

Complying with the MSHA Silica Standard: A Hands On Class for Taking Silica Samples

Description: Participants will learn the basic principles of industrial hygiene and the respiratory hazards of silica. A general overview of administrative and engineering controls will be provided to help companies plan for and address over-exposures. Then participants will have an opportunity to familiarize themselves with dust sampling equipment including calibration, setup and how to prepare for a day of sampling. Finally, participants will learn how to interpret lab results and stay in compliance with the sampling requirements of the MSHA Silica Standard. Equipment will be available to demo; however, to gain the most out of the class, students are encouraged to bring their own sampling equipment.

Outline

- Introduction to Industrial Hygiene
- Respiratory Health Hazards of Silica
- Engineering and Administrative Controls to Lower Exposure
- Introduction to Dust Sampling Equipment: Calibration, Setup and Use (Hands-On)
- How to Prepare for Sampling Day
- Understanding Lab Results and Maintaining Records
- Compliance with the MSHA Silica Sampling Requirements