

Position: Value Chain Chemical Analyst

The Global Phosphorus Institute (GPI) is seeking a Value Chain Chemical Analyst to be based in Benguerir, Morocco.

About the Global Phosphorus Institute

The Global Phosphorus Institute (GPI) is a global organization with a holistic vision, footprint and participation to ensure responsible use of phosphorus through cutting-edge science and stakeholder dialogue.

Job Description

The Global Phosphorus Institute is seeking a Value Chain Chemical Analyst. The main duties include reviewing diverse sources of technical information related to phosphate mineral and chemical processing, including scientific publications, reports from stakeholders, industry, regulatory agencies, scientific institutions, and others. This information is used to develop informational summaries, documents and recommendations that aid the Global Phosphorus Institute to contribute to development of sustainable use of phosphorus.

Responsibilities

- Process Evaluation: Analyze mineral and chemical processes of raw materials treatment, identifying strengths, weaknesses, and opportunities for improvement.
- Comparative Analysis: Conduct comparative studies of different processes, evaluating their efficiency, environmental impact, and resource utilization.
- Evaluate the quality of products derived from chemical and mineral processes and assess their suitability for specific applications.
- Problem Identification and Resolution: Investigate complex issues related to raw material availability, environmental sustainability, and processes efficiency. Analyze and evaluate innovative solutions to address these challenges.
- Data Analysis: Utilize advanced data analysis techniques to extract meaningful insights from process data, facilitating informed decision-making.
- Environmental Impact Assessment: Assess the environmental impact of mineral and chemical processes, highlighting possible measures to minimize carbon footprint and enhance sustainability.
- Engagement with Partners: Foster relationships with various stakeholders and participate in conferences to represent GPI and gather insights on the latest technological advancements in the field.
- Technology Monitoring: Conduct regular technology reviews to enrich the institute's databases and share pertinent findings with relevant external entities.

Requirement:

- Education: Engineering or master's degree in chemistry or related field.
- Experience: Minimum of 3 years experience in chemical or mineral processing analysis, preferably in an industrial setting. Knowledge of the phosphate industry is considered a strong asset.
- Proficiency in processes analysis tools and techniques.
- Familiarity with environmental regulations and sustainability principles.
- Ability to analyze complex problems, identify root causes, and develop innovative solutions.
- Excellent communication skills, both verbal and written, to effectively convey technical findings and recommendations.
- Excellent skills in research, analysis, and structuring of information.
- In-depth knowledge of mineral and chemical processes analysis tools and methodologies.
- Demonstrated ability to work collaboratively in a multidisciplinary team environment.
- Experience in environmental science, fertilizers or agriculture field is a plus.
- Willingness and ability to travel internationally.
- Excellent English written and oral communication skills, especially to discuss scientific issues related to phosphorus.

The announcement is for a full-time and permanent position, subject to completing a satisfactory probation period and performance. A competitive salary and employee benefits package will be provided.

Qualified candidates should send all application materials in English, including a detailed CV, an application letter, and the email addresses of three professional references to communication@tgpi.org with copy to Houria Khodji (Houria.khodji@tgpi.org), with Value Chain Chemical Analyst position mentioned in the subject line.

The deadline for applications is August 25, 2024. Only pre-selected candidates for the interview will be contacted.