



AireWorks

Baghouse Dust Collector Systems



Aireworks outside baghouse collector, baghouse houses with fan and required sq/ft of filter media 7:1 air to cloth ration required for efficient filtration of fine lacquer and sanding dust.

Electronic control system

A NEMA 4/12 460-volt Control System with VFD

Touch Screen PLC for setup, sensor reading, alarm messages and pressure controller for automatic Filter cleaning by differential pressure. Included pressure control with PID control loop to Maintain Constant vacuum control in main pipes (Vacuum Sensing Technology).

Main Duct Control Combination Damper

The following items are required to make this project in compliance with the NFPA 664.

One (NRV) no return valve. (ATEX certified)

NRV control panel to control the valve.

Abort gate (Prior to Collector to prevent a fire in the collector) (ATEX certified)

Required (2) spark detectors and control box.

Water Spark Quenching System