

Roy Hill Samsung Capital Works



Decmil was engaged to provide brownfields sustaining capital and maintenance works at the Roy Hill Mine Site. Since December 2015, Decmil have successfully performed multiple shutdowns with manning levels ranging from 50 to 150 personnel. Throughout this time, we have delivered the following scopes of work:

- **Modifications to conveyor idler locations on reclaimer boom conveyor to improve the ore profile:** The Decmil team fabricated and installed shim plates to rectify the incorrect angle of the idlers on the boom conveyor. This eliminated the gap between the belt and conveyor skirt where material was falling off the belt.
- **Repair leaking grease lines to mechanical equipment site wide – fixed stackers, mobile stackers and reclaimer:** Works involved the inspection and testing of grease lines and subsequent rectification works including the replacement of damaged hoses, installation of new compression fittings, re-tensioning and other maintenance activities.
- **Modifications to rock boxes within chutes and install wear liners**
- **Modifications to new spray bars on fines screens**
- **Modifications to chute liners to improve flow characteristics of ore onto screens:** The Wet Scrubber fines screens the product and was leaving the head chute and not evenly distributing. Decmil trialed different wear plate designs in the chute with the objective of getting even distribution of ore across the screen.
- **Strengthening of crusher bin**
- **Modifications to sample gates within chutes to improve performance:** To eliminate the sample chutes filling with water from the carry back and water from the head chute sprays are running down the Matrox lining, and then returning back down the rear chute, our team increased the overhang of the top matrix liner to ~120mm, which also required the cutter to be notched on both sides. These works involved our scaffolding, boilermakers who worked in confined space works to deliver the scope of works.



CLIENT

Samsung C&T

LOCATION

Pilbara, WA

CONTRACT

Construct Only

CONTRACT VALUE

\$9 million

START DATE

May 2016

COMPLETION

August 2017