

Significant Incident Alert

Type of Incident	Significant Structural Failure
Key Issues	0343TM01 Gundagai Thickener feed well, drive shaft and rake arms damaged during un-bogging activities
SAP Incident No	Incident ID 101699
Date & Time	Wednesday 19 th October, 2022 @ 09.40am
Location	0343TM01 Gundagai Thickener
Injury	Nil

DESCRIPTION

On 19th October 2022 at around 09.40am, the feed well, drive shaft and rake arms were damaged during un-bogging activities.

High-pressure hosing around the thickener walls caused large slumps of CuCon to slide towards the centre of the thickener dragging/pulling one of the rake arms and shaft sideways which also impacted the feed well. This resulted in damage to the feed well, the drive shaft and the rake arms.



LESSONS

- ❑ Controlled shutdown of various equipment during a TPS/TPO is needed, however correct labelling of electrical switching is required to be double checked and run through with competent and trained personnel.
- ❑ Having a SWP to manage online thickeners during TPO/TPS will control the steps required during this critical task and protect vital equipment.
- ❑ Risk assessment of the hose-out activities on bogged thickeners to take into consideration solidity of mass.

ACTIONS

- ❑ Review of Electrical Manning during TPO/TPS shutdowns.
- ❑ Operations to develop a SWP to manage thickeners during TPO/TPS activities.
- ❑ Review SWP for Thickener Hose-out to improve controls around bogged thickeners.
- ❑ Install bed mass pressure unit for 343TM01.

Greg Moore

General Manager Processing

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Processing	Approved	26/11/2022	Business Confidential