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# Course Syllabus:

## SAF-008 Using Compressed Air

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### Overview

Compressed air is dangerous. In fact, it could even be fatal. There is a common misconception that it is safe to “blow off” dust and debris or clean your skin or clothes with compressed air – it isn’t. Even at very low pressures, compressed air can enter through the skin or lungs, enter the bloodstream and cause an embolism, or introduce foreign bodies into the body, which can cause serious harm, permanent disabilities or even death. Additionally, there are hundreds of injuries and dozens of fatalities each year caused by improper use of pneumatic tools, flying debris, or shrapnel from over-inflated tires or other containers.

### Goals

This course contains two short learning modules, including:

- Hazards of Compressed Air
- Using Compressed Air Safely

### Lesson Topics

#### Module 1 – Introduction

- Introduction
- Course Overview
- Course Objectives
- Navigation
- WBT Library
- Glossary
- Learning Assessments
- Additional Information

#### Module 2 – Hazards of Compressed Air

- Compressed Air Hazards
- Sample Injuries
- Internal Injuries
- Flying Objects
- Learning Assessment
- Module 2 - Learning Assessment

### Materials

Computer (PC, laptop)  
Internet Connection: High Speed

### Requirements

You should print and maintain a copy of this course syllabus and overview on file at your facility. It is recommended that you provide a copy of this document in the event of a regulatory agency (e.g., OSHA) inspection.

### Evaluation

Upon completion of the course of instruction, a comprehensive examination will be offered. In order to earn a Certificate of Completion, you must receive at least 80% on the exam. The exam is comprised of at least 10 questions, randomly selected from a database of questions and address each of the lesson topics covered in the course.

## Lesson Topics – cont'd

### **Module 3 – Using Compressed Air Safely**

- Training
- Personal Protective Equipment
- Safe Operating Pressures
- Air Hoses
- Compressed Air Systems
- Pneumatic Tools
- Compressed Air for Cleaning
- Learning Assessment

### **Final Exam Preparation**

- Certification Exam Code