

Holds a B. Sc. in Mechanical Power Engineering and has over 6 years of supervisory and inspection experience in area of Oil & Gas, Petrochemical, Power Plants, onshore, erecting and installation of steel structures, piping, pre-commissioning Projects in Egypt both of Brown and Greenfields.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 07/09/1989
Gender : Male
Marital Status : Single
Residence : Alexandria

EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University, 2011
: Secondary Education: Sidi Gaber Language Schools (SLS), 2006

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD 2D, 3D modeling
: 3D Navis-work
: Inventor 2D, 3D, Stress analysis, visual simulation
: Matlab programming
: Photoshop design

TRAINING COURSES AND CERTIFICATIONS

: ICDL certificate.
: Valves Selection & Technical reports Preparation.
: NDT Level II visual test.
: NDT Level II Penetration test.
: NDT Level II magnetic test.
: NDT Level II ultra-sonic test.
: NDT Level II radiographic test.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jul. 2017 till now
Employer : Bechtel
Project : West Nile Delta (WND)
Job title : Piping Field Engineer
Job Description :

- Apply Bechtel work processes including Standard Work Process Procedures.
- Provide technical assistance to the piping superintendents and crafts.
- Implementation of the project ES&H program and quality control program.
- Develop and implement Inspection and Test Plans for major piping activities.
- Inspection of field installations and completion of associated documentation on a continuing basis, and complete the final P&ID checks prior to turnover.
- Responsible for quantity take-off, control, reporting and forecasting for all piping quantities.
- Assist supervision and project controls in the preparation of detailed work plans and short-term schedules.
- Responsible for the development of piping work packages in conjunction with supervision.
- Prepare field change documentation and as-built documentation as required.
- Interpret design drawings and interface with engineering office to resolve design and constructability issues.
- Responsible for the development of pressure test packages and responsible for witnessing and verifying and acceptance.
- Work with suppliers to ensure compliance with project drawings and specifications.
- Prepare material requisitions, coordinate and review vendor drawings.
- Work with Procurement's expediting team to ensure the delivery of vendor materials to support the project schedule.
- Ensure that materials are stored properly to ensure environmental protection.
- Complete material receipt inspections as required.
- Assist with preparation of construction estimates.

Dates : From Feb. 2017 till Jun. 2017
Employer : AC boilers (Ansaldo Caldaie)
Project : West Damietta Combined Power Plant, CP-105 (Heat Recovery Steam Generator) - 4 Units
Job title : Piping Engineer
Job Description :

- Following up the fabrication and erection of critical, large bore, small bore piping and piping supports.
- Review All Piping/Structural GA & isometric drawings & documents.
- Conduction of regular meetings with contractors, vendors & suppliers, other disciplines & managers.
- Making punch lists for different piping lines.
- System & sub-system package preparation for hydro test.

- Making as-built drawings for all piping system according to modifications applied on site.
- Preparation and applying of (hydro-leak) test processes.
- Preparing different lines for reinstatement and preparing for turn-over packages.
- Preparing and following up pre-commissioning activities (Flushing, Air blowing).

Dates	:	From 2015 till Feb. 2017
Employer	:	GS Engineering & Construction
Project	:	ERC Refinery Project
Job title	:	Piping Assistant Manager
Job Description	:	<ul style="list-style-type: none"> • Monitoring all piping activities in Egyptian Refining Company mega project in Mostorod – Cairo: <ul style="list-style-type: none"> - Waste Water Treatment. - Hydro Cracker Unit. - Raw and Demi water unit. - Utility Steam boilers. - Tankage storage area. - Cooling towers area. - Nitrogen production unit. • Review the drawings through 3D Modeling. • Preparing detailed working time schedule for piping activities. • Ensure that construction contractors working within its discipline adhere strictly to the latest Approved for Construction (AFC) project drawings, Specifications, ITP's, Procedures and Site Instructions. • Review method statements from different sub-contractors and match it with project specifications. • Following up the fabrication and erection of piping supports in both work shop and site. • Revise the drawing and check all material takeoff. • Making as-built drawings for all piping system according to modifications applied on site. • Review for ISO and FAB drawing and making modifications for fabrication work. • Generate Punch lists for different test packages and coordinate with subcontractors to close punch points. • Review test packages from subcontractors and forwards to client for approval. • Conduct daily and weekly meeting with subcontractors and other disciplines to eliminate any conflicted troubles or clashes at site. • 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. • Interface coordination with Civil, steel structure, tanks and Mechanical disciplines for proper sequence of activities. • Coordinating between different sub-contractors (Petro jet, Orascom, CSI, SIAC, HAS ...etc.) to achieve maximum progress.

Dates : From 2011 till Dec. 2014

Employer : Doosan Heavy Industries & Construction

Project : El Ain El Sokhna Supercritical Thermal Power Plant (Units 1 & 2), 2x650MW

Job title : Mechanical Piping Engineer (CP-105)

Job Description :

- Following up the fabrication and erection of critical, large bore, small bore piping and piping supports.
- Review All Piping/Structural GA & isometric drawings & documents.
- Conduction of regular meetings with contractors, vendors & suppliers, other disciplines & managers.
- Making punch lists for different piping lines.
- Making as-built drawings for all piping system according to modifications applied on site.
- Modify drawings on CAD according to as-built drawing.
- System & sub-system package preparation for hydro test.
- Preparation and applying of (hydro-leak) test processes.
- Design and Applying chemical cleaning piping system.
- Follow up chemical cleaning procedure and apply on the boiler.
- Preparing different lines for reinstatement and preparing for turn-over packages.
- Preparing and following up pre-commissioning activities (Flushing, Air blowing).

Field of experience :

- Follow up the fabrication and installation of piping and pipe supports, hydro/pneumatic tests, flushing/air blowing, punch items, reinstatement and pre-commissioning of different piping systems.
- Preparing different drawing in defining piping (ISO drawing, P&ID, support drawing, General arrangement, different piping inline details, etc.).
- System & sub-system packages preparation and closing in pre-commissioning & commissioning phases.
- Skilled at Drafting of different engineering drawing (Iso drawing, P&ID, GA, etc.).
- Develop schedules, conduct audits and discuss results with sub-contractors / clients.
- Prepare daily, weekly and monthly progress report.
- Inspection before, during and after welding.
- Familiar with new welding activities and fabrication technologies.
- Familiar with codes/standards (API, ASME, ASTM, ...).
- Certified with non-destructive tests inspection (5 Methods for inspection).
- Skilled at material coordination and checking BOM by area wise and material requisition.
- Review all documents related to the project, drawings, hierarchy templates, check lists, working safety procedures, method of statements, data sheets, material specifications, quality control requirements and acceptance criteria.
- Have ability to work independently, under pressure, with a multicultural.
- Conduct regular meetings with HSE team, technical staff, client, vendors, contractors & other disciplines for managing progress of the project and control the schedule, HSE rules, cost and quality objectives are optimized.

- Effective communications with all disciplines, vendors, technical staff, co-workers, and contractors, labor's, supervisors, cost control.
- Fully Adherence to Company HSE policy & regulations.