



MAGNETITE

Independent Metallurgical Operations Pty Ltd (IMO) has extensive experience in the development of process flowsheets for magnetite deposits. Our team has proven capability in the design and management of testwork programs, project development and review, blend optimisation and operations throughout Australia and worldwide.

Our scope of services ranges from sample selection, ore characterisation and mineralogy, through to management of testwork, due diligence, scoping and feasibility studies and client representation onto plant commissioning, ramp up and process plant optimisation.



PROJECT	CLIENT	OUR WORK
Mount Bevan Project, Western Australia	Atlas Iron	Metallurgical testwork (comminution, variability (LIMS), bulk flotation) and testwork management and interpretation.
Yerecoin Magnetite Project, Western Australia	Burley Minerals	Magnetite Scoping Study Review (historical testwork programs and studies) identifying knowledge gaps and fatal flaws. Integration and recommendation of updated testwork program to support the prefeasibility study for the project.
Sydvaranger, Norway	Northern Iron	Provision of contract Metallurgical Superintendent to fast-track ramp up, de-bottlenecking and project improvement activities.
Savage River, South Australia	Grange Resources	Due diligence review and development magnetite pumping and pelletisation studies.
Karara, Western Australia	Gindalbie Metals	Due diligence study including later provision of metallurgists for on-site commissioning.
Amazon Bay, PNG	MIL Resources Ltd	Management of the project through to completion of the pre-feasibility study. Including testwork management, flowsheet design and Capital and Operating cost models.
Razorback Ridge, South Australia	Royal Resources	Due diligence study including capital and operating cost estimates for processing facilities, associated infrastructure, transport network and port facilities.
Mayoko Iron Ore Project, Congo	DMC Mining	Developed JORC compliant assay procedures including Davis Tube and Satmagan resource characterisation in addition to hematite and magnetite beneficiation testwork.
Karelsky Okatysh, Russia	Severstal	Process study including testwork design and management including development of novel magnetite concentrator loss reduction options.
Jala Abad Project, Iran	Mobin Mining and Construction Co.	PFS testwork development, testwork design, management and reporting.
Mixed Hematite/Magnetite	Confidential Client	Review, reporting, testwork design and scoping, management for lump and fines jig beneficiation pilot, client representation, BFS reporting.
Magnetite Beneficiation & Pellet Plant Study	Confidential Client	Study management services covering capital and operating cost estimation and transport study development.

▶ 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

Independent Metallurgical Operations Pty Ltd
 88 Thomas Street, West Perth, Western Australia, 6005
 Phone: +61 8 9254 6900 Fax: +61 8 9322 1808
 Email: imo@indmetops.com.au



MAGNETITE continued

PROJECT	CLIENT	OUR WORK
Titanomagnetite Project	B&F Consolidated Group	Independent review of testwork from two separate feed stocks: a low-grade Titanomagnetite material & Vanadiferous Titanomagnetite tailings. Establishment of potential flowsheet options in processing this material.
Confidential Project	Cube Consulting	Technical due diligence assessment of magnetite scoping study, including assessment of testwork and existing beneficiation options and gap analysis.

► 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

Independent Metallurgical Operations Pty Ltd
88 Thomas Street, West Perth, Western Australia, 6005
Phone: +61 8 9254 6900 Fax: +61 8 9322 1808
Email: imo@indmetops.com.au