pec learn
SafeLandUSA™ 2021 Basic

Course Length: 8 hours	Prerequisites: None	Hands-on Training: None
Refresher Training: Optional – Available viaeLearning	References: • SafeLandUSA • SafeGulf • 29 CFR 1910 • 29 CFR 1926	

Description

Veriforce's SafeLandUSA™ 2021 Basic is a one-day safety orientation that is accredited by SafeGulf andSafeLandUSA. 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.

The International Association of Oil and Gas Producers (IOGP) Life-Saving Rules are the foundation of this program. The goal of the Life-Saving Rules is to provide workers in the industry with the actions theycan take to protect themselves and their colleagues from serious injuries and fatalities.

Certifications

Upon successful completion of the course, students receive their PEC ID card. This card reflects PEC course requirements the student has met. Employers may verify student training on the PEC ID Card oronline at www.PECCard.com. The PEC Digital ID card is also available for purchase through PEC's free mobile app.

Course Evaluation

Students receive exams to verify competency in SafeLandUSA™ 2021 Basic topics.

Course Components & Objectives

1. Introduction to IOGP Life-Saving Rules
   - 1.1. Identify IOGP Life-Saving Rules.
2. Safety Culture
   - 2.1. Evaluate your company's safety culture.
   - 2.2. Discuss company and worker roles in creating and sustaining a safety focused culture.
   - 2.3. Compare and contrast human performance tools that can help eliminate human errors.
   - 2.4. Discuss how human performance, behavior, and safety culture play a role in serious injury and fatality prevention.
3. General Safety
   - 3.1. Describe general safety company requirements.

3.2. Explain how communication plays a role in keeping workers safe.

4. Hazard Control
   4.1. Describe how the hierarchy of hazard controls is used to prevent worker exposure to hazards.
   4.2. Compare and contrast administrative control measures that can limit worker exposure to hazards in the workplace.
   4.3. Describe how to complete a Job Safety Analysis.
   4.4. Analyze the IOGP Work Authorisation Life-Saving Rule.

5. Personal Protective Equipment
   5.1. Describe worker responsibility for wearing, using, and maintaining personal protective equipment.
   5.2. Discuss reasons workers do not wear appropriate personal protective equipment.
   5.3. Identify common types of personal protective equipment.

6. IOGP Bypassing Safety Controls Life-Saving Rule
   6.1. Analyze the IOGP Bypassing Safety Controls Life-Saving Rule.

7. Hazard Communication Standard
   7.1. Explain the purpose of the Hazard Communication Standard.
   7.2. Explain the importance of keeping an up-to-date chemical inventory at the worksite.
   7.3. Identify key requirements for product warning labels.
   7.4. Describe how pictograms, signal words, and hazard statements are used to communicate hazards to workers.
   7.5. Demonstrate how to use a safety data sheet.

8. Environmental
   8.1. Identify the different types of waste.
   8.2. Describe ways to minimize waste at the jobsite.
   8.3. Explain the purpose of the Hazardous Waste Operations and Emergency Response (HAZWOPER) Standard.

9. Industrial Hygiene
   9.1. Identify the major routes of exposure in which hazards may enter the body.
   9.2. Describe the sources, symptoms of exposure, and control measures for hydrogen sulfide and crystallinesilica.
   9.3. Describe biological hazards, how they are transmitted, and the methods to control exposure.
   9.4. Identify common physical hazards and the control measures for preventing worker exposure.

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

11. Excavation and Trenching
   11.1. Compare and contrast an excavation and a trench.
   11.2. Describe the role of the competent person.
   11.3. Identify the hazards and control measures for excavation and trenching.

12. IOGP Hot Work Life-Saving Rule
   12.1. Explain fire theory and the fire tetrahedron.
   12.2. Compare and contrast fire prevention, detection, and suppression.
   12.3. Identify hot work activities.
   12.4. Describe hot work hazards and control measures.

12.5. Analyze the IOGP Hot Work Life-Saving Rule.

13. IOGP Energy Isolation Life-Saving Rule

13.1. Explain the purpose of energy isolation.
13.2. Identify devices associated with energy isolation.
13.3. Compare and contrast the levels of training and worker responsibilities.
13.4. Describe the types of lockout/tagout procedures.
13.5. Analyze the IOGP Energy Isolation Life-Saving Rule.

14. IOGP Confined Space Life-Saving Rule

14.1. Define a permit-required confined space.
14.2. Identify the hazards of permit-required confined spaces.
14.3. Describe the measures for controlling permit-required confined space hazards.
14.4. Compare and contrast the different roles associated with permit-required confined space work.
14.5. Analyze the IOGP Confined Space Life-Saving Rule.

15. Electrical Safety

15.1. Define terminology related to electrical work.
15.2. Identify hazards and unsafe work practices.
15.3. Describe how unqualified workers can help prevent electrical injuries.

16. IOGP Working at Heights Life-Saving Rule

16.1. Explain the importance of housekeeping in preventing hazards.
16.2. Describe safe work practices for walking working surfaces.
16.3. Identify the parts of a personal fall arrest system.
16.4. Describe general requirements for maintaining and inspecting a personal fall arrest system.
16.5. Analyze the IOGP Working at Heights Life-Saving Rule.

17. IOGP Safe Mechanical Lifting Life-Saving Rule

17.1. Describe general requirements for lifting equipment.
17.2. Describe training requirements for operating lifting equipment.
17.3. Explain the purpose of a lift plan.
17.4. Describe safe work practices for mechanical lifting.
17.5. Analyze the IOGP Safe Mechanical Lifting Life-Saving Rule.

18. IOGP Line of Fire Life-Saving Rule

18.1. Analyze the IOGP Line of Fire Life-Saving Rule.

19. IOGP Driving Life-Saving Rule

19.1. Analyze the IOGP Driving Life-Saving Rule.