by subcontractors or in-house teams, ensuring adherence to safety and quality standards.
- Disassemble/reassemble valves for pressure test arrangement.
- Install pressure test plugs according to the pressure test TP.
- Apply lapping and valve repair if required.
- Oversaw hydrostatic and pneumatic testing, ensuring all project requirements were met.
- Verified that all work was executed according to project documentation and within the scheduled timeframe.
- Supported subcontractors and direct hire personnel by confirming the availability of drawings and materials for efficient project execution.
- Ensured that project quality and contractual obligations were met throughout the testing process.
- Assisted teams in accurately interpreting drawings and provided support in resolving technical issues.
- Prepared and coordinated detailed schedules for assigned hydrotest activities.
- Managed human and technical resources, identifying needs and addressing.
- Monitored work progress, ensuring compliance with project specifications and highlighting any engineering challenges encountered.
- Mechanical Completion process and support for commissioning.
- Collected data to produce weekly progress reports, tracking manpower and project advancement.
- Conducted continuous assessments of installed quantities to ensure alignment with project goals.
- Coordinated subcontractor activities and offered technical advice to ensure successful project completion.
- Reviewed engineering documents and specifications for accuracy and compliance with standards.
- Facilitated weekly progress meetings to discuss project achievements and resolve any issues.
- Assisted management in meeting contractual, technical, and commercial objectives.
- Arrangement with other disciplines to insure the progress activities
- Promoted a safety-first culture, ensuring compliance with EHS regulations and standards.
- Promoted safe work practices and environmental protection, ensuring compliance with safety and quality requirements.

Dates	:	From Jun. 2016 till Nov. 2017
Employer	:	Irem spa construction
Project	:	Burullus CC Power Plant 4800MW (8x400MW H8000, 8 HRSG, 4x400MW Steam Turbine)
Job title	:	Mechanical Project Coordinator
Job Description	:	• Conducted technical reviews and participated in the tendering process to ensure alignment with project requirements.

- Served as the mechanical construction and pre-commissioning coordinator for boiler/BOP systems, overseeing all related activities.
- Provided local service support and commercial advice to enhance project execution and client satisfaction.
- Coordinated subcontractor activities and provided local manpower support to ensure efficient workflow.
- Ensured productivity and quality standards were maintained by all team members.
- Monitored daily work activities of subcontractors, regularly updating progress reports to track project advancements.
- Addressed engineering queries raised by subcontractors, providing technical guidance to confirm design drawings and compliance with standards.
- Conducted final checks of Piping and Instrumentation Diagrams (P&ID) for installed piping systems within the module.
- Prepared field piping system test packages, detailing system limits as indicated on P&IDs and piping isometric drawings.
- Managed the execution of pressure test packages and hydrostatic testing activities on site to ensure compliance with project specifications.

Dates : From Jan. 2015 till May 2016

Employer : Danieli Corporation, DESY diMAC

Project : 1,95 million ton per year EZZ Steel Company Direct reduction plant

Job title : Mechanical Piping Engineer

Job Description :

- Leading and managing the mechanical team on site.
- Ensuring that the project is completed on time, within budget, and to the highest quality standards.
- Liaising with the client, subcontractors, and other stakeholders to ensure smooth lines of communication, providing reports and updates where necessary.
- Provide technical support to the Project Manager across all phases of the project.
- Apply indoor Engineering with Back Office.
- Ensuring that the project complies with all relevant safety, health, and environmental regulations.
- Prepare pressure test packages according to drawing and process.
- Supervised hydrotest/pneumatic activities.
- Disassemble/reassemble valves for pressure test arrangement.
- Coordination of all necessary activities with all involved parties, such as commissioning team, erection team and sub-contractors.

Dates : From Dec. 2013 till Jan. 2015

Employer : Abu Qir Petroleum Co. - Edison

Project : NAQII Offshore Project

Job title : Project Engineer

Job Description :

- Actively participate in the management of change (MOC) process in conjunction with facility stakeholders.
- Arrangement between offshore platform operation, maintenance team and engineering company.

- Support in prepare and authenticate technical drawings and documentation including piping isometrics, line designation tables, and code calculations.
- Provide project management for capital and OPEX projects from conception to completion (options identification & evaluation, process hazard analysis, funding request, detailed engineering, manage and report on cost and schedule during construction, resolve RFI's).
- Utilize and oversee EPCs for detailed engineering as required.
- Manage and support the execution of facilities projects, including the planning, design, and construction of pipeline terminals, compressor stations, processing plants, and other midstream facilities.

Dates : From Mar. 2011 till Dec. 2013

Employer : West Delta Electricity Production Company

Project : New Abu Qir Thermal Power Plant 2x650MW

Job title : Client Representative - Mechanical Engineer

Job Description :

- Ensure productivity and quality standards are upheld by all team members.
- Manage contracts and resolve contractor-related issues to ensure timely project delivery.
- Ensure compliance with international codes for power and process piping.
- Continuous improvement in project engineering and construction planning.
- Monitor project progress, ensuring adherence to schedules, budgets, safety, and quality standards.
- Responsible for mechanical inspections of valves, pumps, and auxiliary plant equipment.
- Coordinate subcontractor activities and support local manpower for project completion.
- Ensure technical queries from subcontractors are addressed, confirming design compliance.
- Conduct final checks and prepare test packages for field piping systems prior to commissioning.
- Oversee hydrostatic and pneumatic testing, ensuring all requirements are fulfilled for project completion.
- Review engineering documents and specifications for compliance and accuracy.
- Lead boiler commissioning activities, including first fire, chemical cleaning, and leakage tests.
- Ensure compliance with the latest design documents and shop drawings throughout project execution.
- Facilitate weekly progress meetings to discuss achievements, forecasts, and issue resolution.
- Supervise site engineers and manage manpower effectively for optimal.

Dates : From Sep. 2010 till Mar. 2011

Employer : PVC SANMAR Group

Project : Port Said – Chemical Industry

Job title : Mechanical Completion Engineer

Job Description :

- Support in Hydrotest / Pneumatic.
- Review Test packages.
- Support commissioning team for flushing, air blowing and steam blowing.

Field of experience : Planning, Piping, Gas Turbine, HRSG, Steam Turbine, Maintenance, Construction, Commissioning, Decision making, Project Management, Energy Efficiency, Power Plants, Valves, CHP, Commissioning, Maintenance Management, Process Improvement, Equipment Reliability, organization and leadership, valves, Pressure test, Lapping, Valve disassemble & assemble, Oil & Gas, offshore.