Project Profile

Scrap Rail Reclamation

Client	Pilbara Iron - a member of the Rio Tinto Group
Location	Pilbara, Western Australia
Duration	2004 - Current
Contract	Scrap rail reclamation and contract services
Cost	Ongoing contract

Project Overview

McMahon Services has delivered scrap reclamation and contract services in the Pilbara region of Western Australia for over 12 years through our business unit Metalcom.

Specifically for Pilbara Iron, a member of the Rio Tinto Group, McMahon Services has held the total scrap reclamation contract for the entire Pilbara Iron rail network including the Deepdale, Brockman, Tom Price, Paraburdoo, West Angelas and Yandicoogina rail lines.

As part of this contract McMahon Services recover and process approximately 20,000 to 30,000 tonnes of obsolete rail per annum. In addition, we recover additional scrap metal waste such as swarf from machine shops, redundant ore cars and operate general scrap metal bins for ferrous and non-ferrous metals at various mine site locations.

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McMahon Services have a large facility in Karratha where we process and prepare scrap metal for export sale including all logistics associated with export to overseas buyers. ur highly experienced rail crew is supported by a fleet of modern and innovative plant and equipment that includes purpose built excavator attachments for processing rail. With a safety focused approach, our commitment to the latest technology ensures reduced manual handling and increased operator safety.

Innovative Rail Breaking Technology:

The Embery Rail Breaker has been purpose built for McMahon Services and has been tested to handle rail sizes up to 68kg and is able to process rail at the scrap horizon (railway corridor). Further benefits of the Embery Rail Breaker include:

- Flexibility – the attachment can be used on various excavators
- Efficiency – processes the rail quicker than previous methods
- Safety – eliminates fire hazards and need for manual oxy/acetylene cutting, increases operator safety

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