

Air Industrial's Engineered Solution Helps Client Remove Hazardous Emissions

PROJECT:
Environmental
Remediation

REMEDATION
COMPANY:
TIGG Corporation

PRODUCT
SELECTIONS:
Custom Fan
Filtration Units

Project Description:

With air quality safety concerns during pre-construction site preparation being tightly regulated, especially in metropolitan areas, environmental remediation contractors are using temporary fabric structures to contain and control hazardous pollutants.

The challenge then was how to remove the hazardous emissions within the structure, treat the hazardous emissions and keep the workers safe while working in the structure. TIGG Corporation, a nationally known air and water pollution control company contracted with Air Industrial to help provide a solution to these problems.



Environmental Units



Environmental Units

A system was designed to maintain a negative pressure within the structure while providing enough air changes for the workers to safely breathe without the use of respirators. The contaminated air is then treated to remove the hazardous contaminants while releasing the purified air to the atmosphere. This unique approach has been used successfully at numerous sites throughout the United States.