



**FIRST QUANTUM**  
MINERALS LTD.

**JOB SPECIFICATION**

<b>Submitted by</b>	Anthony Mukutuma		
<b>Job Title:</b>	Process Automation Engineer/Metallurgist		
<b>Level:</b>	Engineer/Metallurgist		
<b>Country:</b>	Finland		
<b>Operation:</b>	FQM Kevitsa Mining Oy		
<b>Department:</b>	Process		
<b>Reports to:</b>	Chief Metallurgist		
<b>Salary (annual):</b>	Currency:	From:	To:
<b>Number of vacancies:</b>	2		
<b>Overview of the role:</b>	Provide Operational and Metallurgical support to ensure optimum process plant performance as part of the process technical team headed by the Chief Metallurgist.		
<b>Responsibilities:</b>	<ul style="list-style-type: none"> <li>• Ensure that Safety protocols and Operating Procedures are followed;</li> <li>• Maintain the process control system and act as liaison between process/production, maintenance personnel and suppliers;</li> <li>• Evaluate process automation performance and manage calibration of all automation equipment;</li> <li>• Schedule maintenance of all plant automation equipment;</li> <li>• Provide automation related technical support and training on process unit operations on a daily basis to operations personnel to ensure full utilization of automation.</li> <li>• Review state and level of process automation against industry standards or state-of-the art control systems and perform capital appraisals based on cost-benefit analysis to justify upgrades or new installation;</li> <li>• Identify and initiate development opportunities for improved operability, efficiency or reengineering of process automation;</li> <li>• Report on plant activities and performance indicators;</li> </ul>		
<b>Qualifications:</b>	Tertiary qualification in Metallurgy/Mineral Processing/Chemical Engineering.		
<b>Experience:</b>	A minimum of 2 years' experience in process control preferably in mining metallurgical process operations or R&D.		
<b>Personal characteristics:</b>	<ul style="list-style-type: none"> <li>• Strong understanding of metallurgical process improvement and control strategies for large-scale, continuous operating mineral processing plants;</li> <li>• Good analytical skills and ability to provide automation solutions;</li> <li>• Excellent verbal and written communication skills to facilitate accurate communication of concepts and training.</li> <li>• Familiarity with EU workplace health and safety and environmental procedures and legislation policies for large scale mining operations.</li> </ul>		
<b>FOR OFFICE USE</b>			
<b>Residency</b>	Residential:	X	Non-residential:
<b>Type of position</b>	Existing:	X	New:
<b>Duration of contract</b>			

To be approved by (1)	
To be approved by (2)	

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