



Draglines 34 and 35 Maintenance Shutdown

CAVAL RIDGE MINE, QUEENSLAND

PROJECT OVERVIEW

CLIENT: BHP Mitsubishi Alliance (BMA)
DURATION: Oct 2013 - Nov 2013
ENVIRONMENT: Brownfield Shutdown

G&S Engineering undertook shutdowns of two machines DRE34 and DRE35 onsite at Caval Ridge in late 2013. The scope of works included:

- Replacement of the hoist and draft ropes;
- Cleaning and NDT of the boom;
- Clean and tensioning of the rack segments;
- Swing gear case repairs;
- Installation of an air isolation panel system;
- Installation of a new auxiliary crane;
- Replacement of all hoist and propel motors; and
- A complete painting and re-branding of the machines.

The electrical works completed includes the installation of a new MG set, installation of new CD cableways, and armature cable installation.

PROJECT HIGHLIGHTS

This was the first project of its kind under an arrangement placing G&S in the position of a Coal Mine Operator (CMO). As the CMO G&S is responsible under the relevant legislative regime for the area of the project and all works conducted. The project was completed under schedule and under budget.



SAFETY IS OUR FIRST CONSIDERATION