

# Silica Awareness

## 1 Who Should Attend . . .

This workshop is a must for anyone concerned about health and safety on the job including:

- ▶ Managers concerned about workers' compensation costs.
- ▶ Employees who want to learn proper techniques for protecting their safety and health at work.
- ▶ Business owners who want to learn about compliance with Michigan Occupational Safety and Health Administration (MIOSHA).

## 2 MIOSHA Training Institute

MIOSHA Consultation Education and Training (CET) Division and Macomb Community College (MCC) have developed the MIOSHA Training Institute (MTI) through a formal alliance. The MTI introduced an Assessment-Based Certificate program, effective October 1, 2007. The certificate program offers participants an opportunity to be recognized for their educational efforts and increased technical expertise. Courses are offered throughout the state in sponsorship with other M-TEC<sup>SM</sup> facilities, community colleges, and safety and health organizations. To learn more about the certificate program, log-on to the CET Division website at [www.michigan.gov/mti](http://www.michigan.gov/mti).

## 3 What You'll Learn . . .

Crystalline silica is a common mineral found in such materials such as sand, stone, concrete, mortar, and many other products. It is a common product utilized in many construction and general industry processes. This course will discuss the various health hazards and their routes of exposure in relation to respirable silica exposures within the workplace. Participants will learn applicable terminology and fundamental concepts essential to understanding and reducing and/or eliminating employee exposure to respirable silica dust in the general industry and construction fields. Participants will be reviewing applicable components of the standards specific to Part 590, Silica in General Industry and Part 690, Silica in Construction. Participants will also learn how to implement safe work practices when employees can be exposed to respirable silica.

### Agenda

*We offer a flexible program agenda to emphasize the health and safety topics you want most.*

- ▶ Identify tasks/processes in which employees may be exposed to respirable silica dust within the construction and general industry sectors.
- ▶ Identify exposure routes and applicable health effects of respirable silica dust.
- ▶ Identify state and federal requirements/resources in respect to respirable silica dust.
- ▶ Create an understanding of appropriate respiratory protection utilized to minimize exposure to respirable silica dust.
- ▶ Understand how to implement sound work practices to reduce employee exposure to respirable silica dust.

The meeting site and parking are accessible. Individuals attending the meeting are requested to refrain from using heavily scented personal care products, in order to enhance accessibility for everyone. People with disabilities requiring additional services (such as materials in alternative format) in order to participate in the meeting should call 517-284-7720 at least 30 days before the program. The Department of Labor and Economic Opportunity (LEO) is an equal opportunity employer/program.

# Facilitator

Aaron Gundrum is an Senior Industrial Hygienist with the Consultation Education and Training Division of MIOSHA. Aaron currently provides consultation and training services for the Upper Peninsula and the northern lower counties of Michigan.

Over the past seven years, Aaron was the Senior Safety Compliance Officer with the MIOSHA General Industry Division. Before working with the State of Michigan, he was the Corporate Health and Safety Director at a global paper manufacturing corporation. Aaron has worked in various health and safety roles within multiple business sectors over the past 25 years including; petrochemical, pharmaceutical, and automotive industries. Over the course of his career, he has been responsible for regulatory health and safety management, organizational health and safety training, and operational business excellence.

Aaron is a graduate of Michigan Technological University with a Bachelor's of Science degree in Environmental Engineering and a Master's of Science degree in Industrial Health from the University of Michigan.

Presenters: Aaron Gundrum and Audrey Carlstrom, Industrial Hygienists; MIOSHA  
CET Division



**Aaron Gundrum**  
*MVPP Specialist*  
*Senior Industrial Hygienist,*  
*MIOSHA, CET Division*

## Program Details

DATE:	July 13, 2022	TIME:	Check-in - 8:30 a.m. Program - 9:00 a.m. to 12:30 p.m.
LOCATION:	Lakeshore Center Building 600 E. Lakeshore Dr. Houghton, Michigan 49931 (Upper Peninsula)	DEADLINE:	Register by July 1, 2022 Please register early!
COST:	\$94 per person. Includes course materials. Certification/Maintenance Points Available	CONTACT:	Jeff Ratcliffe - 989-350-1206 (Cell) jeff@kedabiz.com

**COSPONSOR: Keweenaw Economic Development Alliance**

## How to Register

## Silica Awareness

### To Register and Pay By Credit Card

- ▶ **Phone:** 989-350-1206 (Cell)
- ▶ **Fax:** 906-482-5241
- ▶ **Mail:** Attention: Jeff Ratcliffe  
Keweenaw Economic  
Development Alliance  
PO Box 724  
Houghton, MI 49931

### To Register Without Credit Card

- ▶ **Email:** jeff@kedabiz.com  
Email: Complete registration  
without credit card number.  
Will follow-up by phone.

Complete Separate Registration Form For Each Attendee

Name: \_\_\_\_\_  
Company Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
Email: \_\_\_\_\_ *(Required for Registration)*  
Credit Card Type: VISA  MasterCard   
Credit Card #: \_\_\_\_\_ Exp. Date: \_\_\_\_\_  
Credit Card Holder's Name: \_\_\_\_\_  
Signature: \_\_\_\_\_

Please Make Check or Money Order Made Payable to: **KEDA**

All meetings are accessible and barrier free. Please contact the cosponsor or the CET Division, at least 30 days in advance, to request necessary accommodations.