

# Who needs to be trained and what should you cover?

## It's important all people...

- Employees
- Foremen, superintendents, and
- Project managers and those involved in the proposal and planning phases of construction that may involve silica-containing materials.

## ...Understand

- ✔ What the health hazards are
- ✔ When and where silica-containing materials pose a concern, and
- ✔ How to eliminate, or at least control the exposure hazard.

## Employees

Make sure they clearly understand the:

### Health Hazards, including

- ! Silicosis
- ! Lung cancer
- ! Chronic obstructive pulmonary (lung) disease (COPD) and decreased lung function.

### Exposure Controls, including

- **Methods used by the employer to control employee' exposures to airborne dust, such as**
  - ✔ Wet cutting
  - ✔ Local exhaust ventilation systems
  - ✔ Isolation of the process from the operator and surrounding employees by means of distance, enclosure or other method, as applicable
  - ✔ Work practices
- **Proper use and maintenance of dust reduction systems, including the safe handling and disposal of collected waste materials**

- **The importance of good personal hygiene and housekeeping practices when working with or around dust containing crystalline silica, including:**
  - ❌ Ensuring that hands, arms, face, and any exposed parts of the body are thoroughly washed before eating, or leaving the worksite.
  - ❌ Not smoking tobacco products.
  - ❌ Using appropriate methods to clean employees' own clothes
  - ❌ Making sure that protective clothing worn to prevent employees' own clothes from getting contaminated is safely discarded (before leaving the worksite) in a manner that does not spread contamination.

## **Foremen, Superintendents and Project Managers**

In addition to what employees are trained on, supervision and management needs to also be able to:

- ✅ Identify tasks employees will perform that may result in employee exposure to silica containing dust, and
- ✅ Determine procedures for implementation of the measures used by the employer to reduce the exposure to concrete or masonry dust

*NOTE: For activities falling within the scope of Section 1530.1, all of the above must be addressed with employees and supervision on at least an annual basis.*

## **Additional Tools and Information**

- [WISHA PowerPoint Presentation](#)
- [WISHA Silica in Construction Training Kit](#)
- [OSHA "Silica Card"](#)
- [Cal/OSHA Silica Hazard Alert](#)