

# SINGLE AIRSWEEP SOLVES SAND FLOW PROBLEM AT READY-MIX PLANT

## THE PROBLEM

Moist sand was **sticking and bridging** above pant-leg outlets of bin at Service Concrete, an Oakridge, N.J. ready-mix concrete plant, **causing lengthy delays in batching and filling of transit-mix trucks**. Vibrators and manual joggling of gates did not prove effective.

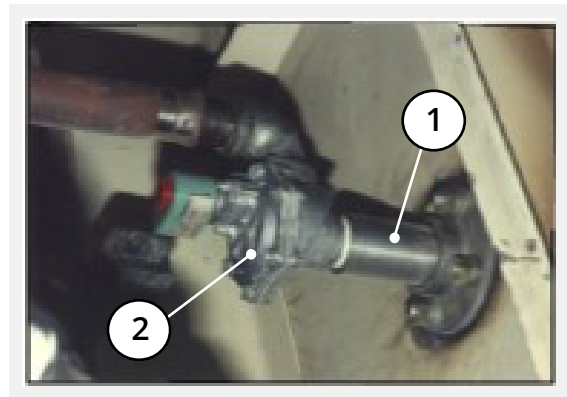
## THE SOLUTION

To resolve the buildup and blockage issues, an efficient and effective system was designed consisting of one 2" VA-51 AirSweep installed on the bin just above the pant-leg, coupled to a MCA-45T solenoid valve, and a CBO 1-12 control box.

## RESULTS

Instant flow of sand on demand! **Trucks now filled with no delays** or additional labor, and move out on schedule.

Says the happy customer: "Works Great! We no longer have to send a man up the ladder to poke the sand out."



*Detail of VA-51 AirSweep (1) and MCA-45T solenoid (2) mounted on bin.*



*A 9' section of 2" header pipe was also installed to bring plant air to the AirSweep system. The system was tied into the main panel of the batch control, providing a simultaneous pulse firing of the solenoid as the gate opened.*

## MORE INFORMATION

[AirSweep Model VA-51 webpage](#)

[AirSweep Model VA-51 Product Sheet \(PDF\)](#)



*Control Concepts, Inc. provides a 7-year warranty on the AirSweep® unit.*

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**CONTACT US**



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