

Holds a B. Sc. in Mechanical Power Engineering and has over 11 years of experience in FEED/EPC and construction projects across Oil & Gas, Refinery, Petrochemical, ISTP, IWTP and SWRO industries. Experienced in piping fabrication, erection, installation, testing, punch-list clearance, mechanical completion support and field engineering. Strong knowledge of ASME, ASTM and API codes, with hands-on experience in Carbon Steel, Stainless Steel, GRP and HDPE piping systems.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 08/10/1991
Gender : Male
Marital Status : Married
Residence : Currently KSA

EDUCATION

: B. Sc. in Mechanical Power Engineering, Mansoura University, 2014

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD, PDMS, MS Project, 3D Modelling

TRAINING COURSES AND CERTIFICATIONS

: PMP preparation course.
: Introduction to welding processes (CWB).
: Basic Inspection Methods (CWB).
: Designing Central air conditioning course (HVAC).
: Firefighting system course.
: Plumbing course.
: AutoCAD
: Autodesk Revit
: English Courses (Conversation Intermediate level 3).
: ICDL (Excel, Word, Power Point, ...etc.).

- : Plant and Office training at Rashid Petroleum Company (RASHPETCO) as a Mechanical Equipment Engineer in rotating and static equipment (Aug. 2012).

CHRONOLOGICAL EXPERIENCE RECORD

Dates	: From Aug. 2022 till now
Employer	: SSEM – Saudi Services for Electro-Mechanic Works (Closed Joint Stock Company), KSA
Job title	: Senior Mechanical Piping & Construction Engineer
Job Description	: • RJPH2 – Jubail SWRO Desalination Plant (from Jan. 2024 till now): - Owner/Client: SWCC / Consultant: Pöyry / Location: Jubail, KSA / Plant capacity: 1,000,000 m³/day. - Managing piping fabrication activities for metallic piping (Carbon Steel and Stainless Steel) and non-metallic piping (GRP and HDPE). - Supervising fabrication activities including grinding, fit-up, welding and piping support fabrication. - Providing technical and redesign solutions for field issues such as clashes, mismatches and material shortages. • Expansion of IWTP-8 – Stage 4 (May 2023 – Jan. 2024): - Owner/Client: MARAFIQ / Consultant: ILF / Location: Jubail, KSA. - Managing Stainless Steel fabrication activities at site, including works within the Reactor Building. - Supervising installation of penstocks inside project buildings. - Managing Carbon Steel, Stainless Steel, GRP and HDPE piping fabrication, including grinding, fit-up and welding. - Providing technical solutions for field clashes, mismatches and material shortages. • Jeddah Airport-2 Independent Sewage Treatment Plant (ISTP) (Aug. 2022 – May 2023): - Owner: Saudi Water Partnership Company (SWPC) / Employer: Jeddah Althaniya Water Company / Location: Jeddah, KSA. - Managing Stainless Steel fabrication activities, including works within the SBR Building. - Supervising installation of penstocks inside project buildings. - Managing Carbon Steel, Stainless Steel, GRP and HDPE piping fabrication activities. - Monitoring piping activities for compliance with client requirements, applicable codes, accepted engineering practices and company standards. - Coordinating with engineering and site teams and providing redesign solutions for field clashes, mismatches and material shortages.
Dates	: From Jul. 2021 till Aug. 2022
Employer	: Petrojet
Project	: New Condensate Distillation Unit (CDU-4) (Owner: NASR Petroleum Company (NPC) / Location: Suez, Egypt)
Job title	: Mechanical Piping & Construction Engineer

- Job Description** :
 - Managing piping fabrication and erection activities.
 - Following up test packages, punch-list clearance and reinstatement activities for aboveground and underground piping systems.
- Dates** : From Aug. 2019 till Jul. 2021
- Employer** : Petrojet
- Project** : EGPC – Crude Oil Tank Farm Project (Owner: EGPC / Engineering & Procurement Contractor: ENPPI / Location: Agroud, Suez, Egypt)
- Job title** : Mechanical Piping & Construction Engineer
- Job Description** :
 - Managing piping fabrication and erection activities.
 - Following up test packages, punch-list clearance and reinstatement activities for aboveground, underground and HDPE piping systems.
- Dates** : From Jan. 2017 till Aug. 2019
- Employer** : Petrojet
- Project** : ASORC Naphtha Complex (ISBL) (Owner: ASORC / PMC: WorleyParsons / Engineering & Procurement Contractor: ENPPI / Location: Assiut, Egypt)
- Job title** : Mechanical Piping & Construction Engineer
- Job Description** : Managing piping fabrication and erection activities and following up test packages, punch-list clearance and reinstatement for aboveground piping systems in the CCR area.
- Dates** : From Feb. 2015 till Jan. 2017
- Employer** : ZEDAN Company for Integrated Engineering & Contracting
- Project** : Egyptian Refining Company (ERC), Mostorod (Owner: Egyptian Refining Company (ERC) / PMC: WorleyParsons / Main Contractor: GS E&C / Subcontractors: ENPPI, Orascom, Petrojet / Location: Mostorod, Egypt)
- Job title** : Mechanical Piping & Construction Engineer
- Job Description** :
 - Managing Carbon Steel and Stainless-Steel piping fabrication, including grinding, fit-up and welding.
 - Monitoring piping activities for compliance with client requirements, applicable codes, accepted engineering practices and company standards.
 - Providing redesign solutions for field issues including clashes, mismatches and material shortages.
 - Conducting pre- and post-hydrostatic test walkdowns and following up punch-list clearance to support mechanical completion.
 - Supporting commissioning and operations teams during project completion activities.
 - Preparing and controlling erection status and progress reporting to monitor contractor performance against the project schedule.
 - Maintaining a high level of HSE compliance in accordance with company policy.
- Field of experience** :
 - Piping Fabrication & Erection.
 - Carbon Steel / Stainless Steel / GRP / HDPE.
 - Fit-up, Welding & Supports.
 - Punch-list Clearance & Mechanical Completion.
 - ASME / ASTM / API.

- Procurement / Expediting Coordination.
- Piping Construction & Field Engineering.
- Piping Isometrics & Layouts.
- Test Packages & Reinstatement.
- Field Changes / Redesign Solutions.
- Progress Monitoring & Reporting.
- HSE & Quality Compliance.