

Challenge Identification

To eliminate uncrushables

Area	Crushing and Belts
Problem Description	<p>Entry of uncrushable elements occurs in the area. When these elements reach the crusher, they cause unscheduled shutdowns and exposure to risks during their manual removal, affecting operational continuity, equipment integrity and people’s safety. A solution is required that can integrate into existing uncrushable identification technologies to remove these foreign bodies online without stopping the operation, minimizing human intervention and increasing safety and availability standards.</p>



Expected Results

To improve operational continuity and the safety of exposed personnel (up to 650 hours of exposure to risks were observed in the past year)



Scope

To change the strategy | Standarized work | To minimize total cost ownership