

Project Name:

Coppabella SE02 De-Deck Shutdown

Client:

Peabody

Site & Date:

Coppabella, July to August 2024

Machine/Equipment:

P&H 4100XPC-AC Shovel

FMS were engaged as the principal contractor for project management, machine jacking, major mechanical, machining, structural and electrical works on SE02.

Project Snapshot:

Scheduled maintenance on this shovel included machine jacking and engineering studies by Safety Lift Solutions (a division of FMS Group) and offsite overhauls for the carbody, track frames, crowd motor base and saddle blocks completed in the Mackay FMS Workshop. All teams worked together to ensure the scope was completed effectively, managing interactions efficiently and safely. Safety was maintained at a high level from project set-up and mobilization. Constant field leadership was conducted throughout the shutdown.

PROJECT SNAPSHOT

Our Team

FMS Projects

Boilermakers, Fitters, Electricians, Riggers, Machinists, Trade Assistant's, Painters and Cleaners.

Man Hours Worked

20, 424 hours

Safety

zero incidents/ accidents



THE BEST APPROACH

Prior to the shutdown commencing, the correlation and review of work instruction was undertaken which led to an overall high quality of work instructions for the crew to utilize. This was pivotal in the success and efficiency of the shutdown with the crew being self-reliant on the signing off process. Throughout the shutdown as components were stripped, assessed and replaced, QA was extensively undertaken to assess the integrity of the componentry prior to reinstallation. This QA led to finding that additional bore reclamation was required to further increase the longevity and reliability of the overhauled machine.

PROJECT CHALLENGES and THE BEST RESULT

- Completed several additional items of work onsite within the timeframe inclusive of agreed EOTs.
- Crack repairs conducted on-site totaling 70,460mm, which was 53,460mm over the original scope of works.
- Crack repairs conducted off-site totaling 86,853mm, which was 49,853mm over the original scope of works.
- The FMS team worked closely and collaboratively with the NDT technicians which greatly helped with the understanding and use of labour for completing all crack repairs on the shutdown.
- Utilising key personnel from across all divisions of the business highlights the strength of FMS Group.



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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