

107199-MEC-145CKUVX-E-2010
Senior Mechanical Piping Engineer

Holds a B. Sc. in Mechanical Power Engineering and has over 9 years hands-on experience working in piping construction.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 18/08/1987
Gender : Male
Marital Status : Married
Residence : Oraby Compound

EDUCATION

: B. Sc. in Mechanical Power Engineering, Higher Technology Institute, 10th of Ramadan City, 2010

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Radiographic interpretation and inspection ASNT level-2 (RT-Detection, 2010).
- : Ultrasonic interpretation and inspection ASNT level-2 (UT-Detection, 2010).
- : Magnetic Particle interpretation and inspection ASNT level-2 (MT-Detection, 2010).
- : Liquid penetrate interpretation and inspection ASNT level-2 (PI-Detection, 2010).
- : Applied Welding Technology ASNT Level I (Egyptian Welding Academy, 2006).
- : Construction & QC activities (Petrojet - Kattamya Branch, 2007).
- : High Electricity Power Station, Mechanical work (Egyptian Electricity Station, 2008).
- : Steel structure construction, fabrication & Installation (DSD Ferrometallic, 2009).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2018 till now
Employer : Egyptian Refinery Company
Project : Hydro-cracking Facility Project - Mostorod
Job title : Sr. Mechanical Piping Engineer (PMC) at DNV GL Egypt
Job Description :

- Monitor contractor piping activities and ensure that Piping construction contractors working within the discipline adhere strictly to the latest approved for project drawings, and project specifications.
- Review revise test packages.
- Make first walk down before test and created Punch items A, B, C.
- Clear punch A with main contractor GS to release package for hydro test.
- Clear punch B to release package to subsystem walk down.
- Hold meeting with the main contractor and subcontractor to put plan to finalize the tasks according to schedule.
- Make subsystem walk down with the commissioning team and instrument team and created subsystem punch list.
- Follow up the main contractor to close the subsystem punch list and verify it to release the system to commissioning and operation team.

Dates : From Apr. 2017 till Jan. 2018
Employer : PETROBEL / ENI SPA JV (through RINA Co.)
Project : ZOHR Development Project (1 phase)
Job title : Lead Mechanical Piping Engineer for ZOHR Development Gas Plant
Job Description :

- Arrange activities with contractor (PETROJET) as per priority.
- Lead team and plan for required activities (pipe rack, foundation and equipment).
- Provide brief daily report to the Construction Manager highlighting any concerns.
- Follow up installation of Package equipment, static and rotating equipment.
- Follow up fabrication & Erection of piping and pipes support.
- Supervision and co-ordination of Pre-commissioning and Commissioning and subsequent hand-over of installations for start-up activities.
- Arrange and prepare for heavy lifting for column tower, vessels and pumps.

Dates : From Jan. 2017 till Mar. 2017
Employer : Orascom Construction
Project : Ammonia & Urea Fertilizer Project - Aswan
Job title : Senior Piping Construction Eng.
Job Description :

- Organizing excavation process of underground piping with civil team.
- Work shop for piping fabrication spool.
- Construction all steel structure pipe racks piping work.

Dates : From Oct. 2016 till Dec. 2016
Employer : INPIEC Construction (Subcontractor)
Project : Beni Suef 4800MW Combined Cycle Power Plant
Job title : Lead Mechanical Piping Construction Eng.
Job Description :

- Piping Team Leader of 1 GT 400MW and Gas Receiving area for piping systems in construction, fabrication, welding & installation activities of project facilities.
- Made reports for the welding activities and spools.
- Made plane for the PWHT to increase the welding activities.
- Prepare modules for lifting inside casing of the boiler.
- Made work shop for pre-fabrication piping and supports.
- Control all material from SIEMENS Co. for installation.
- Made plan for piping activities and divide systems to loops.

Dates : From Jan. 2016 till Oct. 2016
Employer : Orascom Construction
Project : Hydro-cracking Facility Project - Mostorod
Job title : Lead Mechanical Piping Construction Eng.
Job Description :

- Piping Team Leader of area 2 & 3 for piping network in construction, fabrication, welding & installation activities of underground & above ground project facilities.
- Organizing excavation process of underground piping with civil team.
- Above ground piping construction all utility units, Aeration, Equalization.
- Installation of 3 Boilers (A, B, C).

Dates : From Mar. 2015 till Dec. 2015
Employer : Orascom Construction
Project : Assiut Power Plant 8x125MW
Job title : Site Construction Piping Lead Eng.
Job Description :

- Piping team leader of construction, fabrication & installation project activities.
- Response to ensure that all work is completed in respect of budges schedule, quality and HSE requirements.
- Supervision Plant layout/Controlling piping team work with other discipline activities for Conceptual & Detail design work.
- Working on dedicated units for equipment lay-out and Piping general arrangements.
- Coordination within Piping design team & QC team on technical issues.
- Good working knowledge of ANSI/ ASME Code & AutoCAD design procedures.
- Prepare Job method statement & procedure as per Client Specification, Piping standards and Design Instructions dedicated to the projects.
- Review pipe work order with isometrics, pipe support details and material take off.
- Prepare Project Stress analysis & Risk Assessment procedures required.
- Structure platform design experience.

Dates : From Jan. 2011 till Feb. 2015
Employer : ESISCO (Beshay Steel)
Project : Spongy Iron and Steel New Factory
Job title : Site Mechanical Piping Eng.
Job Description :

- New steel factory Construction, Fabrication & Installation of Piping net work, Steel structure & Equipment erection of DRI - Direct Reduction Iron unit facilities.
- Commissioning activities of the biggest Air Separation Plant in the middle East (2* DRGAP 9500- LIQUIFIER).
- Fire Fighting System, Cooling Tower, Heat recovery, Natural gas Station.
- Oxide De-dusting Unit, RO System & Limestone Station.
- Dealing as Site Engineer with foreign supervisors from the other companies at site.

Dates : From May 2010 till Dec. 2010
Employer : Arab Steel Fabrication - El Sewedy Co.
Job title : Site Mechanical Construction Eng.
Job Description :

- Fabrication & Installation Steel structure project facilities.
- Supervision of surface preparation of painting & Hot dip galvanization operation.

Field of experience :

- Senior of piping & Team Leader for construction, fabrication, welding & installation activities of underground & above ground project facilities.
- Co-ordinate with other disciplines and interface with clients on technical issues.
- Supervision Plant layout/Controlling piping team work with other discipline activities for Conceptual & Detail design work
- Construction supervision of fabrication, Fit up, welding process, heat treatment, erection of large & small bore piping network for different operation systems
- Inspection & Quality control of all construction process related to Subcontracts Company
- Manage & supervision qualified team of fabrication & Installation of piping network, pipe support & steel structure.
- Follow up & Reporting construction & Erection process of project facilities progress
- Punch List Coordinator of construction & mechanical project facilities.
- Material Receiving Inspection, dimensional check & Visual Inspection of steel work.
- Execute the drawing supplied & checking (P&ID for piping network)
- QA/QC Surface Preparation, Painting activities & QC test parameters.
- Hot dip galvanization Process control & final Inspection.
- Tender preparation and Cost estimation of project components
- Reporting any variation of contract scope to as built status & Monitor any extra work
- Preparation for hydro-test & pneumatic test for different systems.
- Review final test packages documents with project engineer team.
- Exposed to international safety codes and fully aware of client HSE policies.