

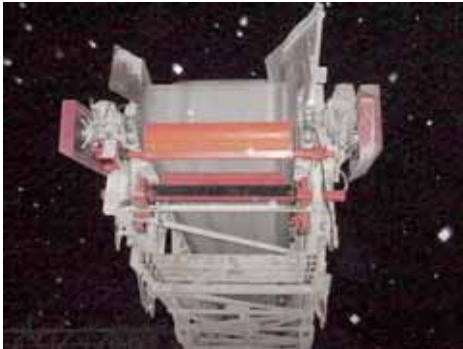


# PROBLEM SOLVED™ PAPER

**SOLUTION:** Martin® QC1™ Cleaner and Martin® SAF2™ Cleaner

**INDUSTRY:** Cement

**LOCATION:** Holcim Cement  
Mason City, Iowa



## PROBLEM

This 42-inch (1067-mm) wide belt carries material to the stockpile from the quarry's primary crusher. But poor performance by the conveyor's home-made "slab" belt cleaner left piles of carryback under the conveyor, interfering with its ability to move to the stockpile, while shortening component life.



## SOLUTION

To improve belt cleaning, the plant selected a cleaning system, consisting of a Martin® QC1™ Cleaner and a Martin® SAF2™ Cleaner. Installation of the cleaners was performed by a MartinPLUS® Service Technician.

*For effective cleaning on the stacker conveyor, Holcim's plant in Mason City, Iowa selected a multiple cleaner system consisting of a Martin® QC1™ Cleaner and a Martin® SAF2™ Cleaner.*

## RESULTS

Belt cleaning performance improved dramatically. The radial stacker conveyor was free to move more easily, and fugitive material on the ground under the conveyor and on conveyor components was significantly reduced.

*Martin® QC1™ Cleaner is protected by U.S. Patent No. 4,917,231;  
Martin® SAF2™ Cleaner is protected by U.S. Patent No. 5,310,042.*