



PROBLEM SOLVED™ PAPER

SOLUTION: MartinPLUS® Maintenance Service Technician Program

INDUSTRY: Steel

LOCATION: Companhia Siderurgica de Tubarao (CST)
Vitoria, Brazil



CST is Brazil's largest steelmaker.

PROBLEM

CST, a major Brazilian producer of steel for domestic consumption and export, plant's material handling conveyors suffered problems with dust and spillage. This fugitive material led to problems with neighbors and regulatory agencies.

SOLUTION

MartinPLUS® Maintenance Service Technician Program

To resolve complaints from the nearby city of Vitoria, CST entered into a long-term contract with Martin Engineering's subsidiary in Brazil for the maintenance of its conveyor system.

A unique requirement of the contract is that the subsidiary, Martin Engineering, Ltda., is also responsible for the cleanup of spilled and fugitive materials.

RESULTS

Working with CST management, Martin Engineering, Ltda. employees reduced environmental claims from several per month to zero. The quantity of spilled and fugitive material has been reduced from 8,000 tons per month to less than 3,000 tons per month.

With a more efficient material handling system, CST was able to add a second blast furnace without requiring additional capacity in its raw material storage yard, providing a huge savings in capital.

Martin Engineering, Ltda. workers have earned every safety award offered by CST and recently passed 900 days of working without a lost-time accident.



Materials are stockpiled at CST's facility in Vitoria, Brazil.



This CST-sponsored billboard honors the employees of Martin Engineering, Ltda. for working more than 900 days without a lost-time accident.