



We are Here to Help

Pullman Ermator and its team of experts from numerous industries are here to help. With its iComply program we can help the contractor through our distribution chain with OSHA compliance.

What is Silica?

- Silica is quartz, and is found naturally in almost all rock, sand, soil, brick and concrete products
- Respirable crystalline silica particles penetrate deep into the lungs causing lung disease
- Silica exposure remains a serious threat to nearly 2 million U.S. working, including more than 100,000 workers in high risk jobs such as abrasive blasting, foundry work, stone-cutting, rock drilling, quarry work and tunneling



Dust Extraction Systems For All Industries



"The tools that we need to protect workers are already out there. They're available. They're not prohibitively expensive, and they need to be implemented."

-Deven Johnson

Director of Training, Health and Safety for the Operative Plasterers' and Cement Masons' International Association



Silica Health Hazards

Symptoms

Shortness of breath
Loss of appetite
Chest pains

Silicosis

A non-reversible lung disease with diffuse nodular pulmonary fibrosis

Acute Silicosis
Chronic Silicosis
Accelerated Silicosis

Fatigue
Severe Cough
Cyanosis (bluish skin)

COPD

(Chronic obstructive pulmonary disease)

A lung disease that causes obstructed airflow from the lungs by becoming thick and inflamed while air sacs lose their elastic quality. Too much mucus is made and blocks airways



How do I Comply?

- Exposure determination
- Use Table 1 or Monitor exposure
- Create a written exposure plan
- Designate a competent person
- Provide medical surveillance
- Provide proper training
- Required recordkeeping
- Use proper HEPA dust collection

**Go to www.iComplysilica.com
To see a list of presentations to find one near you**

How to Choose a HEPA Vacuum

Important points of requirements

- High quality HEPA filters that are tested and certified, with a rating of at least 99.99 at 0.3 micron
- 25 CFM PER BLADE INCHES REQUIRED FOR HAND GRINDERS
- High CFM & Water Lift for proper matching to equipment
- Must have a mechanical filter cleaning method, contained allowing no dust to escape
- Multi levels of filtration, that include a cyclonic chamber, pre-filters, HEPA's and pre-separators
- Drop down bagging containment systems, no dust can or tray
- **Availability to attach tools for collection at the source**
- Wet and dry availability when needed



UPDATED FINES FOR 2017

Type of Violation	Current Maximum Penalty	NEW Maximum Penalty
Serious	\$7,000 per violation	\$12,471 per violation
Failure to Abate	\$7,000 per day	\$12,471 per day
Willful or Repeated	\$70,000 per violation	\$126,000 per violation

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