

VOSH Updates on Silica



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Virginia Dept of Labor & Industry - VOSH



DEPARTMENT OF LABOR AND INDUSTRY

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Construction 1923.1153

- Effective Date: June 23, 2017
- All obligations under the VOSH standard are set to commence on June 23, 2017 except for requirements for sample analysis in paragraph (d)(2)(v), which commence on June 23, 2018.



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Construction 1923.1153

- Effective June 23, 2017, VOSH use of the National Emphasis Program (NEP) – Crystalline Silica, VOSH Directive 14-410 is suspended for Construction inspections opened or on after June 23, 2017
- With the suspension of the NEP, VOSH will not be conducting planned Construction inspections directed at exposure to silica.



General Industry 1910.1053

- General industry (and maritime) employers must comply with all requirements of the standard by June 23, 2018, except for the following:
- Medical surveillance must be offered to employees who will be exposed at or above the action level for 30 or more days a year starting on June 23, 2020. (Medical surveillance must be offered to employees who will be exposed above the PEL for 30 or more days a year starting on June 23, 2018.)
- Hydraulic fracturing operations in the oil and gas industry must implement engineering controls to limit exposures to the new PEL by June 23, 2021.



What will prompt of VOSH Inspection involving Silica?

- Complaints
- Referrals
- Potential exposure observed in plain view by VOSH personnel



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Landford Brothers Company

- February 2018 at Exit 45 Bridge on I-85 in Marion Virginia
- Employees were not using wet methods while operating jackhammers to remove concrete from the bridge piers
- Did not follow requirements for Table I (Use a water delivery system that supplies a continuous stream or spray of water at the point of impact, or use a commercially available dust shroud and dust collection system)





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North
81
← Wytheville

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Landford Brothers Company

- Resulted in 5 citations (2 serious and 3 willful) with total penalty of \$304,130
- Lack of exposure control methods; exposure assessment; respiratory protection that complied with 1910.134; and training (communication of hazard); and inadequate eye protection:

<https://www.osha.gov/ooc/citations/VADOLCitation-LanfordBrothersCompany.pdf>



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VOSH On-Site Consultation Services

- Small businesses encouraged to take advantage of the Department's free VOSH Consultation Services Division:
- On-Site Consultation Services to help employers better understand and voluntarily comply with VOSH standards.
- Priority is given to high hazard workplaces with 250 or fewer employees and all services are offered to employers at no cost.
- On-Site Consultation Services helps employers identify and correct potential safety and health hazards through walk-through surveys (without citations or penalties), provide abatement advice, provide on-site training, and provide program assistance to develop safety and health programs.
- Additional information can be obtained by contacting the Virginia Department of Labor and Industry office closest to you at www.doli.virginia.gov



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Training & Educational Materials

www.DOLI.virginia.gov

Training and Education Materials

The following supporting documentation was designed to assist in the understanding and implementation of this regulation.

- Silica in Construction – Training Powerpoint: “Silica – It’s More Than Just Dust”
- Instructor’s Guide for “Silica, It’s More Than Just Dust”
- Certificate of Completion
- Interim Enforcement Guidance for the Respirable Crystalline Silica in Construction Standard, 1926.1153
- OSHA’s “Small Entity Compliance Guide for the Respirable Crystalline Silica Standard for Construction”
- OSHA’s Frequently Asked Questions
- OSHA’s Fact Sheet for the Construction Industry
- Federal Register notice for the Silica final rule
- OSHA’s Crystalline Silica Safety and Health Topics page with information on Health Effects, Hazard Recognition, Control Measures, etc.
- American Lung Association web page on Silicosis
- Working Safely With Silica web page
- National Institute for Occupational Safety and Health (NIOSH) Silica web page
- Department of Labor and Industry Office Locations and Contact Information
- Department Directors Email Contact Information



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THANK YOU!!!

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