



Course Syllabus – Respirable Crystalline Silica

Audience

Personnel exposed to respirable crystalline silica (RCS)

Presentation Method

CBT – Computer Based Training

Training Duration

Student paced – Approximately 30 minutes

Course Summary

This training will discuss what respirable crystalline silica is, describe tasks with potential exposure, health risks, hazards, and effects associated with exposure, best practices for reducing exposure, employer and employee responsibilities, and the contents of the general industry respirable crystalline silica standard (29 CFR 1910.1053).

Subject Matter

- ❖ Defining Respirable Crystalline Silica
- ❖ Characteristics and Properties
- ❖ Tasks associated with RCS
- ❖ Exposure Information
- ❖ Health Risks and Effects
- ❖ PPE Required & Mitigation Techniques
- ❖ Employee & Employer Responsibilities
- ❖ General Contents of the Standard
- ❖ Medical Surveillance

Objectives

Upon completion of training, employees will be able to:

1. Describe respirable crystalline silica
2. List tasks in the workplace that may result in exposure to respirable crystalline silica
3. State the symptoms and diseases caused by respirable crystalline silica
4. Recall common PPE and prevention methods
5. Recite how often medical evaluations must be performed and the time limit on when they must receive the results

6. Discuss general knowledge of the 1910.1053 Respirable Crystalline Silica Standard

Measurement Device

Test – 33 questions, 70% to pass