

### PASSIVE SILICA DUST FILTRATION

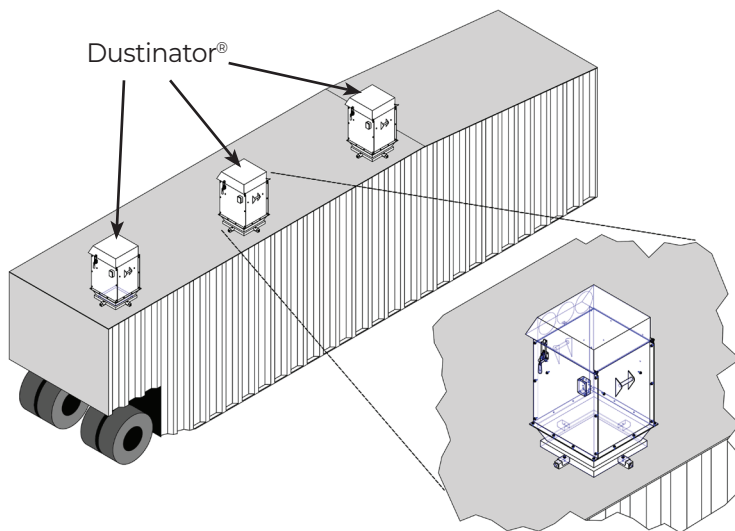
# Dustinator® – Passive System

Researchers at the National Institute for Occupational Safety and Health (NIOSH) have identified Respirable Crystalline Silica (RCS) as a particularly serious exposure risk to frac sand associated with hydraulic fracturing operations during oil and gas extraction.

Dustinator® is a weather-resistant, portable, self-purging dust filtration system that captures passive dust displacement using a group of four (4) filter elements housed inside a stainless steel unit.

Preliminary results showed that mounting the Dustinator® filtration unit to a sand mover's thief hatch significantly reduces over 90% of dust emissions at hydraulic fracturing sites.

The Dustinator® offers the oil and gas industry a safer, more cost-effective method to reduce worker exposure to RCS on hydraulic fracturing sites that utilize sand movers.



Dustinator® Assembly on Top of Frac Tank

## FEATURES & BENEFITS

- Mounted on top of frac trucks
- Achieved 93% reduction in silica dust testing results
- Developed under a Research Collaboration Agreement with NIOSH
- Designed to meet MSHA-compliant standards
- Self-purging sequence pulses four independent filter cartridges
- Captures a variety of fugitive dust particles, including fine silica dust
- Can be retrofitted onto sand mover thief hatches
- Also available as an active unit with attached blower

