



PROBLEM SOLVED™ PAPER

SOLUTION: Martin® ApronSeal Skirting

INDUSTRY: Mining

LOCATION: Arizona



The plant was having a hard time keeping dust and fines from escaping the transfer point.



MartinPLUS® Service crew installed the Martin® ApronSeal Skirting.



PROBLEM

The existing skirting was not containing dust and spillage. This fugitive material led to the need for manual cleaning/shoveling of the walkway every day. The plant even bought a temporary conveyor to help alleviate this issue.

SOLUTION

Martin Engineering installed heavy duty Martin® ApronSeal Skirting on the conveyor that was constantly discharging spillage and dust. The Martin® ApronSeal Skirting formed an effective, low-maintenance, multiple-layer seal to keep fines on belt. The primary seal forms an inner barrier, keeping material inside the chute. The secondary seal captures fines and ribs carry those fines down the belt. Yielding long life and low maintenance, the low-pressure seal requires minimal adjustment. Minimal space is required to accommodate the Martin® ApronSeal Skirting and virtually any clamps can be used - making this an ideal replacement system.

RESULTS

The customer was very pleased with the excellent service of the Martin staff, and will continue to use Martin's expertise as often as possible. After the installation, the only cleanup required takes one employee 10 minutes once a week. The plant hasn't used the temporary conveyor in over five months. Several solutions were tried prior to the Martin® ApronSeal Skirting but nothing worked. The plant no longer worries about incurring MSHA violations.

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