



VACANCY

The vacancy below is now available at Dundee Precious Metals Tsumeb

THE POSITION: **TECHNICAL SPECIALIST – HOT METALS AND ACID PLANT**

The incumbent will report to the **Technical Director** and be accountable for:

ROLE ACCOUNTABILITIES:

- Legal, Safety, Health and Environmental compliance as well as promoting a safety culture in the area of responsibility.
- Analyzing and improving the processes at the Hot Metals section (TSL furnace, Pierce Smith Converters and Sulphuric Acid Plant).
- Trending and monitoring the daily operation of the Ausmelt furnace, Pierce Smith Converters and Sulphuric Acid Plant.
- Optimizing slag chemistry and reactions of the Ausmelt furnace.
- Optimizing the Ausmelt furnace lance operation and critical alarms.
- Trouble shooting and continuously improving the Ausmelt furnace, Pierce Smith Converters and Sulphuric Acid Plant performance.
- Ausmelt furnace integrity measurements and interpretation.
- Pierce Smith Converter integrity measurements and interpretation.
- Sulphuric Acid Plant integrity measurements and interpretation.
- Interpret refractory wear of the furnace and converter linings, tap holes and launders.
- Optimizing the performance of the furnace refractory lining.
- Identifying, initiating and executing continuous improvement projects.
- Monitoring and improving gas cooling activities and off gas system from the Ausmelt and Pierce Smith Converters to the Sulphuric Acid Plant or stacks.
- Metsim/HSC Chemistry modeling of the Ausmelt furnace and Sulphuric Acid Plant.
- Ausmelt furnace and Pierce Smith Converter metal balance and the reduction of recycle streams.
- Developing and maintaining the data capture, storage systems and projects.

- Interpreting the point source emissions and off gas isokinetic sampling results.
- Helping with the orientation, education and training of Operators.
- Providing on-going coaching and feedback to the plant metallurgist and graduates working in the section.
- Employee safety, welfare, wellness and health.
- Handle on-going technical training and change management.
- Be willing to be on Production standby during weekends, public holidays and after hours as per the DPMT smelter standby schedule.
- Executing any legal instruction as given by the Technical Director.
- Work alongside the DPMT Maintenance and Operations management for the identification and planning of the annual shutdown's activities.
- Manage the metal accounting department and improve the metal accounting processes.

QUALIFICATIONS AND EXPERIENCE REQUIRED:

- BSc Degree or Diploma in Chemical or Metallurgical engineering or other relevant qualifications.
- Seven (7) years of experience in Base metal smelting preferably with Top Submerge Lance (TSL) furnaces.
- Smelter and Sulphuric Acid Plant experience will be an advantage.
- In-depth knowledge of copper smelting using Ausmelt, Pierce Smith Converters and Acid Plant.
- In-depth knowledge of metal accounting systems and processes.
- Excellent verbal and written communication skills with the ability to assemble data and provide clear and accurate operational performance reports in both an upward and downward direction.
- Ability to maintain self-discipline within a stressful environment.
- Be diligent and have thorough in approach.
- Be enthusiastic and pro-active.
- Good knowledge of the Microsoft Office Suite.
- The ability to professionally interact with all stakeholders in a multi-cultural environment.
- Must have proven leadership and people management skills, as well as be able to inspire, coach, mentor, develop, and lead multi-disciplinary teams throughout the organization.
- Technical aptitude and be able to understand Process Control challenges and solutions.
- Good professional administrative skills.
- Ability to work accurately under pressure, excellent organizational and communication skills, written and oral.
- Code B driver's license.

All applications meeting the **minimum requirements** must be accompanied by a non-returnable detailed curriculum vitae, certified copies of qualifications and identification documents (ID). Applications should clearly indicate the position being applied for and should be sent as **one PDF attachment**. Applications not adhering to these rules will not be considered.

Only short-listed candidates will be contacted

Please forward applications to:

Human Resources Business Partner: Technical Services and Supply Chain
Dundee Precious Metals Tsumeb
P.O. Box 936, Tsumeb

Or

Email: dpmrecruitment4@dundeeprecious.com

CLOSING DATE: 27 November 2020

Applicants, who are not contacted within two weeks after the closing date, should consider their application unsuccessful.

Dundee Precious Metals Tsumeb is an Equal Opportunity Employer



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