

101065-MEC-CQW-E-2006
Piping & Mechanical Section Head Engineer

Holds a B. Sc. in Production Engineering and has about 11 years hands-on experience working in piping, welding, construction and QA/QC field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/01/1984
Gender : Male
Marital Status : Single
Residence : Alexandria

EDUCATION

: B. Sc. in Production Engineering, Alexandria University, 2006

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD
: Primavera

TRAINING COURSES AND CERTIFICATIONS

- : Courses:
- Upper intermediate certificate of English & Advanced certificate of English, America – Mideast Education Training Services Inc. (American Center – Alexandria).
 - Office Package & Internet & Access, Computer Center (Faculty of Commerce – Alex University).
 - NDT (RT, UT, MT, PT), Egyptian Welding Academy.
- : On-job trainings:
- Safety & Hazards prevention.
 - Hydrotest.
 - Project management & planning.
 - Design of pipes.
 - Lifting course (certified as lifting supervisor from SGS Company).
 - Risk Assessment & Management.
 - Permit Work.

- Tool box talks "TBT".
- Stop Card / Near Miss.
- Internal audit course for ISO (Entry removed to protect privacy), SGS.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Oct. 2015 till now
Employer : Technimont SPA – KIMA – ASWAN – EGYPT
Project : KIMA ASWAN
Job title : Subcontract Administration Mechanical Department Section Head - SAE
Job Description :

- Follow up and finalizing the quantities for the subcontractors through calculation sheets, monitoring & certifying the weekly Mechanical progress (Piping fabrication, piping erection, steel structure, Equipment, Painting, scaffolding and Insulation).
- Monitoring the monthly payments for all subcontractors, follow up the contracts issues (Amendments, Extensions, Claims, contract closures).

Dates : From May 2014 till Oct. 2015
Employer : Construction Management System S.A.E (CMS)
Project : Complex Offsite OSBL Project
Job title : Piping & Mechanical Section Head Engineer
Job Description :

- Fabrication & Erection of all piping Networks (Fire Fighting, Potable Water, Sanitary Water, Fuel Gas).
- Erection of fuel station and firefighting, potable water, hot water and submerged pump stations.
- Erection of Integrin System
- Maintenance of heavy equipment.
- Scaffolding for all activity ate site.

Dates : From Oct. 2013 till Apr. 2014
Employer : Contracting & Services for Industry (CSI)
Project : WEST HEAT RECOVERY PROJECT GTG AREA ELNG – IDKU
Job title : Site Manager
Job Description :

- Preparation of BOQ.
- Fabrication of steel structure.
- Erection at site, scaffolding and all necessary action.
- Prepare all document related to fabrication and erection work.

Dates : From Jan. 2013 till Oct. 2013
Employer : SCIENTECH OIL FIELD SUPPLIERS COMPANY
Job title : Inspection & Technical Support Manager
Job Description :

- Preparation and review offers according to different standards for piping materials.
- Review pricing for offers.
- Improve the organization attitude to improve customer satisfaction.
- Inspection for Piping, Valves, Piping Fitting and apply hardness test for piping.

- Inspection of certificate for Factory test, Third Party, Country of Origin & material.

- Dates** : From Sep. 2010 till Dec. 2012
- Employer** : TEC Engineering & Construction
- Job title** : QA/QC Engineer / Piping Inspector / Construction Supervisor
- Job Description** :
- NAFTA GAS Design, Engineering, Construction & Maintenance for early production pipe line HG 34/7 1 km:
 - Preparing primary isometric drawing for specific job required according to route of piping from wellhead to the manifold to separator to storage tanks.
 - Preparing bill of material for isometric drawing.
 - Calculate piping dimension required for fabrication & adding over length for site working.
 - Construction of piping works which performing in two stages (Fabrication & Erection).
 - Finishing of piping loops & supporting system according to ISO drawing.
 - Complete all welding process.
 - Prepare RT reports and all documents needed for project.
 - Perform hydro test of loops.
 - Apply backfilling.
 - Renting Facility for early production area:
 - Design & engineering for early production area:
 - Three phases separator (Oil – Water – Gas).
 - Oil & Gas divider manifold.
 - Surge tank.
 - Cold pit.
 - Loading pumps.
 - Storage tanks.
 - Loading arm.
 - Flare system.
 - Supply of three phase's separator (Oil – Water – Gas) & Loading pump & Flare system & all lab equipment.
 - Fabrication of surge tank (gas boot) & storage tanks (Material – welding WPS & PQR – RT – Hydro test – Painting).
 - Fabrication of piping network.
 - Erect all the facility, apply Hydro test, touch up for painting, commissioning & start-up for the facility.
 - Steel Works for Abu Qir Petroleum Company, off-shore:
 - Design, Fabrication & Erection of steel work (supporting system) for lighting and instrumentation:
 - Design supporting system for lighting, instrumentation & cable tray.
 - Determine (material – dimension – welding WPS & PQR – bolts).
 - Fabricate required supporting system according to applied code.
 - Apply painting procedure.
 - Erect supporting system off-shore.
 - Touch up for painting.
 - Upgrading of DCS for Damanhour Power Station:
 - Fuel gas station erection & pre-fabrication & erection of all piping

- network.
- Installation of mechanical equipments & all related mechanical activities (cable tray – conduit – S.S. tubing, etc.) supplied by contractor.
- Installation of valves and line components.
- Supply and installation of piping supports and saddle.
- All steel work pre-fabricate & erect.
- Performing of the ND tests.
- Pre-commissioning activities (i.e. hydraulic tests etc. according to the contractor procedure).
- All piping activities for instrument installation (Torque tube – Transmitters – Positioners – gauges).
- Supervising for all Fire fighting system & HVAC.
- False ceiling.
- Cooling systems for AVR cabinets.
- NAFTO GAS Design, Engineering, Construction & Maintenance for:
 - 35 km pipe line for production area (ongoing) design & engineering & construction.
 - Crude oil tanks design & engineering & construction.
 - Test & operation manifold design & engineering & construction.
- 4 km pipe line 4" for early production wells for NAFTO GAS Company, Western Desert:
 - Preparing primary isometric drawing for specific job required according to route of piping from wellhead to the manifold to separator to storage tanks.
 - Preparing bill of material for isometric drawing.
 - Calculate piping dimension required for fabrication & adding over length for site working.
 - Construction of piping works which performing in two stages (fabrication & erection).
 - Finishing of piping loops & supporting system according to ISO drawing.
 - Complete all welding process.
 - Prepare RT reports and all documents needed for project.
 - Perform hydro test of loops.
 - Apply backfilling.

Dates : In Nov. 2010
Employer : ELNG
Project : Inspection of bell mouth struts for 5200 D + Gas Turbine
Job title : Welding Inspector

Dates : From May 2008 till Sep. 2010
Employer : EMC
Project : Taurt & Lts project Gapco (Port Said) (BP), MIDOR, ELNG, Happy, Segas and Rashpetco
Job title : Mechanical Engineer
 (Piping Supervisor / Punch List Supervisor / Welding Inspector)
Job Description :

- Piping Fabrication & Erection.
- Inspection & hydro test of constructed part.
- Steel Structure & Supports replacement.

- Painting & Insulation.
- Maintenance of tanks; Vessels and reactors.
- SEGAS:
 - Welding Inspector at SEGAS shutdown for:
 - PR Turbine & MR turbine for all its critical parts (blade – rotor – stator – housing).
 - All piping welding needs for shutdown activity.
- MIDOR:
 - Maintenance of static equipment (heat exchanger – vessels – drums – tanks – valves – towers, etc.).
 - Cathodic protection of foam, water line & all piping element.
 - Fabricate piping systems at work shop & replace the weared system by the new systems with its supporting system.
 - Familiar to deal with hot taping techniques for crude oil pay paths.
- ELNG:
 - Installation & erection for LNG pumps & its required piping system supporting system (fabrication & erection).
- HAPPY (TAURT & LTS PROJECT GAPCO):
 - Punch List Coordinator for its new project & Piping Supervisor.
- RASHID:
 - Fabrication for off-shore piping system.

Dates : From Jun. 2006 till May 2008
Employer : PETROJET
Project : ELAB (Egyptian Linear Alkyl Benzene Mex Alex)
Job title : Mechanical Engineer
 (Piping Engineer / Welding Inspector / Test Package Coordinator)
Job Description :

- Piping – Fire Fighting – steel structure.
- Steel Erection at site.
- Piping Fabrication & Erection.
- Familiar to work with GRE system.
- Perform punch & Hydro test for piping loops.