DUSTBINDER

88CHEMCO
BY IGUGU INDUSTRIES

MAINTENANCE METHODOLOGY | Dust mitigation and ongoing haul-road maintenance

A routine of inspection, sweeping, targeted repair and calibrated application, with results recorded against the baseline and reported monthly.

1 Inspect the road and identify priority maintenance sections.

ROUTINE Assess road condition, identify dusty, rutting or corrugated sections, and determine maintenance priorities.



2 Mechanically sweep the surface using a tractor-towed sweeper.

ROUTINE Remove loose material, excess aggregate and debris to improve surface consistency and product effectiveness.



3 Repair damaged spots only, with quarry material.

IF NECESSARY Cut out the damaged area and fill it with quarry material. No blading of the treated surface.



4 Compact repaired areas before spraying.

IF NECESSARY Use a smooth drum roller on the repaired areas only, so the fill binds into the running surface.



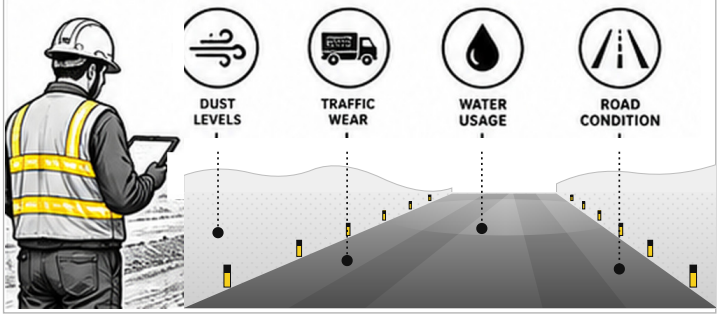
5 Apply calibrated, diluted DustBinder using existing water/spray trucks.

ROUTINE Apply DustBinder at the recommended dilution rate using existing water trucks with spray bars for even coverage.



6 Monitor dust, traffic wear, water usage, and road condition.

ROUTINE Conduct regular inspections and repeat targeted maintenance as needed. Results are recorded against the baseline and reported monthly.



REQUIRED MAINTENANCE EQUIPMENT

			
Tractor-towed sweeper	Existing grader (spot repairs only)	Existing water/spray trucks	Roller (only if required)

WHAT IS RECORDED

DUST LEVELS
measured against the baseline

TRAFFIC WEAR
surface condition under haulage

WATER USAGE
water used on the routes

ROAD CONDITION
inspected on every route

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