

Effectively Control Silica Dust Exposure with Advance Solutions



Practicing Proactive Silica Dust Housekeeping

- assists with meeting new OSHA minimum exposure limits

Industrial Scrubbers and Sweepers

Effective Dust Control

Advance Industrial scrubber and sweeper technology plays a key role in reducing silica dust exposure to help you stay compliant. When addressing your written control plan, you can be confident in Advance dust control to get the job done when addressing your floors.*

Benefits of Industrial Scrubbers and Sweepers

Advance scrubbers and sweepers are effective, easy to use and built for the industrial environment. Our innovation is proven to be effective, and will play a key role in increasing your level of safety and compliance.

- **Wet method cleaning solutions**
 - Full line of scrubbers for cleaning floors, helping to limit exposure and supporting your overall control plan
 - Combination (scrubber and sweeper) machines available for higher volumes of material and superior level of cleaning
 - DustGuard™ option captures fugitive dust at the side broom with a fine water spray, reducing airborne dust
- **Full line of sweepers designed to control dust exposure**
 - DustGuard™ option captures fugitive dust at the side broom with a wet mist, reducing airborne dust
 - DustClear™ 5-Stage Dust Control System captures and removes fugitive dust
 - Dust filtration captures submicron particles. Filters are 90% efficient on particles down to 3 microns

Applications

- | | |
|----------------------------|--|
| • Construction | • Landscaping |
| • Glass manufacturing | • Ready-mix concrete |
| • Pottery products | • Cut stone and stone products |
| • Structural clay products | • Maritime |
| • Concrete products | • Hydraulic fracturing for gas and oil |
| • Foundries | • Asphalt products manufacturing |
| • Refractory products | |

*Refer to specific OSHA guidelines



Dedicated
engineering
department



Dedicated
sales team



Worldwide
technical
assistance

Get to Know the OSHA Standard

OSHA Required Engineering Controls:

- Local Exhaust Ventilation (LEV)
- Substitute materials
- Personal protective equipment (PPE)
- Dust containment systems
- Wet methods
- High efficient particulate air (HEPA) filtrated equipment and vacuums
- Housekeeping procedures
- Written control plans

Approved Housekeeping Methods

HEPA-filtered Vacuums or Wet Methods ONLY!

The standard PROHIBITS compressed air, dry brushing and dry sweeping.

DEADLINES

Construction: June 23, 2017

General Industry: June 23, 2018

Hydraulic Fracturing: June 23, 2021

Combination Machine and Sweeper Dust Control



DustClear™ Five Stage Dust Control System

- Stage 1 DustGuard™ Side Broom**
"fog" system 14 gal (53 L) captures majority of fugitive dust at the broom.
- Stage 2 Vacuumized Main Broom Chamber**
Captures all dust kicked up from the main broom.
- Stage 3 Airflow Labyrinth**
Removes 90% of dust from the air stream.
- Stage 4 Ultra-Web® Nanofiber Filter**
>98% efficient on 0.3 - 1.0 micron particles.
- Stage 5 Airflow Restoration System**
Liberator™ aggressive, multi frequency vibration filter shaker.

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