

Holds a B. Sc. in Mechanical Engineering and has over 12 years of experience in engineering, construction and maintenance of power plants projects, oil & gas treatment plants projects. Work included all phases of the projects, review tender specification, contract documents from receiving equipment and materials, through erection supervision and start-up assistance.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 22/10/1975
Gender : Male
Marital Status : Married
Residence : Sharkia

EDUCATION

: B. Sc. in Mechanical Engineering, Zagazig University

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: ASME B 31.1 Power Piping Design and Fabrication, AUC Courses.
: ASME B 31.3 Process Piping, AUC Courses.
: ASME B31.8 Gas Transmission and Distribution Piping Systems, AUC Courses.
: ASME Section IX Welding and Brazing, AUC Courses.
: ASME Section V Non-Destructive Testing, AUC Courses.
: ASME Section VIII Division 1 Design and Fabrication for Pressure Vessels, AUC Courses.
: ASME Section VIII Division 2, AUC Courses.
: PDMS (pipe design management system) program.
: Stress analysis of piping system CAESAR II.
: Infilco Degremont Inc, Seminars and On-shore training courses.
: Primavera level I and level II (Construction Planning & Scheduling).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Aug. 2011 till now
Employer : PGESCO (Power Generation Engineering and Services Company)
Project : EL AIN SOKHNA SUPERCRITICAL THERMAL Power Plant
Job title : Lead Piping/Mechanical Engineer
Job Description :

- Executing the project construction activities, in line with the project specifications, scope of work, schedule, and client requirements.
- Lead a team of construction superintendents, and manage the construction subcontractor's construction managers in completing the subcontracted works, while maintaining the required HSE and Quality standards.
- Represent the company during the execution of the construction works.

Dates : From Apr. 2010 till Aug. 2011
Employer : PGESCO (Power Generation Engineering and Services Company)
Project : CAIRO WEST Thermal Power Plant 2x350MW Gas/Oil Fired Units
Job title : Senior Piping/Mechanical Engineer
Job Description : Follow up and inspect Under Ground Piping, Over head Cranes, Gantry Cranes, Sluice gate, Stop Logs, Traveling Screen, Bar Screen, Trash Rack, Boilers Steel structure, Duct work (Air and gas Ducts), boiler pressure parts (Hanger rods, headers, Buckstay, water wall panels, Mixing Pots, Separator & Storage Tanks, Link pipes and steam coils) and boiler external piping.

Dates : From Sep. 2008 till Apr. 2010
Employer : PGESCO (Power Generation Engineering and Services Company)
Project : EL-TEBBIN Thermal Power Plant 2x350MW Gas/Oil Fired Units
Job title : Senior Piping/Mechanical Engineer
Job Description :

- Review EPC Contract requirements, organize the preparation of the Piping and equipment Document Register, identify Piping and equipment Requirements within the Scope of Works.
- Supervise the day-to-day administration of the Mechanical/Piping Contracts on site.
- Follow and inspect the construction progress of assigned projects assuring conformance with design specifications, codes and standard, recommend or confirm design changes material and equipment substitutes and Review design packages.
- Organizing and directing the site engineers and inspectors controlling the works.
- Resolve contractor raised queries in conjunction with technical support group, raise and close out engineering queries as applicable.
- Witnessing of any testing as required in the codes and standards, including pump and compressor alignment readings or any other mechanical checks.
- Compilation of punch lists in conjunction with the contractor and client.
- Carry out inspections, site surveys and dimensional checks to ensure Piping installations are as design drawings and specification and comply with Project Specifications.
- Assist in the resolution of interface problems with other contractors.

- Review Piping Material Specifications, Piping and Instrumentation Diagrams (PIDs), Plot Plans, General Arrangement (GA) Drawings, review and identify Philosophies non-conformance with Company Specifications and Procedures.
- Advise site planners on the realism of construction programs and advising of amendments.
- Monitor contractor Quality Control Program. This includes site inspection for compliance with contract documents, approved submittals and mechanical codes.
- Maintain project safety awareness and enforce company safety policy. Facilitate coordination of contractor's work with third parties.
- Monitor, supervise and check the EPC Contractor Piping, HVAC and mechanical Activities (static and dynamic equipments) at the Construction Site on a day to day basis and report accordingly.
- Overseeing the installation of all mechanical equipment, including organization and monitoring of vendor representatives' site visits.
- Review contractor's monthly invoices. Monitor as-builts and daily reports on each contract. Evaluate construction material testing results. Provide technical support to the preparation of Field Change Requests and Change Orders.
- Assist contractor with the preparation of method statements to meet permit requirements. Reports to the Project Field Engineer. Interfaces with: Construction Manager, Field Coordinating Engineers, Completions/QC Leader, Resident Engineer, Planning Engineering, Safety Officer and Document Control.
- Participate in construction progress meetings. Participate in final inspection and prepare punch lists.

Dates : From May 2008 till Sep. 2008
Employer : CCC (CONSOLIDATED CONSTRUCTOS COMPANY W.L.L.)
Project : KHURSANIYAH GAS PLANT PROJECT (KGPP) – KSA
Job title : Section Head Engineer (Mechanical/Piping)

Dates : From May 2007 till May 2008
Employer : CCC (CONSOLIDATED CONSTRUCTOS COMPANY W.L.L.)
Project : IWSP (Independent Water, Steam, Power Project) – KSA
Job title : Section Head Engineer (Mechanical/Piping)
Job Description :

- Leadership for the man power of around two hundred and fifty.
- Supervise and control construction activities of the Power Plant.
- Perform construction activities as per drawings, specifications and project documents in accordance with the project field procedures.
- Analysis, verify data and progress reports in accordance with project schedule.
- Oversee and manage Piping construction works from conception to completion.
- Prepare construction – engineering strategy plans, foresee and forecast work progression.
- Maintain focus on HSE policy and Quality Standards.
- Supervise, test and checkout completed facilities for turnover to the client.

- Provide the working interface between construction and engineering to maintain compliance with plans and specifications and use of economical construction methods.

Dates : From Sep. 2006 till Apr. 2007
Employer : Snamprogetti Lummus Gas Ltd. Co. (ITALIAN)
Project : El Gamil Oil & Gas Treatment Plant
Job title : Senior Piping Engineer
Job Description :

- Review all technical existing document (P&ID) including modification, Plant revamping provided during last five years.
- Provide engineering support for all Piping and Valves.
- Oversee detailed Piping valve design activities including formulation and interpretation of engineering, materials and construction specifications.
- Review material requisitions, vendor selections, technical bids and approve or make recommendation to management for approval, as per the Document Distribution Matrix (DDM).
- Review vendors/subcontractor(s) drawings and related documentation to ensure the Piping/Valve engineering aspects meet the required specifications.
- Make site survey (actual plant)in the piping lines, including valve data, line list and equipment data.
- Prepare the as built drawing for the piping and instrument diagram (P&ID) drawings.

Dates : From Feb. 2006 till Aug. 2006
Employer : BONATTI Co. (ITALIAN)
Project : NC-41 On-shore Gas Treatment Plant at Mellitah (Libya) for ENI Gas B.V.
Job title : Master Punch List Controller
Job Description :

- Master Punch List Coordinator.
- Follow up the master punch list items in site and close it with civil, steel structural, electrical, instrument, pre-commissioning, machinery, insulation, painting and piping Supervisors.
- Technical support and follow up the shut down activity for MELLITAH Gas Plant during shutdown period.
- Preparing the modification isometric drawings for Mellitah Complex Local Gas Metering station and follow up on site, and prepare the final dossier for Shut down activities.
- Responsible for Heat Exchangers hydro test of shell and tubes.
- Technical responsible for the Shut Down activities (checks, testing, repair and cleaning) for valves, Heat exchangers, Drain drum, Stabilizer re-boiler heater and Stabilizer Colum.

Dates : From Nov. 2004 till Aug. 2006
Employer : BONATTI Co. (ITALIAN)
Project : NC-41 On-shore Gas Treatment Plant at Mellitah (Libya) for ENI Gas B.V.
Job title : Test Pack & Pre-commissioning Engineer
Job Description :

- Study pre-commissioning and commissioning manuals for MELLITAH Gas Plant.
- Check the accomplishment of every single system by punch list.

- Marking up the commissioning P&ID and prepare test package to be able for final test and issue it to main contractor.
- Make any modification required according to any problem in isometric and/or P&ID.
- Follow up the erection completion in relation to various system punch list and hydro test.
- Indicate the temporary spacers and spool pieces where necessary required installing.
- Prepare the as built drawing for the modification isometric piping during erection.
- Ensure that the test pressures, test medium are according to the line list of the system.
- Keeping record for each step for the test packs, punch list and re-instatement to be hand over with its final documentation.
- Preparing the punch list activities which done before and after the pressure test.
- Follow up all pre commissioning activities (checks, cleaning and testing) of plant.
- Prepare the flushing package (water flushing& air blowing) and follow up on site.

Dates	:	From Oct. 2003 till Nov. 2004
Employer	:	Initec (Dragados Inergia) Co. (SPAIN)
Project	:	Cairo North Combined Cycle Power Station 750MW
Job title	:	Senior Mechanical/Piping Field Engineer
Job Description	:	<ul style="list-style-type: none"> • Site Coordinator. • Participate in construction progress meetings. Participate in final inspection and prepare punch lists. • Review and respond to contractor's technical queries and coordinate with Engineering Department on technical issues. • Review Engineering design packages for constructability issues and lessons learned. • Preparation of shop drawings, details and documentations. • Review the shop drawings and follow prefabrication of structural / piping works. • Material check of required quantities as per drawings and contract use quantity available and advice site arrangement for procurement. • Technical specifications and evaluation criteria for the procurement of material. • Supervision & monitoring of piping installation progress activities to be carried out in accordance with relevant specification and drawings. • Ability to provide project planning including development of the budget and schedule with the ability to status the project during construction. • Preparing RFI (request for information) to main contractor. • Follow up installation fire fighting system and HVAC. • Prepare the entire documents for calculation the extra work. • Prepare the as built isometric drawings for large and small bore piping. • Preparation of hydro test, Pneumatic Nitrogen pressure test, flushing, and Air blowing for all piping systems.

Dates : From Aug. 2002 till Apr. 2003
Employer : TECHINT CIMIMONTTUBI
Project : East Port Said Power Station (2x340MW OIL/GAS FIRED)
Job title : Technical Office Engineer
Job Description :

- Preparation of daily, weekly and monthly report.
- Prepare the as built drawings of all piping systems before starting the rehabilitation.
- Solving the technical problem of piping system and prepare drawing modification, also making the as built drawing.
- Working as a Quantity Surveyor for all the mechanical activities.
- Prepare the E.E.R. (end of erection report) for pipe supports, piping, painting, insulation and equipment.

Dates : From Oct. 2000 till Aug. 2002
Employer : Mechanical Engineering Group Company (MEGCO)
Project : Cellulose and Derivatives Production Chemical Plant
Job title : Mechanical Engineer
Job Description :

- Assembly and installation of all static and rotating equipments (pump, filters screw, vacuum, grinders, reactors and packing machine).
- Assist in mechanical inspections, acceptance and turn-over reviews.
- Work as member of commissioning team for the chemical plant commissioning and start-up.