



## OSHA PREVENTION OF SILICOSIS

Each day, numerous surface coal miners, rock drillers, driller helpers, employers of drillers and rill rig manufacturers, sand blasters, and other construction workers are exposed to respirable crystalline silica. These exposures can cause serious or fatal respiratory diseases, particularly silicosis. This course describes OSHA's Special Emphasis Program (SEP) for Silicosis. The emphases are on safety and health factors for working with silica and preventing and minimizing of exposures.

*TOTAL TIME: 2 HOURS*

### SAFT-0302 SCHEDULE

- Overview
- Crystalline Silica (Quartz)
- Silicosis
  - Symptoms
  - Exposure Prevention
    - OSHA
    - Employees
- Rock Drillers and Surface Mining Processes
  - Exposure Mechanisms
  - Current Exposure Limits
  - Health Effects
  - Case Reports
  - Recommendations
    - Initial Assessment
    - Air Monitoring
    - Engineering Controls
    - Personal Hygiene
    - Training
  - Precautions
    - Warning Signs
    - Protective Clothing
    - Respiratory Protection
    - Medical Monitoring
- Abrasive Blasters
  - Exposure Mechanisms
  - Current Exposure Limits
  - Health Effects
  - Case Studies



- Recommendations
  - Alternative Abrasives
  - Initial Assessment
  - Air Monitoring
  - Engineering Controls
  - Personal Hygiene
  - Training
- Precautions
  - Warning Signs
  - Protective Clothing
  - Respiratory Protection
  - Medical Monitoring
- Construction Workers and Silicosis
  - Exposure
  - Prevention
- Review
- Test
- Solutions
- Course Evaluation

All students may receive:

- Seminar Workbook
- Various [OSHA](#) Handouts
- Certificate of Completion (to participants who achieve 80% or higher on the final test)
- Certificate of Attendance (to participants who do not achieve 80% or higher on the final test)

Students must be present for the entire duration of the class to receive a certificate.

ESRA Consulting Corporation  
1650 South Dixie Highway • Boca Raton, Florida 33432  
telephone: (561) 361-0004 • fax: (520) 844-8555  
http://www.esracorp.com • e-mail: registration@esracorp.com



# REGISTRATION

Full Name: \_\_\_\_\_

Title/ Position: \_\_\_\_\_

Name Tag: \_\_\_\_\_

Company/ Institution/ Organization: \_\_\_\_\_

E-mail: \_\_\_\_\_

Telephone: \_\_\_\_\_

Fax: \_\_\_\_\_

Billing Addressee: \_\_\_\_\_

Street Address: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_

Zip Code: \_\_\_\_\_

Shipping/ Mailing Address: (where ESRA will send receipt and confirmation)  
Check if *same as above*: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_

Zip Code: \_\_\_\_\_

Course Title: \_\_\_\_\_

Course Number: \_\_\_\_\_ - \_\_\_\_\_ Dates of Preference \_\_\_\_\_ 2005

Location \_\_\_\_\_

Payment Total: US \$ \_\_\_\_\_

Payment Type: \_\_\_\_\_ Check (payable to ESRA) \_\_\_\_\_ Money Order

**Fax this form to: (520) 844-8555**

**Send payment to:** ESRA Consulting Corporation  
Training Division  
1650 South Dixie Highway, Third Floor  
Boca Raton, Florida 33432

**Payment is due 15 days prior to the course date.**

**Cancellation Policy:** The course fee (minus a \$100 handling charge) will be refunded for cancellation notice received fourteen (14) days prior to the course date. The fee is transferable to another course within twelve (12) months after that date.

**Other Terms and Conditions:** In an effort to commit to the highest quality services, ESRA requires groups to have a minimum of ten (10) people per course. Additional charges apply to other locations, including corporate sites, outside the Boca Raton, Florida areas. Please call (561) 361-0004 for further details.