



PROCESS ENGINEERING

Independent Metallurgical Operations Pty Ltd (IMO) has extensive Process Engineering experience. This includes significant expertise in study management of all disciplines across multiple commodities.

Our scope of services ranges from geometallurgical sample selection, ore characterisation and mineralogy, through to management of metallurgical testwork, process aspects of scoping and feasibility studies and client representation through engineering and final plant commissioning, ramp up and optimisation.



PROJECT	CLIENT	OUR WORK
Doolgunna Copper Project, Western Australia	Sandfire Resources NL	Completion of the metallurgical component of the PFS and scoping studies. Delivered process flow diagrams and process design criteria. Study deliverables including capital and operating costs.
Dargues Reef, New South Wales	Cortona Resources / Unity	Complete metallurgical development from initial sampling through to process plant DFS engineering. Client representation for engineer selection and stakeholder management
Hemerdon Project, United Kingdom	Wolf Minerals	Completion of a 20 tonne Tin/Tungsten pilot for DFS confirmation. Further provision of client representation into engineering and design.
Etango Uranium Project, Namibia	Bannerman Resources	Sighter test work, pre-feasibility testwork program, project support for flowsheet through to DFS level for Uranium acid heap and agitated tank leach flowsheet options.
Castle Hill, Western Australia	Phoenix Gold	Complete metallurgical development in support of the BFS. Management of variability testwork. Completion of heap leach amenability studies.
Raub Tailings, Malaysia	Raub Australian Gold Mine	Assistance with conceptual design, flowsheet development, project management, fabrication and construction, commissioning and optimisation of a 1 Mtpa tailings retreatment project.
Toms Gully Tailings Project, Northern Territory	Kakadu Resources	Detail design, equipment specification and selection and commissioning of a gold tailings retreatment facility, utilising equipment from Toms Gully and White Range gold treatment plants.
Nickel Laterite, Western Australia	Vale	Designed, constructed and commissioned a column leach testwork facility.
Lake Maitland, Western Australia	Mega Uranium	Sighter testwork, flowsheet development, scoping study, PFS, DFS testwork and process design management and review of several processing options
Lake Way, Western Australia	Toro Energy	SysCAD flowsheet modelling and 3rd party review

▶ Please contact us for more details on how we can provide you with assistance and support to your project.

www.indmetops.com.au

IMO Consulting & Operations

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PROCESS ENGINEERING (continued)

PROJECT	CLIENT	OUR WORK
Batu Hijau Process Plant Expansion, Indonesia	Amman Mineral Nusa Tenggara	Peer Review of the Batu Hijau Process Plant Expansion Feed Study. This included assessing whether the level of process engineering completed being sufficient to facilitate preparation of the detailed design and engineering, needed to tender and for construction.
Graphite Electrochemical Purification project, WA	Confidential	Novel commercial equipment design developed through metallurgical testwork. Completion of scoping study including process plant layout, mass balance, capital (including building) and operating costs.

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