

MECHANICAL ENGINEER - M/F**Fr/En**

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ONE SA IS RECRUITING IN CAMEROON

A mechanical engineer who will play a key role in the successful execution of this ambitious iron ore mining project.. The professional will be tasked with a range of responsibilities including designing, planning, and supervising the implementation of mechanical systems and infrastructure in line with the two phase construction and operation of the mining project. Their expertise will be crucial in ensuring the project progresses efficiently and safely, adhering to strict environmental and operational standards.

Key Responsibilities

- Design and develop mechanical systems for the mining project, ensuring they meet project requirements and align with the two-phase development plan.
- Oversee the installation, maintenance, and repair of mechanical systems used in the mining process, including those used in the transportation of iron ore.
- Collaborate with a multidisciplinary team of engineers, geologists, environmental scientists, and other professionals to ensure the effective implementation of mechanical systems for the Mbalam Project.
- Develop and maintain detailed plans and schedules that align with the project's goals and timelines.
- Ensure all mechanical systems adhere to local, state, federal laws, and regulations, as well as international best practices.
- Monitor the performance of mechanical systems continuously, identify potential issues or areas for improvement, and implement solutions to enhance efficiency and safety. This will involve the use of data analysis, predictive modeling, and other advanced analytical tools.
- Create and maintain comprehensive documentation of mechanical activities, including reports, charts, diagrams, and presentations. These documents will serve to inform stakeholders about the progress of the project and provide data for future projects.

Qualifications

- Master's degree in Mechanical Engineering, relevant certification such as a Professional Engineer (PE) would be a plus.
- Significant experience in a mechanical engineering role, ideally within the mining industry.
- Fluency in spoken and written French and English
- In-depth understanding of mechanical systems, processes, and best practices, with a focus on efficiency, safety, and environmental responsibility.
- Familiarity with engineering software and technology, including proficiency in software systems used for mechanical design, planning, and monitoring.
- Exceptional analytical and problem-solving skills. The ability to make data-driven decisions and use predictive analytics to foresee and mitigate potential issues is essential.
- Excellent communication and leadership skills. The ability to communicate effectively with various stakeholders, including vendors, contractors, and internal teams, is crucial. Leadership skills are important for managing teams and coordinating efforts.

FIRST NEVER FOLLOWS

- Ability to work under pressure and meet tight deadlines. The mining industry can be fast-paced and unpredictable, requiring a professional who can manage stress and make sound decisions quickly.

Personal Attributes

- Detail-oriented and highly organized. The role involves managing complex operations and requires a meticulous approach.
- Strong team player with the ability to lead and motivate a team. The mechanical engineer must foster a positive and collaborative work environment.
- High level of integrity and dependability. Transparency, honesty, and reliability are crucial in this role.
- Proactive in identifying issues and implementing solutions. A forward-thinking approach can help prevent problems before they occur.
- Strong customer service mindset. The mechanical engineer should always strive to meet and exceed the expectations of both internal and external stakeholders.

PS : salary and benefits according to profile