

GALBESTOS REMOVAL & HELICOPTER LIFT



Galbestos coated siding

Problem: A customer required the replacement of 21 vents and approximately 2000 square feet of siding. The vents and siding were coated in Galbestos, an environmental and health hazard.

Solution: Project Technologies & Services (PTS) provided the customer with support by:

- Managing the project
- Creating and following the project schedule
- Maintaining the project budget
- Creating the specifications for the removal of the existing vents and siding
- Creating the specifications for the new vents
- Screening and providing subcontractors
- Managing the construction
- Ensuring the safety of the employees and subcontractors

PTS created specifications to remove and replace the vents and siding. To do this, PTS worked with the equipment suppliers, reviewing and approving all necessary drawings and other documentation.

15 of the vents were extremely close to the street. PTS determined removing the vents with a helicopter would be quicker and more cost effective than a crane. The helicopter lifts required the street to be closed for part of the day. PTS worked with the clients and the surrounding businesses to determine the best days for the street closures. Once the closure dates were determined, PTS worked with the local police department to close off the street.

PTS scheduled the second street closure and helicopter lift for two weeks after the removal of the vents. During this time, PTS organized the modification of the roof to prepare for the new vents, based on the requirements provided by the equipment supplier. PTS worked with the vent vendor to ensure the new equipment would arrive prior to the second helicopter lift. Roof modifications also included sound curbing to reduce the decibel levels within regulatory limits.

Again, PTS worked with the local authorities to close the road for the second helicopter lift. This lift was scheduled, in advance, to accommodate the production schedule of the customer and the surrounding businesses. The second lift was used to install the new 15 vents, replacing those removed during the first lift.



Above: Helicopter removing a vent. Below: New vent to be installed.



The remaining 6 vents were located in an area accessible by a crane. PTS scheduled the crane removal of these 6 vents and the installation of the 6 new vents around the needs of the customer. Sound curbing and roof modifications were also made to accommodate these vents.

PTS provided support for the removal and replacement of approximately 2,000 square feet of siding coated in Galbestos. Temporary weather proofing was provided after the removal of the old siding, prior to the installation of the new siding. All siding removal required a regulated area, air sampling, and contractors trained in asbestos handling.

Throughout the project, PTS worked with the customer to determine the ideal schedule for all activities. Portions of the project included partial or complete plant shutdowns, due to the health concerns of the Galbestos. Electrical shutdowns were also required because portions of the siding were located in high voltage areas. All shutdowns were scheduled around the customer's production needs.

To ensure the safety of the customer's employees, contractors, and the public, PTS followed all applicable government environmental regulations. All debris and dust created by the construction were captured, isolated work areas were created, and partial and complete plant shutdowns were scheduled, when necessary. PTS engineers were onsite through the entire project to provide construction management and ensure a safe work environment for the employees and contractors.

Galbestos is hazardous material which required special disposal. All Galbestos containing material was wrapped in plastic and shipped to an environmental hazard disposal site.

The project was completed within budget and on schedule. In summary, the client has a safer work environment for their employees and the plant been in compliance with regulatory codes.

