

TANTALUM NIOBIUM CAPABILITY STATEMENT

Engineers and Project Managers that can take your
project to the next level

TANTALUM NIOBIUM PROCESSING A WEALTH OF MINERAL PROCESSING EXPERTISE

Tantalum and niobium are transitional metals with similar physical and chemical properties, and are thus commonly grouped together. Tantalum and niobium do not occur naturally as free metals, and are mostly found as components in various oxide minerals such as columbite, tantalite and pyrochlore. Ores containing these minerals are typically beneficiated to produce a tantalum or niobium concentrate, which may include:

- Crushing
- Grinding
- Gravity separation
- Magnetic separation
- Flotation

Despite the geochemical similarities of tantalum and niobium, different processing routes are required to refine the concentrates into their respective products.

RANGE OF CAPABILITIES A WIDE RANGE OF TANTALUM NIOBIUM PROCESSING SERVICES

Metallurgical testplans	Vendor evaluation
Project management	Project implementation
Metallurgical summary reports	Engineering studies
Flowsheets	Environmental studies
Mass balances	Process description / equipment lists
P&ID's	Detailed design

MAJOR TANTALUM NIOBIUM PROJECTS PROJECT EXPERIENCE

METS has worked on numerous tantalum and niobium projects including:

- Motzfeldt Project
- Green Broner
- Wodgina

MINERAL PROCESSING COURSE SHARING OUR KNOWLEDGE

We offer a course that gives participants in-depth knowledge of the broader aspects of mineral processing. A wide range of topics is covered and participants will gain an understanding of the fundamental unit processes, equipment and flowsheets as well as physical and chemical mineral processing principles.



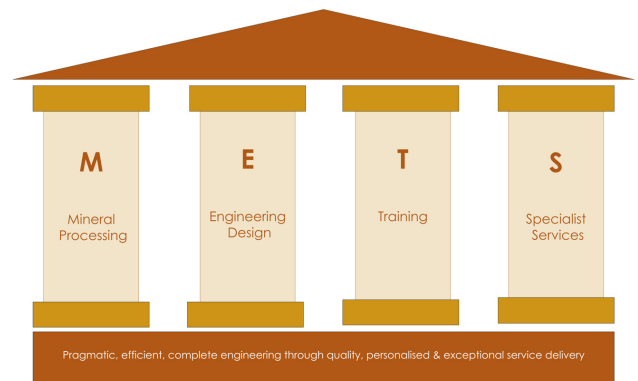


ABOUT METS

METS Engineering Group Pty Ltd is an independent specialist consulting group providing services to the global mining industry. Our professional staff are available to help on any job in Australia and overseas.

Since 1988, METS has established itself as a quality service provider. METS is aptly skilled to provide comprehensive services to the mining industry in mineral processing, engineering design, training and specialist services.

Our core business is founded in establishing long-term relationships with our clients enabling us to draw upon our historical knowledge of specific project operation to derive the best possible outcomes. Our core purpose is to make economic resource projects more robust and to make robust projects realise their full potential.



GET IN TOUCH

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