

**Project Name:**

EXD53 Major Outage

**Client:**

BHP OS (BMA Owned Asset)

**Site & Date:**

Goonyella Riverside, February 2025

**Machine/Equipment:**

Caterpillar 6040BH

FMS was engaged to deliver planning and shutdown execution services for a planned major outage on a CAT6040 Hydraulic Excavator (EXD53) at BMA's Goonyella Riverside Mine.

**Project Snapshot**

FMS executed and delivered a safe outage despite unforeseen challenges that were encountered throughout the outage duration:

- Inclement weather caused a 60+ hour duration delay
- Additional work was identified during the initial execution phase
- The weather delays and scope growth presented a challenge that was managed through additional labour supply and adjustment to original critical path.

**PROJECT SNAPSHOT**

Our Team

**30 people**

Man Hours Worked

**2, 071 hours**

FMS Group Project Value

**\$320,000**

Safety

**zero  
incidents/  
accidents**



## THE BEST APPROACH

- Inclement weather saw the delay of the outage start by 48 hours. Re-coordination of the shutdown team re-positioned the outage team for a delayed start.
- Poor wash conditions saw the outage complete an additional wash for 12 hours to get machine back to suitable standard for outage execution.
- Additional scope growth after machine was washed found an increase in structural, hydraulic and engine defects that were included in the critical path.
- Adjustment to critical path plan was completed and agreed upon with client to ensure delivery of machine occurred in line with planned hand-back.

## PROJECT CHALLENGES and THE BEST RESULT

- Despite conditions, safety and quality standards were not compromised.
- Additional scope growth and health check ensured client received machine back in best possible standards.
- Critical path reviewed and adjusted to ensure machine delivered back in time and in line with budget.



**Delivering the Best  
to keep your mine running.**

To find out how FMS can achieve a result like this for your mine, contact us.

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