

**Metalfab**  
Material Handling Systems, LLC  
11 Prices Switch Rd, PO Box 9, Vernon, New Jersey 07462 | 800-764-2999



**Tarsco Bolted Tank**  
a TF Warren Company



[Home](#) » [equipment](#) » [Relieving Material Build-Up in Storage Units](#)

## Relieving Material Build-Up in Storage Units

January 2, 2020 | 0



Figure 1

Material build-up often leads to reduced plant productivity and higher cleaning costs, as well as increased safety risks to maintenance staff. Such issues can be avoided by undertaking measures including blockage and build-up removal and silo and hopper cleaning.

In this example, arch-shaped clogging occurred in a sand hopper in the raw material storage area of a glass factory. During the winter, sand tends to absorb moisture. If the product extraction takes a while, the product will compact.

The solution recommended was a de-clogging sequence via Airchoc air cannons to solve the bridging encountered during sand storage: four AC51010SD devices, DN 100 50 l in the middle of each face of the hopper in order to push the material towards the extraction. (see figure 1)

Standard Industrie also recently intervened at a steel factory to clean the coal hopper. The customer had a low recovery collection capacity. In this case, the use of the pneumatic Gironet was the solution for the cleaning of silos and the reduction of their stock. The intervention will increase the capacity of collection in order to avoid supply disruptions. (see figure 2)

Standard Industrie International, Roubaix, France +33 (0)3 20 28 32 32 en.standard-industrie.com

*Here are more articles that may interest you:*

[Accurate Data Required for Bin Discharger Selection](#)

[How to Reduce Safety Risks When Storing and Handling Bulk Solids](#)

[Storage Silos 101](#)

### Industry Master Directory

[Browse Categories](#)

The Directory For  
Dry Processing  
and Bulk Handling  
Technology

[Manufacturers A-Z](#)

[Representatives A-Z](#)

## It's the [small] stuff.

The stuff that costs you time, money and resources. **It seems that's not so small.**

Sentry® ISOLOK® automatic samplers easily and accurately sample dry, flowable powders, pellets and grains.



**And that's no small thing.**

Learn more now.

