

Holds a B. Sc. in Mechanical Power Engineering and has over 18 years hands-on experience working mainly in construction and piping.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 28/06/1978
Gender : Male
Marital Status : Married
Residence : Cairo

EDUCATION

: B. Sc. in Mechanical Power Engineering, Helwan University, 2001
: Ibn Khaldoon Secondary School, 1996

LANGUAGES

Arabic : Native Language
English : Fluent
German : Fair

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: PMP Preparation Course (Jun. 2016).
: Design of Plumbing Systems (Syndicate of Engineering) (Sep. 2012).
: API (American Petroleum Institute) Q1-E8 specs at Petrojet Company by Moody International.
: General English program at the British Council, Heliopolis (2005-2006).
: Administration and Communication skills program at the Career Development and Consultations Academy (CDC) (May 2007).
: Design and Selection of Fluid Power Pumps and Motors at the American University in Cairo (AUC) (Jun. 2007).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Oct. 2014 till now
- Employer** : GS E&C
- Project** : EGYPTIAN REFINING COMPANY (ERC)
- Job Description** :
- Piping Construction Team Leader:
 - Supervision/monitoring all subcontractors' site activities.
 - Verify all material specifications with material coordinators prior to deliver for fabrication.
 - Review the drawings through 3D Modeling, ZWCAD, and ProCAD Cadworx. Revise the drawings and check all material take off.
 - Ensure that all construction contractors' supervision and manpower are instructed in and comply with all aspects of Health, Safety, Environment and Security (HSES) policy, site regulations, permit to work procedures and instructions and Client requirements.
 - Ensure that construction contractors working within his discipline adhere strictly to the latest Approved for Construction (AFC) project drawings, Specifications, ITP's, Procedures and Site Instructions.
 - Responsible for the HSES and quality aspects of the work within assigned areas and for ensuring construction contractors complete their work in accordance with the project schedule.
 - Review and monitor the availability of drawings, specifications, job instructions, material deliveries and tools applicable to his/her particular discipline and area of work.
 - In conjunction with the contractors' supervision, planning engineers and the Construction Engineer, develop detailed daily and weekly work plans in accordance with the overall planning schedule.
 - Inform the Discipline Superintendent on specific areas where the program needs to be adjusted in accordance with site conditions and material deliveries.
 - Responsible for monitoring the discipline and timekeeping of contractors' staff and labors in a defined work area, identifying any disciplinary action required, and informing the relevant Discipline Superintendent.
 - Review the received drawings P&ID, GA, Isometrics, Above/underground piping.
 - Monitoring the Fabrication shop activities via daily productivity report.
 - Task Force Team Leader for Test Packages and Pressure Test:
 - Fully supervise Test Packages flow as follow:
 - Prepare test package according to test block provided by Client.
 - Review of all piping test packages.
 - Assigning Test Pack numbering.
 - Confirm test medium is correct according to the line list and flushing method is correct
 - Confirm design pressure and test pressure is correct according to line list and within the allowable pressure for the pipe specification.
 - Confirm filling points, venting points, and drains are acceptable.
 - Confirm test boundaries are reasonable - evaluate exclusion zones.

- Confirm valves, instruments, etc. that need to be removed are identified.
- Confirm pressure gauge and relief valve locations.
- Confirm boundary limits of blowing packages are achievable.
- Completion Team Leader:
 - Follow the Project Completions Plan and procedures. Comply with project procedures and guidelines. Adhere to established Health, Environmental, Safety & Security (HESS).
 - Overall responsibility is to participate and coordinate punch and MC activities with handover to commissioning.
 - Supervise local and expat MC inspectors.
 - Assist in administering Completion Management System data input and reporting daily the status of Completion.
 - Preparing weekly status reports from start of MC activities.
 - Ensure that systems and equipment are protected and preserved throughout fabrication, installation & hook-up.
 - Coordinate all Mechanical Completion related activities through the use of Company discipline engineers and inspectors.
 - Review selected drawings and documents issued by EPC Contractor
 - Ensure MC complete for handover to Commissioning.
 - Review and approval of all gross air and/or N2He leak testing packages - review includes following activities.
 - Confirm boundary limits of gross air and /or N2He leak test packages are achievable.
 - Submit the test package for Client review and approval.
 - Follow up with Client on test package approval.
 - Review the test package status once the punch, punch kill activities and release for HT if punch is cleared for HT.
 - Update the test package status.

Dates : From Oct. 2013 till Oct. 2014

Employer : ORASCOM Construction Industries

Project : Rehabilitation and Adaptation Project - Algiers Refinery, Algeria

Job titles : Site Team Leader, Piping Superintendent & Deputy Construction Manager

Job Description :

- Duties including all Piping activities.
- Supervision of various mechanical erection works.
- Supervision and quality control of erection activities in accordance with approved HSE and method statement / shop drawings and recording any non-conformance.
- Review erection planning, work procedures, inspection test plans, safety plans.
- Ensure that all quality related aspects are in line with the project requirements.
- Inspection of delivered materials as per specification, quantity and approval, Attend weekly progress meeting and prepare minutes of meeting, Maintain the site daily with erection progress records, quantum of work done, prepare daily reports in line with project procedure, Maintain site inspections and tests records, etc.

Dates : From Dec. 2012 till Oct. 2013
Employer : INITEC Energia
Project : Giza North CC Power Plant 1500MW
Job titles : Senior Mechanical Engineer, Piping Superintendent
Job Description : Duties including following up the sub-contractor for all Piping activities in Module I, Module II as:

- Manufacture and erection of piping for services and process units and systems as Natural gas, steam (high, medium and Low Pressure), instrument air & service air, Nitrogen, Lubricating Oil systems, fire fighting systems, cooling systems, and water treatment Systemsetc. Installation for variable kinds of pipe supports.
- Using international standards and regulations for mechanical and piping activities as API, ASME, DIN.
- Prepare site surveys, reports and documents for assigned Projects in accordance with relevant standards.
- Optimize site modifications in accordance with design requirements.
- Proceed Hydro-Test activities.

Dates : From May 2009 till Dec. 2012
Employer : ORASCOM Construction Industries
Project : Sorfert Fertilizer Complex for AMONIA and UREA Project, Algeria
Job titles : Senior Mechanical Construction Engineer & Piping Deputy Manager
Job Description :

- Duties including all Piping activities in Amonia train I & train II as:
 - Manufacture and erection of piping for services and process units and systems as:
 - ❖ Natural gas, steam (high, medium and Low Pressure), CO2, Ammonia Liquid.
 - ❖ Ammonia Vapor Synthesis Gas, polished water, instrument air & service air, Chemical Dosing, Nitrogen, Lubricating Oil systems, fire fighting systems, cooling systems, and water treatment Systemsetc.
 - Installation for variable kinds of pipe supports.
 - Using international standards and regulations for mechanical and piping activities as API, ASME, and DIN.
 - Prepare site surveys, reports and documents for assigned Projects in accordance with relevant standards.
 - Supervising the construction of 2 Pipelines.
- Ammonia exporting Pipeline 8" 8.9 KM.
- Natural Gas feeding Pipeline 20" about 21 KM.
- Duties including (Stringing, Welding, Coating, hydro testing, lowering, Pre-commissioning, and.... etc.).
 - Determine the manpower needed in accordance with available jobs and relevant to time schedule for each job.
 - Optimize site modifications in accordance with design requirements.
 - Proceed Hydro-Test activities.
 - Proceed pre-commissioning tasks as air blowing, water flushing and steam blowing in accordance with engineering specifications.

Dates : From Jan. 2006 till May 2009
Employer : PETROJET
Job title : Mechanical Construction Engineer
Job Description : Shared in the construction of the following projects:

- Saqqara Onshore Reception - Ras Shouqair:
 - Installation of the Piping (above / under) ground.
 - Steel structures - Fabrication / Erection (Pipe Racks - Access platforms - Shelters - Pipe supports).
 - Supervising the Construction of Natural Gas Pipeline 18" 14.8Km and duties including stringing, welding, coating, Tie-in, hydro testing, backfilling, etc.).
 - Construction and installation of the Fire water tank.
 - Installation of static equipment of the Equipment (Vessel / tanks / towers) - Flare - Air coolers - Oil heater - Pumps).
 - Reinstatement for the tested loops.
- Morgan Receiving Facility - Ras Shouqair: Erection of piping, pig receiver, pipe supports and making the TIE IN with the offshore lines.
- New Compression Area Project El Gameel Plant.
- Power Generation Upgrade Project.
- Denise "A" Project.
- 3rd L.T.S Project.
- 4th L.T.S Project.
 - Erection of the Piping (above / under) ground.
 - Steel structures - Fabrication / Erection (Pipe Racks - Access platforms - Shelters - Pipe supports).
 - Erection of the Equipment (Turbines - Compressors - Air Coolers) Reinstatement and final check for the tested loops.

Dates : From Jan. 2003 till Dec. 2005
Employer : United Distributors (trading and agencies company)
Job titles : Construction, Piping, Service & Material Engineer
Job Description :

- Duties included the installation, erection, commissioning and maintenance of the following systems: Fuel Dispensing Pumps - Submersible Pumps - High flow rate Pumps - ATG (Automatic Tank Gauging) systems - MLLD (Mechanical Line Leak Detection) systems - Pump Controllers - ALLD (Automatic Line Leak Detection) systems.
- Erecting the sites under and above ground piping - Loading arms - Hoses - Nozzles. Installed equipment (Fuel Dispensing Pumps - Submersible Pumps - Automatic Tank Gauging systems....etc.) for clients as Exxon Mobil - Shell - Chevron - Emarat Misr - Watanya - CO-OP - Misr Petroleum.

Dates : From Jan. 2002 till Dec. 2002
Employer : The Egyptian International Company
Job title : Mechanical Piping Engineer
Job Description : Duties included fabrication and erection for above and under-ground piping systems for clients as Gupco, Eni and BP.

- Field of experience :**
- Participant in cost/tendering evaluation, schedule, risk management, Pipelines Construction supervision.
 - Participant in work packages definition, collecting all resources required.
 - Optimize operation in accordance with the project schedule, cost, time and quality. Managing and following up project requirements in accordance with procedures and project specifications and coordinating among variable disciplines.