



The Filter Boss™ Has Solutions!!

Pacific Air Consultants, Inc.



Orthosis & Prosthetics manufacturer had a problem with a high static charged foam dust that was clogging up their existing dust collection equipment limiting filter life to 3 months . After a careful analysis of the dust and their process, a new SPJ Pulse Cleaning-type Baghouse with grounded filter bags was provided and installed by Pacific Air. The Baghouse's Superior Nozzle Based Cleaning System effectively cleans the filters and a 3 year minimum filter life guarantee was provided to the customer.

Additionally, an IVEC Systems IPS Plus Control was installed to provide energy efficiency and proper Sequence of Operations of the Dust Collector's Devices. The Control works on a closed loop principle that speeds up and slows down the fan automatically based on the amount of production machines in use at any given time. An Energy Efficiency Grant from the local utility was used to offset the costs of the equipment.

Job Scope:

- (1) Scientific Dust Collectors Model SPJ-216-X4RT10
- (1) AirPro Fan & Blower Model: BIHS, Size: 402 - 100 HP Premium Efficiency Motor
- (1) IVEC Systems IPS Plus Control System - 100 HP
- Suction Side Clamp Together Ducting System
- Return Air System with Summer/Winter Diverter, Weather Hood, & Fabric Diffuser Sock
- Mechanical & Sheet-Metal Installation by Pacific Air

Manufacturer: Scientific Dust Collectors (Dust Collector), AirPro (Fan) IVEC Systems (Controls)

Sales Rep: Nick Schlentz
Installation Date: 2009

Customer Name: On Request
Location: On Request