

# Are you prepared for the NEW SILICA STANDARD RULING PER OSHA?

## OSHA Ruling Fast Facts:

- **June 23, 2016**, ruling established
- **New PEL – 50 µg/m<sup>3</sup>\***
  - Significantly reduced permissible exposure level from industry specific PEL's as high as 250 µg/m<sup>3</sup>.
  - Standards have not been updated since 1971, over 40 years old.
- **Compliance dates:**
  - **Sept. 23, 2017 - Construction Industry**
  - **June 23, 2018 - General industry & Maritime**
  - **June 23, 2021 – Hydraulic Fracking Industry**
- **Employer requirements:**
  - Must measure the amount of silica that workers are exposed to if it may be at or above an **action level of 25 µg/m<sup>3</sup>**.
  - Must protect workers where silica exposure level exceeds **50 µg/m<sup>3</sup>** (**provide respirators**, dust control, limit exposure time, restrict housekeeping, and more.)
  - Establish and implement a written exposure control plan.
  - Offer medical exams.
  - Additional information and requirements can be found at [www.OSHA.gov/silica](http://www.OSHA.gov/silica)

\*µg/m<sup>3</sup> (micrograms per cubic meter), levels are evaluated as an eight hour TWA

Don't wait to become compliant  
Protect your workers and avoid legal issues!

## THE SUNDSTROM SOLUTION

Ready-to-go complete respirator kits



Excellent protection factor  
Greatest comfort  
System functionality



Extremely low breathing resistance  
Easy donning & doffing  
Fits in lockers & trucks



Power assisted filter protection  
Exceptional level of protection and comfort

Can be combined with chemical cartridge for other applications

**(877) SUNDSTROM**  
**order@srsafety.com**

## Silica Dust Fast Facts:

- Crystalline Silica is a common mineral found in **every day materials**.
- Common component of sand, stone, rock, concrete, brick, block, and mortar.
- About **2 million construction workers** are exposed to silica dust in over **600,000 work places**.
- About **300,000 workers** are exposed to silica dust in over **75,000 general industry & maritime work places**.
- Crystalline silica can cause:
  - Silicosis
  - Lung cancer
  - Kidney disease
  - Other respiratory diseases

### SR 200 Silicone Full Face Mask Kit

H10-0018 One Size Fits Most

### SR 100 Silicone Half Mask Kit

H10-0014 S/M  
H10-0015 M/L  
H10-0020 L/XL

### SR 900 TPE Half Mask Kit

H05-9021S Small  
H05-9021M Medium  
H05-9021L Large

### SR 500 PAPR Kit Options

H05-0721 SR 500 / SR 540  
H05-0821 SR 500 / SR 200  
H06-0921 SR 500 / SR 530  
H06-8121 SR 500 / SR 580  
H06-8421 SR 500 / SR 580 / SR 584

\*\*Sources: [www.OSHA.gov/silica](http://www.OSHA.gov/silica) and Congressional Research Service - R44476, Scott D. Szymendera