



WARNING: Exposure to Silica Dust can be Deadly!

Watch



[Sinister Silica Safety Talk](#), UMTC, Sept. 2020

[Protecting Workers from Silica Hazards in the Workplace](#), [US Dept. of Labor](#), Informational video on the hazards of exposure to respirable crystalline silica.

[Silica Exposure](#), [WorksafeBC](#), This video shows how breathing in silica dust can cause permanent damage to the lungs.

[Silica in Construction: From Danger to Safety](#), [Women Building Futures](#), History of Silica dust knowledge to national standard for safety.

[OSHA's New Silica Standard Webinar: What Contractors Need to Know](#), [Society Insurance](#), Mar. 2018, This webinar focuses on what contractors need to know about OSHA's new silica standard. A certified industrial hygienist and risk control professionals will answer questions about the new standard.

[OSHA Silica Dust Standard](#), [Pulse-Bac Vacuum Systems](#), OSHA new Silica Rule for Silica Dust Exposure goes into effect June 1, 2016. This video runs through keys points about the new rule as it relates to the construction industry.

[Understanding Silicosis](#), [American Lung Association](#), Dec. 2019, Silicosis can develop within a few weeks to even decades after exposure.



7 Things to Know About Dust Before it Kills You, *Skill Builder*, Aug. 2017, According to HSE, respirable crystalline silica (RCS), often referred to as Silica Dust, is the second biggest risk to construction workers, following asbestos.

Respirable Crystalline Silica Safety For Construction, *XO Safety*, Dec. 2018, The Respirable Crystalline Safety For Construction Video will teach your employees about the OSHA requirements for crystalline silica, and cover the tools and techniques for protecting themselves from the hazard.

Listen

Science of Safety Podcast: Episode 5: Silica in the Workplace – Part 1, host Mark Reggers discusses the serious issue of Silica in the workplace with guest Kate Cole. Kate is a Certified Occupational Hygienist and is the Manager of Occupational Health and Hygiene with Ventia.

Samples & Templates

Online Create-A-Plan to Control the Dust, *Center for Construction Research and Training*

Sample Written Exposure Control Plan, *National Association of Home Builders*

Silica Compliance Regulation Flowchart, *International Sign Association*

Read

What are the Health Effects?, *Silica-Safe.org*, Know the signs and symptoms of Silica exposure.

Silica, Crystalline, *CDC*, About Silica and listed resources

Silicosis: Learn the Facts!, *CDC Workplace Safety and Health*, Do you work in construction or do abrasive blasting? If so, this document provides you with important facts you need to know.

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[Preventing Silicosis, CDC](#), Provides workplace solutions for controlling exposures to Respirable Crystalline Silica (RCS) in construction and hydraulic fracturing. Understand the exposure limits to keep workers safe and learn RCS exposure **[control methods](#)**.

[A Guide to Working Safely with Silica, US Dept. of Labor, National Institute for Occupational Safety and Health](#)
[Hotline: 1-800-35-NIOSH](#), This guide, a cooperative effort between the Department of Labor and NIOSH, explains how you can protect yourself and others if you work in one of the dozens of industries where dust containing silica is present.

[Examples of Silica Dust-Producing Tasks-Highway/Road Construction and Repair, NJ Department of Health, Occupational Health Surveillance Program and Silicosis Surveillance & Intervention Project](#), Many of the photos in this document show exposure measurements results for certain job tasks.

[Silicosis, American Lung Association](#), Learn about Silicosis, its symptoms and diagnosis, treatments, and symptom management.

[Silica and Road Construction: Silicosis-There is no cure, but it can be prevented!, New York Department of Health](#), Concrete and masonry products, the primary materials used in road construction, contain both silica sand and rock containing silica.

[Written Exposure Control Plan, ARTBA](#), PowerPoint Presentation on required exposure control plan elements, definition of a competent person, resources, and sample control plans.

[Best Practices Engineering Control Guidelines to Control Worker Exposure to Respirable Crystalline Silica During Asphalt Pavement Milling, Dept. of Health and Human Services, CDC, National Institute for Occupational Safety and Health](#), The guidelines presented in this document are a result of more than 10 years of collaborative effort by labor, industry, and government to reduce respirable crystalline silica exposure during asphalt pavement milling in highway construction.



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OSHA Fact Sheets

- [Table 1 of the Respirable Crystalline Silica Standard for Construction, 29 CFR 1926.1153](#), Specified exposure control methods when working with materials containing crystalline silica.
- [“Crystalline Silica Exposure” Health Hazard Information for General Industry Employees Blogs](#), Learn what crystalline silica is, what the hazards of crystalline silica are, the symptoms of silica dust exposure and more.
- [OSHA’s Respirable Crystalline Silica Standard for Construction](#), OSHA’s standard requires employers to take steps to protect workers from exposure to respirable crystalline silica.
- [Control of Silica Dust in Construction: Heavy Equipment and Utility Vehicles Used During Demolition Activities](#), This fact sheet describes dust controls that can be used to minimize the amount of airborne dust when using heavy equipment or utility vehicles during demolition activities as listed in Table 1 of the Respirable Crystalline Silica Standard for Construction.
- [Control of Silica Dust in Construction: Heavy Equipment and Utility Vehicles Used for Grading and Excavating Tasks](#), This fact sheet describes methods to minimize the amount of airborne dust when using heavy equipment or utility vehicles for earthmoving tasks such as grading and excavating soil, as listed in Table 1 of the Respirable Crystalline Silica Standard for Construction.
- [Control of Silica Dust in Construction: Large Drivable Milling Machines \(Half Lane and Larger\)](#), This fact sheet describes dust controls that can be used to minimize the amount of airborne dust when using large drivable milling machines as listed in Table 1 of the Respirable Crystalline Silica Standard for Construction.



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- **[Control of Silica Dust in Construction Small Drivable Milling Machines \(Less Than Half Lane\)](#)**, This fact sheet describes dust controls that can be used to minimize the amount of airborne dust when using small drivable milling machines as listed in Table 1 of the Respirable Crystalline Silica Standard for Construction.
- **[Small Entity Compliance Guide for the Respirable Crystalline Silica Standard for Construction](#)**, This guidance document provides an overview of OSHA's Respirable Crystalline Silica Standard for Construction. It is advisory in nature and informational in content.

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