

Control of Salt Dust in Snack Food Manufacturing

CASE STUDY # 102

A name-brand snack food producer approached Ceilcote APC for a simple solution to their dust problem. During the final production stages for various snacks, salt and spice flavorings were sprayed on the product and the entrained overspray needed to be ventilated and scrubbed. The ventilation volume were small and the equipment required a compact arrangement to be located near the ventilation source. Our packaged [Mini-scrubber \(MS\)](#) proved to be the right solution. It's unique design including top mounted fan and side mounted instrumentation satisfied easily the space requirements and the [Tellerette Packing](#) internals provided high-efficiency removal of particulate down to 7 microns in size. The equipment was customized to meet specific industry requirements such as special junction boxes and coated conduit suitable for external wash down.



Application	Snack Food Coating
Exhaust Volume	850 ACFM
Exhaust Temperature	Ambient
Exhaust Pressure	5" W.C.
Contaminant	Salt & Spice Dust
Removal Efficiency	99% > 7 micron
Scrubbing Solution	Water
Materials of Construction	Polypropylene

