

03 | Case study

Work Execution Review (Mine and Plant Operations)

Business opportunity

An important Copper Mining operation finalised a project to improve and optimise the maintenance strategy for all its equipment. The next step is to transform these improvements into reality, particularly in reliance parameters. For these purposes, it is necessary to review and improve the execution of maintenance tasks described in the programs, starting with the Ultra-class trucks and Concentrator plant.

Solution

- › Analyse the quality of execution of maintenance activities, starting with reviewing inactivity times for critical equipment.
- › Use the results of the analysis (work procedures, KPIs, parts management, etc) to propose an improvement plan for the activities.
- › Provide mentoring during the transformation phase, at which time the proposed improvement plan will be applied.
- › An analysis of the concentrator plant and mine was undertaken.

Results

- › In terms of new work orders per month, there was an 11% improvement in trucks and 18% in concentrator plants.
- › The average time lapsing between failures increased by 43% in trucks, 43% in concentrator line 1 and 6% in concentrator line 2.

