

Senior Piping Engineer (construction & pre-commissioning)

Holds a B. Sc. in Mechanical Power Engineering and has over 8 years hands-on experience working in construction and piping at several Power Plants and Oil & Gas Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 09/08/1988
Gender : Male
Marital Status : Married
Residence : Currently UAE

EDUCATION

: B. Sc. in Mechanical Power Engineering, Assiut University, 2013

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: Project Management Professional.
: Introduction to piping design.
: Construction management foundation.
: Construction management health & safety.
: Construction management introduction to lean construction.
: Trainings at:

- Aluminum Industry (Aug./Sep. 2012).
- South Helwan Electricity Production Company - El-Kureimat I Thermal Power Plant (2x650MW).
- Seed Pharmaceutical Company (Aug./Sep. 2010).

: ICDL certificate.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Mar. 2020 till now
Employer : Technicas Reynidas TR - Target

- Project** : Buhasa Integrated Oil Field the biggest ADNOC onshore projects - UAE
- Job title** : Senior Piping Engineer – EPC (O&G)
- Job Description** :
- Implementations and monitoring of all mechanical related works at site as per approved drawings and methods and safety rules.
 - Prepare method of statement and construction plan for all project shutdowns.
 - Prepare PO for consumables and material to support installation as per project scheduled.
 - Collecting and selecting of strong staff and key persons during project mobilization.
 - Assigned as focal point to support mechanical completion of all project phases.
 - Phase 1: shutdown scope (SR. Piping Engineer):
 - CDS Train 1 (1 Aug - 15 Aug):
 - ❖ Allocate of manpower, equipment and other resources before plant shutdowns.
 - ❖ Site survey and verification before pipe installation to avoid pipe clashes and save the shutdown time.
 - ❖ Planning permits to work and following plant pre-shutdown activity (train 1).
 - ❖ Leading site installation for plant train 1 shutdown and reach the target on time.
 - CDS Train 2 (31 Aug - 14 Sep):
 - ❖ Allocate of manpower, equipment and other resources before plant shutdowns.
 - ❖ Planning permits to work and following plant pre-shutdown activity (train 2).
 - ❖ Leading site installation for plant train 2 shutdown and reach the target on 8 days while the planed time was 15 days above scheduled by 40%, BUHASA ADNOC management considered our achievement as a bench mark along the plant history.
 - CDS Train 3 (21 Sep - 3 Oct):
 - ❖ Allocate of manpower, equipment and other resources before plant shutdowns.
 - ❖ Site survey and verification before pipe installation to avoid pipe clashes and save the shutdown time.
 - ❖ Planning permits to work and following plant pre-shutdown activity (train 3).
 - ❖ Leading site installation for plant train 3 shutdown and reach the target on time.
 - CDS Total shutdown (30 Nov - 06 Dec):
 - ❖ Allocate of manpower, equipment and other resources before plant shutdowns.
 - ❖ Site survey and verification before pipe installation to avoid pipe clashes and save the shutdown time.
 - ❖ Planning permits to work and following plant pre-shutdown activity.
 - ❖ Leading site installation for total plant shutdown and reach the target on time.
 - ❖ Attend client meeting.
 - Phase 2: GRE UG piping network fabrication, installation (SR. Piping Engineer):

- Allocate of manpower, equipment and other resources.
- Leading GRE piping fabrication for all project scope CDS, GLCS, PLATs and HUBS.
- Leading site erection and installation.
- Site coordination and follow up the excavation work with the client and contractor to keep moving on the time schedule and avoid any delay.
- Coordination with the project control team and prepare manhours and equipment proposal for all UG extra work.
- Phase 3: GLCS (Area Construction Manager):
 - Allocate of manpower, equipment and other resources.
 - Prepare all MOS, TRA and other documentation required prior to the construction activity.
 - Leading site erection and installation.
 - Site coordination and follow up the excavation work with the client and contractor to keep moving on the time schedule and avoid any delay.
 - Coordination with the planning and project control team and prepare manhours and equipment proposal for mechanical extra work.

Dates : From Apr. 2019 till Feb. 2020

Employer : PGESCo - CEPCo

Project : Cairo West Supercritical Power Plant 1x650MW

Job title : Senior Construction Engineer – PMC (BOP)

Job Description :

- Implementations and monitoring of all mechanical related works at site as per approved drawings and methods and safety rules.
- Piping installation - fabrication and pre-commissioning.
- Perform QA/QC activity (surveillance notes - RFI - walk down inspection).
- Open and close mechanical punch list.
- Plan the execution of all Mechanical related works and coordinate the works to Electrical and civil groups.
- Ensure that all the works done are in accordance with the approved construction drawings, contract documents, project specifications, and all applicable standards whether local, national or international standards.

Dates : From Jul. 2018 till Apr. 2019

Employer : PGESCo - UEPCo

Project : South Helwan Supercritical Power Plant 3x650MW

Job title : Senior Construction Engineer – PMC (Boiler)

Job Description :

- Implementations and monitoring of all mechanical related works at site as per approved drawings and methods and safety rules.
- Piping installation - fabrication and pre-commissioning.
- Perform QA/QC activity (surveillance notes - RFI - walk down inspection).
- Open and close mechanical punch list.
- Plan the execution of all Mechanical related works and coordinate the works to Electrical and civil groups.
- Ensure that all the works done are in accordance with the approved construction drawings, contract documents, project specifications, and all

applicable standards whether local, national or international standards.

Dates : From Sep. 2017 till Jul. 2018
Employer : Siemens - Elsewedy Electric PSP
Project : Beni Suef Combined Cycle Power Plant 4800MW
Job title : Senior Construction Engineer – EPC (BOP)
Job Description :

- Implementations and monitoring of all mechanical related works at site as per approved drawings and methods and safety rules.
- Piping installation - fabrication and pre-commissioning.
- Estimate, prepare and assign the resources such as manpower, materials, consumables, equipment, tools, etc., required for all Mechanical and related works prior to execution.
- Plan and analyze all possible construction methodologies and recommends the best options to the site Manager for approval prior to execution at site.
- Manage directly and provide engineering and technical supports to all the Mechanical work groups at site.
- Plan the execution of all Mechanical related works and coordinates the works to Electrical and civil groups.
- Ensure that all the works done are in accordance with the approved construction drawings, contract documents, project specifications, and all applicable standards whether local, national or international standards.

Dates : From Feb. 2016 till Sep. 2017
Employer : AC Boilers - MEGA
Project : South Helwan Supercritical Power Plant 3x650MW
Job title : Mechanical Construction Manager – EPC (Boiler)
Job Description :

- Steel structure erection and installation:
 - Chose all suitable areas and mark signs for cranes centers in order to lift all frames.
 - Pre-assembly of steel frames and floors.
 - Prepare all site data and method of lifting for steel frames.
 - Check verticality and alignment of steel building.
 - Check tighten torque.
- Pressure part installation and erection:
 - Prepare method of statement.
 - Prepare all site data for lifting boiler water walls and coils.
 - Pre-assembly of water walls and coils.
 - Review all site activity and check manpower enough for each activity or not.
 - Attending construction and weekly meeting with contractor.
- Internal piping installation:
 - Pre-assembly of pipelines.
 - Mark Loops for Hydro test & Carry out / Supervise all relevant testing before c.
 - Ensure the day-to-day activities on site.
 - Informing the Project Manager regarding material status on the site.
 - Hydrotesting and leak test arrangement.
- Plan and analyze all possible construction methodologies and recommend the best options to the site Manager for approval prior to

execution at site.

- Manage directly and provide engineering and technical supports to all the Mechanical work groups at site.
- Plan the execution of all Mechanical related works and coordinates the works to Electrical and civil groups.
- Ensure that all the works done are in accordance with the approved construction drawings, contract documents, project specifications, and all applicable standards whether local, national or international standards.

Dates : From Jan. 2015 till Feb. 2016

Employer : Initec - Kahromika

Project : Suez Thermal Power Plant 1x650MW

Job title : Piping Engineer – EPC (BOP)

Job Description :

- Piping fabrication and Erection / pipe support fabrication and Erection.
- Estimate, prepare and assign the resources such as manpower, materials, consumables, equipment, tools, etc., required for all Mechanical and related works prior to execution.
- Manage directly and provide engineering and technical supports to all the Mechanical work groups at site.
- Plan the execution of all Mechanical related works and coordinates the works to Electrical and civil groups.
- Ensure that all the works done are in accordance with the approved construction drawings, contract documents, project specifications, and all applicable standards whether local, national or international standards.

Dates : From Jul. 2013 till Dec. 2014

Employer : SEPCo III - Kahromika

Project : North Giza Combined Cycle Power Plant 3x750MW

Job title : Piping Engineer – EPC (BOP)

Job Description :

- Piping fabrication and Erection / pipe support fabrication and Erection.
- Estimate, prepare and assign the resources such as manpower, materials, consumables, equipment, tools, etc., required for all Mechanical and related works prior to execution.
- Plan the execution of all Mechanical related works and coordinates the works to Electrical and civil groups.
- Ensure that all the works done are in accordance with the approved construction drawings, contract documents, project specifications, and all applicable standards whether local, national or international standards.

Field of experience :

- Excellent experience at heavy industry installation, shutdowns and pre-commissioning like power plants, water treatment plants and Oil & Gas plants.

- Skills:
 - Power Plant.
 - BOP.
 - Boilers.
 - Piping fab & installation.
 - Oil & Gas.
 - Pumps and fans.
 - Tie in & shutdowns.

- Steel structure.
- Underground Piping.
- Piping mat CS, SS, P11, P12, P22, P91, P92, GRE.
- Career Highlights:
 - BOP (40 %).
 - Boilers (35 %).
 - Tie in & shutdowns (25 %).