

Treacherous Insulation Application Shows Baghouses No Mercy

A US insulation manufacturer was experiencing major issues with its application. Insulation in general can be a tricky material to handle. Its fibrous nature can wreck havoc on a dust collection system. To make matters more difficult, this particular insulation had a metalbacking which required high heat during the process. The baghouses that were being used in the operation just could not keep up with the treacherous conditions. The company sought to find way of preventing damage to the existing dust collection system.

Aerodyne's GPC dust collector proved to be the right solution for difficult job. The GPC worked as a pre-filter for the existing baghouse collectors in the process. This compact dust collector was able to handle the rigorous part of the process while leaving the final and less intense filtration stage to the baghouses. Due to the GPC's ability to operate both horizontally or vertically,



the company had no trouble finding a model that would fit the current system in place. The rugged construction of the GPC allowed for greater durability for the demanding insulation that was being processed. The fibrous dust was no issues for the GPC. It did not clog nor was there any air stream reduction.

After installing the GPC-36 as a pre-filter for its baghouses, the plant operators noticed a dramatic difference in the operation. The baghouses were less strained during operation and the fibrous insulation no longer clogged up the process. Production times were higher than they were previously and maintenance was not needed as often.