



MINING



ASSET INTEGRITY



MAINTENANCE OPTIMIZATION

The mining industry faces numerous challenges, including maintaining worker safety, complying with environmental regulations, maximizing productivity, and often dealing with challenging geological conditions.

IN THIS CONTEXT, INSPECTIONS ARE ESSENTIAL TO :

- + Increase the reliability of assets.
- + Heavy machinery undergoes high levels of stress and wear, making inspections necessary to avoid failures.
- + Early detection of potential problems before they become major issues allows for proactive measures to be taken, reducing the risk of accidents and costly repairs.

SUCCESS STORY

A client in the mining industry was experiencing frequent equipment failures and long downtime due to worn-out parts in its ball mill. To address this issue, an inspection of the ball mill was performed, which revealed that the trunnion was corroded in certain areas. Instead of a full replacement, the client opted for a localized repair to address the issue.

Further inspections of the gears and other critical parts of the ball mill were also conducted, identifying several cracks and signs of wear not visible to the eye. These complementary solutions allowed the client to better plan for maintenance and replacements, ultimately saving them time and money by avoiding costly repairs and preventing future downtime.

