

## Silica dust



In its natural state, crystalline silica represents virtually no health risk. However, during its handling and transformation, silica can be found in the form of fine dust suspended in the air and represent a serious risk of pulmonary diseases.

Due to the toxic nature of the material, regulations and precautionary measures must be taken into account when working with it. In order to work safely, it is essential to know the risks and effects of such exposure.

## LESSON PLAN /////// 1 / 2 ////////



#### O Target audience

It is primarily intended for regular and occasional workers who work with materials and products that may generate silica dust.

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The learning method for this online training is based on interactivity, dynamism and self-learning. The training will be done at the pace of the learner and according to his/her availability. Your understanding and skills will be evaluated at the end of each module.

You'll need to correctly answer all the questions in the current module, which will be presented in « true or false » or « multiple choice » questions to continue your progress. If you fail, you'll have to repeat the module.

## ≯ Legal notice

There are no legal notice associated with this training. No other training or experience is required.

### Intellectual integrity

Given the seriousness of the approach and the importance of the knowledge acquired through this training, the team of OHStraining invites you to respect the integrity of the training and its questionnaires.

We suggests you answer to the best of your knowledge, that is, without help and without plagiarism.



# **Targeted learning**

Silica dust

| Module 1 | Introduction   |  |
|----------|--|--|
| Module 2 | Silica dust  |  |
|          | <ul> <li>Characteristics</li> <li>Usage</li> </ul>   |  |
| Module 3 | Exposure   |  |
|          | <ul> <li>Absorption pathways</li> <li>Health effects</li> <li>Silicosis</li> </ul>   |  |
| Module 4 | Preventive measures  |  |
|          | <ul> <li>Substition</li> <li>Organizational and technical measures</li> <li>Collective protective equipment</li> </ul>                                 |  |
| Module 5 | Protection and prevention  |  |
|          | <ul> <li>Personal protective equipment</li> <li>Dressing procedure</li> <li>Hygienic measures</li> <li>Training</li> <li>Medical monitoring</li> </ul> |  |
| Module 6 | Conclusion   |  |