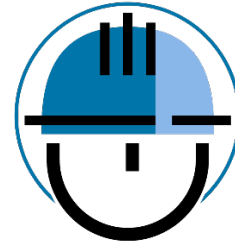


# Basic Orientation

## Version 7.0



### Course Syllabus

Course Length: 6 hours	Prerequisites: None	Hands-on Training: None
<p>Refresher Training: Optional – Available via eLearning</p>	<p>References:</p> <ul style="list-style-type: none"> <li>• SafeLandUSA</li> <li>• SafeGulf</li> <li>• 29 CFR 1910</li> <li>• 29 CFR 1926</li> <li>• International Association of Oil and Gas Producers (IOGP)</li> </ul> <p><a href="#">Full list of references available in course material</a></p>	

### Description

Veriforce’s Basic Orientation Version 7.0 is a one-day safety orientation that is accredited by SafeGulf and SafeLandUSA. This orientation provides general safety information that workers need to know before entering a company facility and while performing their assigned work duties.

Students will learn about hazards they may encounter in their workplace and become familiar with various practices to mitigate those hazards. This program incorporates the International Association of Oil and Gas Producers (IOGP) rules and identifies activities most likely to result in a serious incident or fatality.

### Certifications

Upon successful completion of the course, students receive their Veriforce ID card. This card reflects Veriforce course requirements the student has met. Employers may verify student training on the ID card or online at [www.PECCard.com](http://www.PECCard.com).

### Course Evaluation

Students will receive an exam to verify competency in Basic Orientation Version 7.0 topics.

## Course Components & Objectives

### Module 1

#### 1. Safety & Health

- 1.1. Discuss how companies and workers can promote safety and health.
- 1.2. Describe how behavior-based safety and human performance can enhance safety.
- 1.3. Discuss the purpose of the IOGP Life-Saving Rules and how to implement them in the field.

#### 2. Hazard Recognition

- 2.1. Explain the relationship between hazards and risks.
- 2.2. Explain the purpose of industrial hygiene.
- 2.3. Describe how hazards can be identified and the purpose of a hazard assessment.

#### 3. Hazard Control

- 3.1. Describe the hierarchy of controls and explain how each control can protect workers.
- 3.2. Identify common types of administrative controls.
- 3.3. Describe worker and company responsibilities regarding personal protective equipment (PPE).
- 3.4. Discuss reasons workers do not wear the required PPE.
- 3.5. Identify the common types of PPE required in oil and gas.
- 3.6. Explain the reasons for and the protocol for bypassing safety controls.

#### 4. Hazard Communication

- 4.1. Explain the purpose of the Hazard Communication Standard.
- 4.2. Demonstrate the use of a safety data sheet.

### Module 2

#### 5. Chemical Hazards

- 5.1. Identify the four routes of hazard exposure.
- 5.2. Describe the health effects of hydrogen sulfide and the measures to control exposure.
- 5.3. Describe the health effects of crystalline silica and the measures to control exposure.
- 5.4. Define hazardous atmospheres including environments immediately dangerous to life or health (IDLH).

#### 6. Biological Hazards

- 6.1. Describe how bloodborne pathogens are transmitted and the ways to prevent exposure.
- 6.2. Explain how companies and workers can prevent the spread of infectious diseases.
- 6.3. Discuss how workers can promote workplace and personal hygiene.

#### 7. Physical Hazards

- 7.1. Describe how to control high-pressure hazards.
- 7.2. Describe the health effects of occupational noise and the methods for controlling exposure.
- 7.3. Describe the sources and health effects of NORM/TENORM and the measures to control exposure.
- 7.4. Discuss how workers can prevent cold- and heat-related illnesses.

#### 8. Ergonomic Hazards

- 8.1. Identify proper lifting techniques that can help prevent back injuries.
- 8.2. Describe the safe work practices that can prevent ergonomic-related injuries when using hand and power tools.

#### 9. Organizational Hazards

- 9.1. Describe general company requirements for prohibited items and searches.

- 9.2. Explain what it means to have a drug- and alcohol-free workplace.
- 9.3. Discuss how workers can promote a respectful and welcoming work culture.
- 9.4. Discuss how workers and companies can prevent workplace violence.
- 9.5. Describe what to do in an active shooter situation.
- 9.6. Discuss the causes of work-related stress and the ways to promote mental well-being in the workplace.

#### **10. Hazards Associated with Emergencies and Non-Routine Operations**

- 10.1. Explain the purpose of an emergency action plan.
- 10.2. Recognize how to respond to a medical emergency.
- 10.3. Describe the general procedures for evacuations.

### **Module 3**

#### **11. Safety Hazards**

- 11.1. Explain the importance of housekeeping in preventing hazards.
- 11.2. Discuss how workers can minimize waste and protect the environment.
- 11.3. Describe safe work practices for walking-working surfaces.
- 11.4. Describe the general safe work practices for driving.
- 11.5. Describe hazards and control measures for specialized tasks.
- 11.6. Identify line of fire hazards and measures to prevent exposure.