

SOLTANE HAKIM

Piping field engineer and engineering

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Date and Place of Birth: 06/10/1993 in MILA National Service: Completed



EDUCATION

2016 – 2019 Master's Degree and Engineer in Materials Engineering, at the Polytechnic School of CONSTANTINE ENPC.

2015 – 2016 Bachelor's Degree in Mechanical Engineering, Energy Option at the University of MENTOURI CONSTANTINE

2013 – 2015 Access Certificate to Higher Engineering Schools, Science and Technology at High school of industrial technologies ANNABA

PROFESSIONAL EXPERIENCE

Field Piping Engineer

HOUD EL HAMRA SONATRACH HEH PROJECT – CONSTRUCTION OF CRUDE OIL PUMPING STATION, SOUTH OF ALGERIA From 2023 to Present

Engineering Design & Planning:

- Review and verify 3D plant arrangement models, isometric drawings, and piping and pipeline installation plans for design accuracy and constructability.
- Ensure alignment between the Material Take-Off (MTO) and Bill of Materials (BOM) for piping and pipeline components.
- Analyze Piping and Instrumentation Diagrams (P&IDs) to ensure compliance with project specifications drawings; datasheets and engineering standards.
- Prepare and review method statements and work procedures for piping pre-fabrication; fabrication and installation.

Material Management:

- Oversee the procurement, inspection, and handling of piping and pipeline materials to ensure quality and specification compliance.
- Manage material tracking and inventory control to prevent shortages or delays in project execution.

Fabrication & Prefabrication Supervision:

- Supervise the prefabrication and fabrication of piping systems, ensuring adherence to design drawings and quality standards.
- Monitor fit-up; welding, cutting, preheating, PHWT; coating; painting; erection and construction of piping components in workshops and on-site.
- Monitor the topographic tracing, excavation, and installation of the pipeline, ensuring proper alignment, trenching, and compliance with safety and design specifications
- Monitor the fabrication of canter

Installation & Construction Oversight:

- Lead and supervise piping and pipeline installation activities, including alignment, welding and coating applications.
- Perform red-marking of drawings to reflect design modifications and as-built updates.
- Resolve on-site technical issues by coordinating with multidisciplinary teams (mechanical, civil, electrical, instrumentation).

Quality Assurance & Control:

- Collaborate with Quality Control (QC) teams to conduct inspections, welding checks, Non-Destructive Testing (NDT),

- Ensure compliance with quality standards, project specifications, and Health, Safety, and Environment (HSE) regulations.

piping engineer

DEP/GCB (SONATRACH subsidiary: Procurement and engineering) From 2022 to 2023:

Technical Documentation & Specifications:

- Prepare technical descriptions for piping systems and manual valves, ensuring compliance with project requirements.
- Develop technical specifications for piping, manual valves, and fittings in line with ASME (B31.3, B16.5, B16.9, B16.36) and ASTM standards.
- Establish pipe thickness calculation notes based on design and code requirements.

Piping Design & Planning:

- Prepare and review arrangement, support implantation, and isometric drawings for piping systems.
- Conduct piping studies, including materials take-off (MTO), and prepare deliverable lists for project tracking.
- Develop and verify piping support layouts and arrangement drawings, ensuring optimal design and alignment.

Procurement & Vendor Management:

- Prepare purchase requisitions for piping materials, manual valves, and fittings, ensuring timely procurement.
- Evaluate technical files from suppliers for manual valves, piping materials, and fittings to ensure quality and compliance.

Stress Analysis & Simulation:

- Utilize CEASAR2 software for plant modeling and piping stress analysis, ensuring the integrity of piping systems.
- Prepare lists of piping support loads from CEASAR2 simulation results and generate piping stress calculation reports.

Project Coordination & Reporting:

- Coordinate with multidisciplinary teams to resolve design and technical issues, ensuring project timelines and specifications are met.
- Monitor progress and ensure compliance with safety, quality, and environmental standards throughout project phases.
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PIPING Administrator

LEAD CONTRACTING & TRADING Ltd /PETROFAC AIN TSILA CPF field development From December 2022 to October 2022:

Main Tasks:

- Establish the site update report: welded joints on site, installed tubes and valves, fixed supports.
- Receipt of PIPING materials from stock to site.
- Establish As-built isometries.
- Prepare Flange management packages.

Certificates /attestation/ languages

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- Arabic: Native Language / French: Oral And Written / English: Upper Intermediate
 - Office Microsoft Word, Excel, Powerpoint.
 - Asme B31.3 Certificate
 - Hexagon Certificate In Caesar Ii Fundamental And Static
 - Autocad Plant 3d Certificate
 - Fiel Piping Engineer Attestation From Zad Engineering
 - ASNT LEVELII certificate in: VT; PT; MT; RT; UT