



Brockman 4 MEM Workshop Expansion

CLIENT:

Rio Tinto

LOCATION:

West Pilbara, WA

CONTRACT:

Construct Only

CONTRACT VALUE:

\$81.2m

PROJECT DURATION:

Feb 2026 - Apr 2027

Decmil has been engaged to deliver the Brockman 4 MEM Workshop Non-Process Infrastructure (NPI) Facilities expansion for Rio Tinto at the Greater Brockman Operation (GBO) Brockman 4 Mine area in Western Australia. This expansion project supports Rio Tinto's growing operational mine fleet and evolving maintenance requirements at their Mobile Equipment Maintenance (MEM) precinct. Decmil's scope of work encompasses the supply and construction of HME Workshop 2 and Bulk Lube Storage 2, providing critical infrastructure to support the mine's heavy mobile equipment maintenance operations.

MEM WORKSHOP AND ADMINISTRATION BUILDING

The works include the supply, fabrication, and erection of structural steel frames complete with purlins and girts, followed by the installation of roof and wall cladding systems to form the building envelope.

All concrete foundations, footings, and fibre-reinforced ground slabs will be constructed to support the structural and operational requirements of the facility. The overhead gantry crane will be supplied and installed complete with crane rails, support beams, and all associated accessories.

A trench flushing system with collection sump will be installed to manage workshop floor drainage. The internal fit-out encompasses administration areas, workshop bays, and amenities, with fall arrest anchors and safety systems installed throughout to ensure safe access and egress.

Project Data Sheet

BULK LUBRICATION FACILITY

The works include the supply and installation of bulk storage tanks on concrete plinths and factory-assembled lubrication dispensing racks (FAT tested). All piping, pump skids, high-pressure hose connections, and low/high-pressure grease reticulation systems will be installed, along with ancillary services including compressed air and potable water supply to the dispensing racks.

Structural steel supports, walkways, stairs, and platforms will provide safe access to all equipment. Dual-skinned vacuum sealed pipework with access pits will be installed at road crossings.

OIL WATER TREATMENT FACILITY

The works include supply and installation of a plate separator system with drive-in silt trap, collection sump, and low shear transfer pumps. Treated water will be stored in a dust suppression hold tank and distributed via a water cart fill station with all associated pipework and connections.

POTABLE WATER TREATMENT FACILITY

The works include installation of potable water treatment equipment with connections to existing supply systems and distribution pipework to facility tie-in points.

All works to be executed in accordance with Rio Tinto specifications, Australian Standards, and approved design documentation, including FAT, SAT, commissioning to performance verification, and provision of as-built documentation.

Non-Process Infrastructure



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