



# Dragline 5 Major Maintenance Shutdown

DAWSON MINE, QUEENSLAND

## PROJECT OVERVIEW

**CLIENT:** Anglo American Coal  
**DATE:** 2010  
**MAN HOURS:** 145,706  
**ENVIRONMENT:** Brownfield Shutdown

G&S was engaged to undertake a major maintenance shutdown on Dragline 5 at Anglo Coal's Dawson Mine.

Key scope of works included:

- Overhauls on the swing motor and drag motor, drag intermediate gear, propel, and synchronous motors no.1 and no. 3;
- Removal and installation of new PCR and tub;
- Tub crack repairs;
- Boom lower and raise;
- Boom chord and lacing replacement;
- Tri -structure chord and lacing replacement;
- Machining of lower rail path and hook rail;
- Fit inner row of tub wear plates
- Install new armature cables;
- Tram upper rail;
- Drill upper rail clearance bolt holes;
- Fit inner row of tub wear plates;
- Remove and install new house crane beam LHS;
- Tow tub into position;
- Remove skates and lower to ground; and
- Modifications to boom bridle platform.



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