

# PRODUCT CONTAINMENT & N<sub>2</sub> INERTING RETROFIT

**FITZ<sup>®</sup>MILL**



*Filters can be built right into the mill chamber in order to minimize the space requirements under the FitzMill chamber as well as the weight of any discharge transition.*

**CONVERT YOUR EXISTING FITZMILL TO A PRODUCT CONTAINMENT/INERT PROCESSING MILL**

**ADVANTAGES:**

- Operators work in a dust-free environment
- Contains hazardous or high-cost products
- Process oxygen-sensitive products
- Reduce the explosion hazard risk

**THE  
FITZPATRICK  
COMPANY**

## HOW IT WORKS

Two filters are installed in the mill chamber or a mill discharge. Vacuum is drawn through these filters to eliminate dust escape.

These filters are connected to a remote mount Product Containment System (PCS) which includes an O<sub>2</sub> analyzer for the exiting process air. The controls regulate a N<sub>2</sub> supply to the milling chamber in order to maintain a desired oxygen level (typically 5-7%).



*Example of product containment filters built into the discharge of an FAS012*

## WHAT IT TAKES

- PCS discharge or a new mill chamber and chamber mounting frame which includes PCS filters
- Remote Mount Control System
- N<sub>2</sub> supply
- Sealed inlet and outlet

# THE FITZPATRICK COMPANY

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CUTTING EDGE SOLUTIONS...IN PROCESSING TECHNOLOGY

**FITZMILL**

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