

PROJECT PROFILE

Central Vacuum System, Carbon Black Facility Installation Year: 1988 (Franklin, LA)

Application Requirements

A large carbon black producer in Louisiana had a significant housekeeping problem in their packaging and production areas. Erichson Company was consulted and the following general needs determined:

- Four (4) complete systems would be required to cover the areas needed
- Spill size could be minimal to 2000 lb ;powder to pellet
- The plant decided to dedicate 4 operators per system

Solution

Gardner Denver – Hoffman Systems were supplied with the following features:

- Cast iron exhauster Model 42 ranging from 4205 to 4208
- Pulse Jet Secondary Separators
- Hoffman Primary Separators
- Special 11 gauge smooth flow tubing and fittings for durability
- Dual rotary airlocks under each separator to minimize air leakage
- Special support steel platform to support the separators and deposit the collected material into super sack

Results

The plant has been highly satisfied with the performance of the central vacuum cleaning systems. The plant is much cleaner and large amounts of product are collected and re-processed.

