



Job Title: Manager Extractive Metallurgy
Job Number: 3011003
Category: Engineering and Science
Location: Sudbury, Ontario
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Who Are We?

Xstrata Process Support is an independent business within Xstrata providing licensed metallurgical engineering, technology consulting services and expert test work for Xstrata and the global mining industry on a commercial basis. XPS operates four business groups: Process Mineralogy, Extractive Metallurgy, Material Technology and Process Control. Xstrata Process Support based in Sudbury, Ontario, has been in business for over 20 years of which the last five years have been on a commercial platform with a team of 50-60 employees.

Your Opportunity in Extractive Metallurgy!

A rewarding opportunity for an entrepreneurial Manager currently exists in our Extractive Metallurgy Group, which is a team of skilled pyrometallurgists and hydrometallurgists based in Sudbury, Ontario, Canada. We focus on providing support for both the long-term strategic growth and shorter-term plant operational needs of companies requiring expertise in extractive metallurgy. We complement our skills with the knowledge of our XPS partners in the fields of process control, materials technology and process mineralogy.

The group is well equipped to address metallurgical needs through on-site plant support, process modeling and hydrometallurgical and pyrometallurgical test work on both a laboratory and pilot plant scale. Services are offered at a competitive price-to-quality ratio. We can reduce risk and add value to our client's project or operation through:

- On-site plant support for smelters and refineries, e.g. emission abatement strategies (SO₂ etc.), raising throughput capacity, impurity tolerance levels and improving product/metal quality, refractory performance, metallurgical audits, benchmarking, and de-bottlenecking.
- Laboratory and/or pilot scale test work incorporating atmospheric or pressure leaching, fluid bed roasting or smelting, and associated unit operations, to recover base metals from sulphide or oxide ores.
- Flow sheet and process design criteria development for new projects or plant expansions.
- Process simulation/modeling for new or existing metallurgical plants, using Factsage®, Metsim®, ARENA®, COMSOL® for venture style analysis studies for business/custom feed opportunities.



Responsibilities & Accountabilities

The primary functions of the *Manager* are to:

- Develop and grow the Extractive Metallurgy business and its employees
- Market the existing Extractive Metallurgy consulting and metallurgical testing services together with the Principal consultants to clients
- Develop a new markets and/or new products for Xstrata Process Support
- Manage, supervise and execute overall business administration of the group in terms of sustaining standards for project proposal writing, project schedules, quality test work and/or consulting
- Promoting and sustaining company safety standards
- Provide and develop specialized knowledge and expertise for our clients and share his/her existing knowledge with the team (educate and mentor)
- The incumbent ought to envision himself as a business manager with a technical background. S/he will focus on people and business management and personal marketable technical/consulting expertise.
- Familiarity with engineering services or laboratory management is preferred.

The Manager works closely with the Director of XPS and the other Technical Group Managers. S/he will be responsible for the human resources, business administration and marketing aspects of our competitive products in a global business environment. The incumbent develops and executes the Extractive Metallurgy business plan which currently focuses on both metallurgical testing and operations plant support. In this role you are the lead business contact to Operations and EPCM companies and you guide the project owner in developing a business scope. A working knowledge of extractive metallurgy (pyro- and/or hydrometallurgy) is preferred.

Education/Experience/Skills

The ideal candidate will possess:

- A degree in metallurgical, chemical engineering or related degree and/or related experience
- A minimum of 12 years of relevant work experience
- Strong project management skills and the ability to thrive in a dynamic team
- An acute business sense and entrepreneurial spirit
- Strong knowledge of MS Office Suite or equivalent products
- Excellent verbal and written communication skills
- Proven time management skills and strong attention to human resources

Benefits

XPS offers a dynamic team culture, and a competitive remuneration package based on experience and education. In addition, XPS employees enjoy a wide range of excellent benefits, including flexible medical, dental and vision plans, compulsory short and long term disability with life insurance, fitness subsidy and variable compensation incentives.

To apply for this position please visit: www.xstrata.com/careers Technology Group



We thank all applicants in advance. Only those selected for an interview will be contacted.

Xstrata is a major global diversified mining group, listed on the London and Swiss stock exchanges. Headquartered in Zug, Switzerland, Xstrata maintains a meaningful position in seven major international commodity markets: copper, coking coal, thermal coal, ferrochrome, nickel, vanadium and zinc, with recycling facilities, additional exposures to gold, lead and silver and a suite of global technologies, many of which are industry leaders. The Group's operations and projects span 18 countries: Argentina, Australia, Brazil, Canada, Chile, Columbia, the Dominican Republic, Germany, Jamaica, New Caledonia, Norway, Papua New Guinea, Peru, South Africa, Spain, Tanzania, the USA and the UK.