



Zinc Smelting Facility and Refinery



LOCATION | Pennsylvania

FACILITY TYPE | Zinc smelting facility and refinery

PROJECT BACKGROUND

Brandenburg was contracted to demolish an operating zinc smelting facility and refinery in a ten month time frame. Built in the early 1930's, the site occupied on over 300 hundred acres and included more than 80 buildings. The main plant area was fully operational during the first three months of demolition. Buildings included one-story offices, six-story manufacturing facilities, and a seven-story power plant with a height exceeding 100 feet.



Dust suppression systems were installed throughout the interior and exterior work areas. Engineering controls consisted of the use of water misting machines and spraying devices. The EPA and DEP were impressed with Brandenburg's utilization of misting machines and customized water trucks to aid with dust control.



Brandenburg had in excess of 120 people employed onsite at the peak of the job and worked in excess of 100,000 man hours without injury. The project consultant employed a force of field safety officers and Brandenburg deployed one field safety officer for every 20 field employees.



SCOPE OF WORK

Multi-steel structural demolition

Universal waste removal

Asbestos abatement

Utility disconnection

Crush all above grade concrete and brick

Tank cleaning and closure

Hazardous waste management and disposal

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