

CONTACT



Khaled BOUGHELLA

📍 29 compagne debbah street, Bachdjerah, Algiers  
☎ +213799027461  
@ khaled.boughella@gmail.com

OBJECTIVE

As a highly skilled Piping, Mechanical, and Process Engineer with extensive experience in oil and gas projects, I specialize in the engineering, quality control, commissioning, and management of Projects. With a strong background in leading piping processes, mechanical installations, safety protocols, and quality assurance, I bring a results-driven approach to ensuring project integrity, compliance with industry standards, and efficient system execution. My expertise spans across coordinating multidisciplinary engineering teams, resolving technical challenges, and delivering projects safely and on time, making me a valuable asset in both EPC and client environments.

EXPERIENCE

Oct 2023 - Dec 2024



- **Comissioning lead (Process Piping /Pipeline/Mechanical)**  
**Petrofac**  
**Project: NC200 Erwin filed development**
  - Led Process piping commissioning activities, ensuring system integrity and compliance with project specifications.
  - Testing of Mechanical equipment on site.
  - Develop and implementing Commissioning procedures.
  - Ensured proper flange management, torqueing, and gasket installation to prevent leaks.
  - Supervised hydrotesting, leak testing, and functional testing of piping and mechanical systems.
  - Liaising with clients and installation/project engineers.
  - Supervising Commissioning and technical staff.
  - Providing technical support and coordinate with Construction teams.
  - Ensuring safe working conditions.

Jan 2023 - Oct 2023



- **Commissioning Coordinator (Process Piping /Mechanical)**  
**SONATRACH Engineering and Project management**  
**Project: Sonatrach Skikda LNG Terminal**
  - Develop commissioning plans, dividing systems into manageable subsystems for testing.
  - Oversee hydrotesting, leak testing, functional testing, and FAT/SAT for critical equipment.
  - Manage control system testing Loop checking (DCS, PLC) and ensure accurate instrumentation calibration.
  - Performance Verification: Validate equipment performance against process specifications through flow, pressure, and temperature tests.
  - Safety System Testing: Ensure safety systems like ESD and fire/gas detection are functional.
  - Handover: Clear punch lists, finalize documentation, and hand over systems to operations.

Sep 2021 - Dec 2022



- **QC Coordinator (Process Piping /Mechanical)**  
**SONATRACH Engineering and Project management**  
**Project : SONATRACH Skikda LNG Terminal**
  - Reviewing and approving contractors' QC plans, procedures and ITPs.
  - Monitoring and auditing contractor performance to ensure adherence to quality standards and project specifications.
  - Conducting site inspections to verify the quality of materials, equipment, and workmanship.

- Ensuring compliance with regulatory and safety standards.
- Reviewing and approving test results, inspection reports, and quality documentation.
- Raising and resolving non-conformance issues with contractors

Dec 2020 - Jun 2022



- **Engineering leader (Process Piping /Mechanical)**  
**SONATRACH Engineering and Project management**  
**Project: Sonatrach Skikda LNG Terminal**
  - Development, coordination and management of technical and engineering scope through all phases of the project life cycle
  - Management of contractors and consultants in the execution of engineering activities and the timely completion of these activities to protect Company interests
  - Ensure work deliverables are consistent with industry standards and in accordance with international standards and applicable Codes and engineering best practice
  - Responsible for ensuring that all technical requirements are implemented
  - implement procedures, plans and schedules for execution of the engineering work scope associated projects.
  - Interface management across all engineering disciplines to ensure quality of engineering deliverables in accordance with project contractual requirements.
  - Design assurance, quality control, checking and design reviews of all engineering deliverables.

Apr 2019 -Dec 2020



- **Position : Multi disciplinary leader (Mechanical-Piping-Process-Safety).**  
**SONATRACH Engineering and Project management**  
**Project : SONATRACH Skikda LNG Terminal**  
 Leader of 4 disciplines (Mechanical, Piping , Process and Safety) during the three phases of an EPC Project of 04 loading platforms LNG, LPG, Crude and refined product and MTBE.
  - Approve engineering documentation such as specifications, data sheets , drawings and technical studies.
  - Lead multidisciplinary teams in piping, mechanical, and safety engineering disciplines and ensure a successful delivery of project objectives.
  - Oversee and mentor a team of engineers and technical staff, ensuring alignment with project deliverables, timelines, and budgets.
  - Facilitate cross-functional collaboration between piping, process, mechanical, and safety teams, ensuring seamless project execution..

Oct 2017 -Apr 2019



- **Position : Mechanical and Piping Engineer.**  
**SONATRACH Engineering and Construction**  
**Project: SONATRACH Ohanet gas gathering system**  
 Mechanical and Piping engineer leader in a EPC project of Gas gathering system in Ohanet In amenas, south east of Algeria.
  - Review detailed engineering drawings, isometric diagrams, P&IDs, and piping specifications from contractors and vendors.
  - Conduct technical reviews and evaluations of engineering packages, ensuring compliance with project specifications and standards.
  - Ensure all piping and mechanical works meet quality standards, including welding procedures, material quality, and fabrication.

Mai 2015 -Oct 2017



- **Position : Project Engineer**  
**SONATRACH DCG PETROCHEMICAL**  
**Project : SONATRACH linear alkyl benzene LAB**
  - Preparing technical requirements documentation, including specifications, scope of work, and engineering drawings, ensuring alignment with project objectives, industry standards, and regulatory requirements.
  - Conducted thorough bid evaluation and analysis of Bidders proposals, assessing technical capabilities, compliance with specifications, and cost-effectiveness. Made recommendations for Bidders selection based on technical merit and project requirements.

Jul 2014 -Mai 2015

- **Position : Mechanical engineer/workshop manager**  
**Société Nationale de Construction Mecanique SNVI**  
 Starting as a mechanical engineer and promoted to be the manager of four

## EDUCATION

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| 2024 | <ul style="list-style-type: none"><li>• <b>PMI</b><br/>Project Management Professional (PMP)<br/>Ongoing</li></ul>   |
| 2017 | <ul style="list-style-type: none"><li>• <b>Algerian Institute of Petroleum. IAP</b><br/>Mechanical engineer<br/>1st of class</li></ul>   |
| 2015 | <ul style="list-style-type: none"><li>• <b>French Institute of Petroleum IFP</b><br/>Industrial maintenance engineer<br/>1st of Class</li></ul>  |
| 2012 | <ul style="list-style-type: none"><li>• <b>The University of Science and Technology – Houari Boumediene.</b><br/>Master in mechanical engineering, Option : Mechanical Construction.<br/>1st of Class 2012</li></ul> |
| 2010 | <ul style="list-style-type: none"><li>• <b>The University of Science and Technology – Houari Boumediene.</b><br/>Licence in Mechanical engineering.</li></ul>  |
| 2006 | <ul style="list-style-type: none"><li>• <b>Mohamed MENAOU High school</b><br/>Baccalaureate</li></ul>  |

## SKILLS

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- **Technical Proficiency:** Strong knowledge and expertise in mechanical engineering principles, piping design, and relevant software/tools (such as AutoCAD, SolidWorks, CAESAR II).
- **Project Management:** Demonstrated ability to effectively plan, coordinate, and execute projects within budget and schedule constraints. Skilled in managing resources, mitigating risks, and ensuring compliance with project specifications and requirements..
- **International Codes and Standards:** In-depth understanding and practical application of international codes and standards, including ASME, API, ISO, and other industry-specific regulations, ensuring compliance and adherence to quality and safety protocols.
- **Design and Analysis:** Experience in conceptualizing, designing, and analyzing mechanical and piping systems, ensuring efficiency, reliability, and adherence to project requirements. Proficient in performing stress analysis, equipment sizing, and optimization.
- **Problem-solving:** Strong analytical and problem-solving skills, capable of identifying and resolving technical challenges in mechanical and piping systems. Ability to propose innovative and practical solutions to improve system performance and address project-related issues.
- **Team Collaboration:** Excellent interpersonal and communication skills, fostering effective collaboration within multidisciplinary teams. Proven ability to work seamlessly with other engineers, designers, and stakeholders to achieve project objectives.
- **Quality Assurance:** Experience in implementing quality assurance processes, conducting inspections, and ensuring compliance with project specifications, codes, and standards. Attention to detail and commitment to delivering high-quality work.
- **Health, Safety, and Environment (HSE):** Deep understanding of HSE practices and regulations within the oil and gas industry. Dedicated to promoting and maintaining a safe working environment, identifying and mitigating hazards, and adhering to environmental sustainability guidelines.

## PROJECTS

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- **EPCof a Gas Gathering system**  
Company : SONATRACH  
Epc project of a gathering system of 51 gas Well in Ohanet In amenas, south east of Algeria.

- **EPC of the Extension of Skikda Petroleum Port**  
Company : SONATRACH  
EPC project of Four loading platforms in the Petroleum Port of Skikda in the east of Algeria :
  - 1.LNG
  - 2.LPG
  - 3.Oil & refined products
  4. MTBE
- **FEED of Linear Alkyle Benzene LAB**  
Company : SONATRACH  
Preparation of the Technical dossier for a FEED of a Petrochemical projet LAB, in Skikda east of Algeria Which the EPC is scheduled for 2024.

## INTERESTS

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- Travel and Exploration: Demonstrates curiosity and a desire for new experiences, cultural immersion, and the ability to adapt to different environments.
- Volunteer Work: Highlights your commitment to social causes, community involvement, and teamwork.
- Sports and Fitness: Shows discipline, teamwork, and a focus on maintaining a healthy and balanced lifestyle.
- Technology and Innovation: Demonstrates an interest in staying up to date with the latest technological advancements and an ability to adapt to new tools and software.
- Reading and Continuous Learning: Illustrates a commitment to personal and professional growth, staying informed, and acquiring new knowledge.

## LANGUAGES

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- Arabic: read, write, speak
- English: read, write, speak
- French: read, write, speak

## PERSONAL DETAILS

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- Date of Birth : 25/11/1987
- Marital Status : Single
- Nationality : Algerian