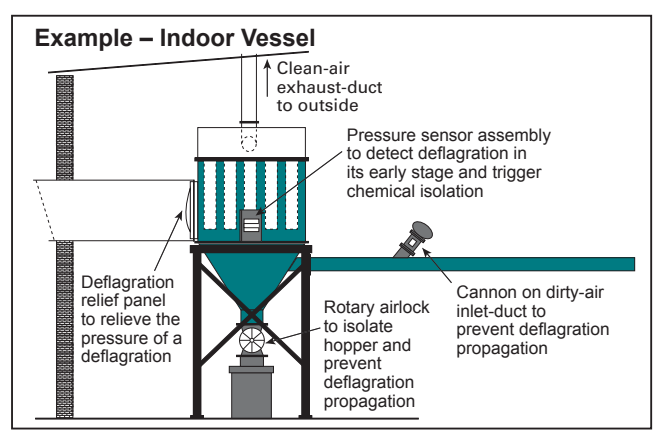
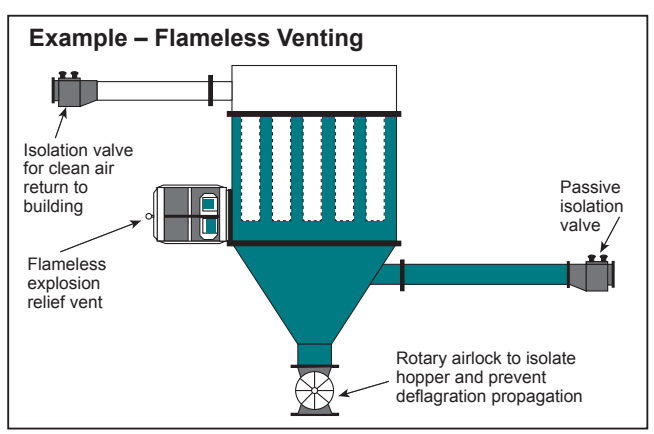
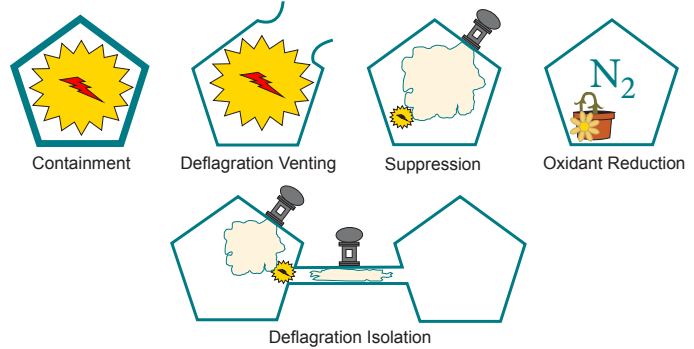


NFPA Compliance

In today's bulk handling systems, nearly all materials are combustible under the right conditions. With the right mixture of fine particles, oxygen and an ignition source an explosion could happen at any time. It is up to the end user to make sure their system is safe and compliant with the applicable NFPA standards. Schenck Process reviews each air filtration application with the customer to select the best explosion mitigation strategy for the application.

Protection Options

- » Explosion venting
- » Ducted venting
- » Flameless venting
- » Containment
- » Inert gas/oxygen reduction



Engineering site surveys



When it comes to helping you meet NFPA compliance Schenck Process offers dust collection users its on-site air filtration surveys. Program participants receive a full assessment of their current air filtration systems along with recommendations on improving efficiencies.

Engineering Surveys

- On-site dust collection analysis
- Particle size analysis and emission testing
- Field measurement of dust producing equipment and plant layout
- Preliminary sketches of plant/equipment layout based on this analysis and current recommendation to include appropriate NFPA compliance
- Full assessment including 3-D CAD drawings & CFD modeling
- NFPA & explosion protection recommendations
- Energy efficient designs
- Filtration test lab to guarantee emission compliance

Schenck Process

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- Project management
- Turn-key installation
- Start-up & commissioning
- Recommended spare parts list
- Evaluate physical conditions of existing filters, fans and airlocks
- Evaluate existing ductwork layout and sizing, dust discharge design and pneumatic transfer system
- Consult with customer personnel to determine system rates, equipment functionality, problem areas and desired results from findings
- Provide quotation for new and upgraded solutions

Filtration Audit Team

- Industrial Ventilation Design Specialists
- 3D CAD Designer
- Application Specialists
- Explosion Protection Experts

Benefits

- Improve energy efficiencies
- Reduce the amount of required airflow
- Ensure employee health
- Manage plant expansion
- Meet NFPA compliance