

Case Study

Eliminating Sandblasting Downtime in Minnesota

Problem

A sandblasting contractor in Minnesota was facing frequent production interruptions — up to eight times per day — caused by clogging of abrasive media in the sandblast pot.

Moisture in the compressed air line led to clumping media, inconsistent flow, and unnecessary downtime.



Solution

The contractor's equipment supplier, Abrasives Inc., recommended installing a Super-Dry Model D4 desiccant air dryer paired with a Super-Dry FSD-515-W water separator.

Both units were mounted on a mobile dolly, allowing the contractor to position the dryer as close as possible to the sandblast pot for maximum drying efficiency and reduced moisture buildup.

Results

After installing the Super-Dry system, the contractor went from eight daily interruptions to continuous, uninterrupted operation. The upgrade delivered:



Consistent abrasive flow



Improved productivity



Reliable performance in high-humidity environments

Products Used

Super-Dry D4 Desiccant Air Dryer

Removes water vapor to deliver ultra-dry compressed air downstream.

Super-Dry FSD-515-W Water Separator

Captures and removes bulk liquid water before it reaches the air dryer.



Partner

Abrasives Inc. – Wahpeton, North Dakota, USA

A trusted supplier of sandblasting equipment and media solutions serving the Upper Midwest since 1984.

www.abrasivesinc.com



Client Profile

A professional sandblasting contractor in Minnesota, USA, specializing in surface preparation for industrial and construction projects. Recognized for reliability and precision work throughout the region.

