



International Finishing Trades Institute (iFTI)

FTI 138 Occupational Exposure to Silica

Course Information

Course Hours: 8

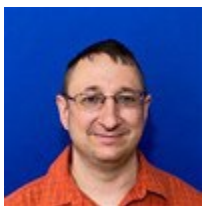
Course Description: OSHA has stated that over 2 million construction workers are exposed to silica hazards in their workplaces; this could be due to their work with a silica-based building material or exposure to silica on the job site because of what others around them are working with/doing and environmental and site conditions. Serious health outcomes can occur from chronic exposure to silica including silicosis and lung cancer. OSHA has finally developed specific silica rules for both construction and general industry which were effective June of 2016. This course will focus on what silica is, where it can be found, worker exposure, how it affects the body, silica controls and a review of the construction industry silica standard 29 CFR 1926.1153. This four-hour course will include small group activities including review of case studies, developing an exposure control plan and use of personal air sampling devices and media used to determine workers exposure.

Course Objectives:

- Describe what silica is.
- List where silica is found naturally and where it can be found during work.
- Review a Safety Data Sheet for silica.
- Describe how workers on a construction site can be exposed to silica.
- List health outcomes for chronic silica exposure.
- Describe two kinds of medical surveillance tests that can identify chronic silica disease.
- Look up information in the construction industry silica standard.
- List three methods to control worker exposure to silica and.
- Develop the components of a silica exposure control plan.

Prerequisite/s: None

Instructor



Course Lead: Bernard Mizula

Resume Link: <https://ifti.org/faculty/bernard-mizula/>

Policies and Procedures

COE Accreditation

The International Finishing Trades Institute (iFTI) is [accredited](#) by the Commission of the Council on Occupational Education ([COE](#)) and is entitled to the recognition and associated privileges of this designation. Accreditation is a status granted to an educational institution or program that has been found to meet or exceed stated



criteria of educational quality and student achievement. Accreditation by COE is viewed as a nationally-honored seal of excellence for occupational education institutions and denotes honesty and integrity.

iFTI Course Catalog

For a complete list of iFTI course offerings, please refer to the [iFTI Course Catalog](#).

Diversity Statement

The iFTI champions [diversity in the workplace](#) and committed in building an inclusive culture. We believe that every person, regardless of attributes such as race, gender or sexual orientation, has an equal opportunity to find employment based on merit or while in training or the workplace. Although our union is more diverse than ever, we still have so much work to do.

Policies and Procedures

The campus policies and procedures are found in the [Student Handbook](#).

Travel and Lodging Reservations

Upon the receipt of the final class registration confirmation and course schedule, you will be advised to call Metropolitan Travel Service to obtain the best coach fare ticket. No air travel costs will be reimbursed if not made through Metropolitan Travel.

If you will be driving to the event, send your anticipated arrival and departure dates and times, so appropriate hotel reservations can be made. Hotel reservations will be made on your behalf after the iFTI receives your final travel itinerary.

Travel and lodging reservations will be direct billed to the iFTI. If regionally appropriate for you to drive your vehicle, the iFTI will reimburse mileage at \$.30/mile (not to exceed the lowest 30-day advance airfare, or the shortest route as determined by Google Maps). iFTI is not financially responsible for any costs associated with travel, lodging, meals or incidentals for accompanying guest(s).

In the event you must cancel, the iFTI and Metropolitan Travel Service must be notified within 7 days of the travel date or the District Council/Local Union will be responsible for any cancellation fees.

Dress Code

The dress code for iFTI classes in Hanover, Maryland is casual. Clothing should be neat, clean, and well-kept. Please no shorts, flip flops, sleeveless shirts, worn tennis shoes, sweatpants, sweatshirts, jeans with holes, rips, tears or any clothing that contains inappropriate language or that could be offensive. If you will be delivering a presentation / teach back, please dress in a professional manner.

Please call the iFTI at 410.564.5850 with any questions or concerns.