



Potential Fatal Event: SAG Conveyor Holdback Failure

Preliminary Incident Details

Operation	Chino Mill
Date / Time	September 3, 2023 / 6:30 p.m.
Type	Injury
Summary	A conveyor in the SAG ball mill went down two days after the replacement of a holdback device. While troubleshooting, it was discovered the pullcord bottle was damaged. An electrician repaired it and was waiting for the restart of the mill on the same deck as a conveyor head pulley. When operations restarted, the holdback device failed, and the torque arm swung upwards in the opposite direction of its normal operation. The electrician was struck in the arm and sustained a lost-time injury.
Fatal Risk	Uncontrolled Release of Energy
Risk Category	High
Pre / Post Rating	Actionable
Findings / Missing Controls	<ul style="list-style-type: none"> The holdback replacement part was different than the original part (i.e., size, torque rating) Vendor recommended storage protocol was not followed (i.e., add oil, rotate every two months)
Applicable Policies / Procedures	<ul style="list-style-type: none"> N/A
Employee Condition	Lost-time Injury
Contact	Sean Maddock, Superintendent-Mill Maintenance

Photos / Links



Employee location and direction of travel of the holdback device



Sheared retaining bolts



Mounting plate failure



Internal failure