

Holds a B. Sc. in Metallurgy & Materials Engineering and has about 5 years hands-on experience working in piping field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 13/02/1987
Gender : Male
Marital Status : Single
Residence : Helwan, Cairo

EDUCATION

: B. Sc. in Metallurgy & Materials Engineering, Suez Canal University, 2011

LANGUAGES

Arabic : Native Language
English : Fluent
French : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD, Auto-Plant (Piping Isometric), MS Project and Primavera

TRAINING COURSES AND CERTIFICATIONS

: Gulf Consolidated & Contractors Company Ltd.) & Aramco Saudi Arabia.
: CWI (Certified Welding Inspection).
: API-570 Piping Inspection Code.
: ASME IX, Welding and Breazing from NDT.
: SSangyong Engineering & Construction Co. Ltd. Saudi Arabia.
: Consolidated Contractor Company "CCC", Aramco Saudi Arabia.
: Gulf of Suez Petroleum Company.
: ABB Petroleum Technology Co. S.A.E.
: SAMSUNG Engineering Co. LTD.
: Procter and Gamble Egypt.
: First Egyptian Engineering Company.
: STG International Stroytrans Gas Consortium.
: Ouais Group Engineering and Contracting.

: Timsah Ship Building Company.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Oct. 2012 till now

Employer : Khalda Petroleum Co.

Job title : Senior Piping Construction Engineer

Job Description :

- I have demonstrated success in contributing towards an appreciable increase in the organizations growth while maintaining high standards in all aspects related to my field.
- Recognized as honest, straightforward, and a dedicated person, who has built up a reputation for unwavering loyalty and commitment to delivering high quality work and meeting the company's objectives.
- An excellent team player and a dedicated individual, who has built up a reputation for Unwavering accuracy and credibility proven to deliver high quality work and meet the company's Objectives in due time frames.
- Coordinate all mechanical activities regarding erection of plant - Choose technical solution to progress and to reach the weekly targets. Coordinate all activities in full safety condition for our group.
- Responsible and Coordinate for all Management QA/QC, Construction Mech. mechanical activities Works, Organization Chart, Planning, Time Schedule.
- Management all technical documents of project of ready, minutes of meeting and certification completion Works.
- Responsible for all QA/QC, inspecting construction activities for piping, pipelines (welding of flow line including wrapping on site of welded joints). Excavation, preparation of Trench prior to lower (rollers used in all lowering operations) Tie-ins take place in the trench backfilling holiday detector. Install equipment rotary or static & hydro test, commissioning, planning Schedule, material Control and documents.)
- Performing mechanical activities works comp. Fabricating, installing & hydro testing the piping system according to ANSI 31.3, API 1104 (Pipelines & Plant planning schedule material control and documents). .
- Inspecting equipment installation, pig receiver, anti corrosion chemical skid, methanol skid, choke heater, separator, Hot & cold insulation install.
- Responsible for Install Cathodic protection (two magnesium anodes).
- Responsible for QA/QC, inspecting install inter-connecting process piping work between equipment and vessels.
- Performing pre-commissioning works to put the gas line in service (with process).
- Responsible for 13 hot tap's have been performed for inside Process & U -103 plant (Gupco Comp.).
- Performing for all Construction activities for both Main Pressure Reduction Station, Take Off Point Station and Line Break Valve Station.
- Responsible for all construction activities for both of pipelines & tanks (API 1104), (API 650) and visual inspection fabrication of well head & manifold piping system, Const. & erection of tanks (R.T.U's Earthing).
- Inspecting Fab.& install of piping with different type of Material and size (C.S, Low temp., S.ST, Duplex) (API 1104) Fab., install & testing of 3 nos condensate tanks 18 m diameter (API 650).

- Responsible for NDT inspecting (post welds, post stress relief.) Leak test using foam Carry out the Hydrostatic test.
- Responsible for inspecting Construction & Pulling of Sea Lines (52, 30, 24 – inches 14 Km).
- Responsible for inspecting Const. & Pulling of Sea Lines (18", 8" 3" - 4 Km. A/G (in site) & 20 Km. to P/F. (M .8).
- Installing 8" buried gas P/L from land fall point to the pig trap located in Esma-2.
- Responsible for inspecting Construction & Pulling of Sea Line 8". 8 km to P/F Esma-2.
- Responsible for all construction activities for both of pipelines 8" gas, 1", 2" methanol.
- Responsible for inspecting Construction Mechanical works for Esma-8 P/L 3", 8"A/G & U/G (in plant).
- Installing pumps station.
- Carry out welding visual and inspection following API 651 (QA/QC).
- Handle different maintenance activities.
- Responsible for direct control install Natural Gas to be used as a main fuel instead of light oil fuel in the steam boiler and tower air heater burners. The project will allow dual operation modes (Gas & Oil Fuel) will be as back up, In order to ensure system reliability and Pre-commissioning works comp.
- Responsible for direct control of forming the concrete around the line (600 mm Diam. & 2.00 M Diameter).
- Resp. control of welding, fitting, rigging and maintenance as well as sinking and laying of the Syphon and hydro test.
- Responsible for all management of S/B and painting for offshore platform with total area 15000 sq.m.
- Conversant in all aspects of S/B system inspection and conversant all completion of daily weekly and Monthly report to client. Ordering of all relative materials.
- Manpower to follow work progress and to client ordering of all relative materials.
- Inspecting for Sand blasting & painting the piping and tanks internally & externally shell (stair or ladder).
- Supervision engineer for S/B & painting for GPC in Ras Gharib. Resp. for inspection of surface preparation and coating of 6 jackets and 5 P/F for Ras Gharib Duties also included work onshore Inspection of field welding of P/L 8" GPC and Fab. Riser for P/F and supervisor eng. of coating application of intergard (splash zone).
- Visual inspection for welding of pipe line (Guidelines for weld inspection, material traceability).
- Supervision engineer cleaning and De-sludging the internal shell from hard wax using hand tool.
- Sup. Eng. cleaning and De-sludging outside tank using dozer (to excavated trench adjacent to out door).
- Inspection replace the defected rubber rim seal, shoe plates, the hunger pantograph and counter weight.
- HSE:
 - Perform isolation of pipes and tank valves.
 - Pre-job safety meeting and toolbox talk along with logging on daily basis.

- Daily records i.e. ASA, N.M safety meeting, no of days without LTI, PTW audit, ICC audit, etc.
- Risk assessment.
- Approved lifting gears (slings, shackles and stamped with green color code) lifting plan.
- Material list (brand name, quantities & its certificates).
- Daily, weekly & monthly activity / HSE reports.
- Schedule, organization chart, S-Curve, Manpower / equipment histogram & break down percentage & work schedule.
- Experience in the presentation of the achieved progress (Business plan), shown every 3 months. The presentation had: HSE including safety performance, and prepare end project evaluation reports, the scope of work, percentage break down, S-Curve and equipment/ manpower histogram.
- Planning:
 - Reporting progress planning, time schedule and cost control for all assigned projects.
- Responsibilities / Roles:
 - Submit complete mechanical engineering services to the business unit.
 - Participate in the assessment and evaluation of performance of contractors and consultants following the completion of services.
 - Co-ordinate, check & review the mechanical engineering projects.
 - Execution of studying & modifications for mechanical projects work projects as an individual or as a part of a team.
 - Ensure that all project activities through commissioning and starting up are performed efficiently and effectively, and meets operational requirements.
 - Manage the performance of the projects-specific contractors, consultants, and vendors, including safety performance, and prepare end project evaluation reports.
 - Reporting progress planning, time schedule and cost control for all assigned projects.
 - Develop the project implementation strategy.
 - Assist in the provision of project management and construction support services to each offshore Asset management team as required.
 - Assistance in the review and approval process of contractor's / consultant's HSE plans.
- Goals:
 - Ensure that all services provided are according to company/ industry standards, Practices & procedures.
 - Identify continuous improving the mechanical engineering services of the business unit and extending the life of mech. works system.
- Summary of current job:
 - Develop the scope of work for engineering contractors / consultants for the projects & follow up the performance of basic & detailed engineering.
 - Prepare the time schedule & cost estimate for in house works. Provide operating technical support on all mech. engineering aspects arising during construction phase.
 - Prepare bidders list, bid documents & conduct technical bid evaluation.

- Review technical drawings for installation, and ensure conformity of the as built status with the design & technical requirement.
- Provide technical advice & solutions to a variety of technical problems.
- Ensure that the design complies with the stipulated codes & standards.
- Review the engineering design (made by other designer) including external consultants. Develop company standards, specifications & guidelines for Develop & issue declaration of mech. work requirement.
- Carry out feasibility study, conceptual, basic & detailed engineering for the mech. works including data achievement, drawings, specifications, bill of materials (quantity) (MTO) Material take – off.
- Develop & issue declaration (permit) of mech. work requirement.
- Coordinate with other discipline engineer on all aspects during work development to conventionality of engineering with user's requirements.

Employer : American University in Cairo (AUC) (part time)
Job title : Teaching Assistant

Field of experience :

- About 5 years experience in water desalinated plant, oil and gas industries at onshore and offshore fields for piping, pipeline, WWTP QC / QA and construction Inspection, engineering and management of oil / gas projects including process piping, underground piping system, flow lines, pressure vessels, storage tanks, steel structures, equipment (static & rotating), towers with internals, offshore fixed platforms and single buoy mooring.
- Experience includes Operation and engineering activities such as piping design, and development of Company specifications, standards & procedures.
- Preparing the material take-off "MTO" (Bill Of Quantity) for piping systems and related facilities, cost estimate, issuance of technical recommendations, issuing requisitions for material purchasing and perform technical evaluation of the received offers. Follow up the design works and related studies performed by engineering consultants/engineering contractor to insure that they are in accordance with the technical requirements of the company and related codes and standards. Review and approve drawings (P&ID, Plot Plan, General Arrangement, Isometric Drawings, Reporting progress planning, time schedule and cost control for all assigned projects.
- Relevant Experience Onshore:
 - I have demonstrated success in contributing towards an appreciable increase in the organizations growth while maintaining high standards in all aspects related to my field. Recognized as honest, straightforward, and a dedicated person, who has built up a reputation for unwavering loyalty and commitment to delivering high quality work and meeting the company's objectives.
 - An excellent team player and a dedicated individual, who has built up a reputation for Unwavering accuracy and credibility proven to deliver high quality work and meet the company's Objectives in due time frames.

- Experience in piping, pipeline, QC/QA, construction supervision of rotating and static equipment, erection, installation, pre-commissioning & commissioning activities and supervising contractors, Experience also included design review and modification, preparing scope of work and technical tender packages, planning, time schedule and cost control in addition to maintenance and inspection in different oil and gas industrial sectors.
- Experience / Skills:
 - Study, check, review (tenders, contracts, designed drawings & bill of material) to develop comments before execution phase.
 - Supervise all mech. works related to oil / gas projects.
 - Check & review the scope of work, percentage break down, S-curve, equipment / manpower Histogram & the invoices submitted by contractor for current projects.
- Personal Skills:
 - Presentation skills.
 - Solve problems.
 - Communication skills.
 - Leadership of team work.
 - Work under pressure.
 - Preparation of welding procedures and qualify the welders.
 - Using ultrasonic device in welds examination.
 - Able to recognize all welding and base metal defects.
 - Reading radiographic films and report making.
 - ASME, API, AWS codes usage.