

Eliminating 40 years of carbon dust buildup



QUALITY CLEAN, EFFICIENCY IN CARBON DUST REMOVAL PROJECT

America's largest manufacturer of activated carbon had been in production for more than 40 years but had never been deep cleaned.

Walls, floors and process equipment were black from approximately a quarter-inch of accumulated carbon dust, which also created a breathing hazard in the facility. When lights became covered with carbon dust, the customer would simply add lights rather than cleaning or changing lights in the 800-foot ceiling.

With the facility's owner scheduled to arrive for an inspection, the company contacted MPW to demonstrate its foam cleaning services.

SOLUTION

The customer awarded the deep cleaning contract to MPW after a successful demo.

MPW used foam cleaning on aluminum-covered walls that ran from the floor to 10 feet high. The remaining portion of walls consisted of sealed insulation, so solvents such as liquid were not an option. Here, MPW used HEPA-approved backpack vacuums.

MPW workers utilized manual walk-behind scrubbers on the floor and manual wiping techniques on equipment. To reach higher areas, MPW employed an 80-foot articulating manlift. PPE consisted of full-face respirators and Tyvek protective suits.

RESULTS

MPW's 10-person crew worked 12-hour shifts to complete the project within the estimated six days.

Feedback from the customer, including the visiting owner, was extremely positive with regard to the quality of clean and efficiency of the project.

MPW's continuing relationship with this customer led to additional work at the location, including facility maintenance, tote disposal and drum disposal.

COMMITMENT TO SAFETY

**MPW
recorded
zero safety
incidents
during this
project**