

OESAC Course Submittal - Bloodborne Pathogens Awareness & Safety

Course Overview

This course provides participants with essential knowledge and skills to recognize, prevent, and respond to occupational exposure to bloodborne pathogens (BBPs). The training is designed in accordance with OSHA Standard 29 CFR 1910.1030 and emphasizes workplace safety procedures, proper use of personal protective equipment (PPE), and compliance with exposure control plans. Participants will learn how to identify potential sources of exposure, understand modes of transmission for common bloodborne diseases (such as Hepatitis B, Hepatitis C, and HIV), and apply best practices for exposure prevention and post-exposure response. The course includes lecture-based instruction, visual demonstrations, and scenario-based discussions to reinforce learning. By the end of the training, participants will have a clear understanding of regulatory requirements, employer and employee responsibilities, and practical methods to reduce risks in their work environment.

Learning Objectives

- Define bloodborne pathogens and list common diseases associated with occupational exposure.
- Describe how bloodborne pathogens are transmitted in the workplace.
- Identify tasks and procedures that may put workers at risk of exposure.
- Explain the components of an Exposure Control Plan and its role in workplace safety.
- Demonstrate knowledge of proper PPE selection, use, and disposal.
- Describe the steps to take in the event of an exposure incident, including reporting and medical follow-up.
- Understand applicable OSHA requirements and employee rights under the standard.

Condensed Course Summary

This course provides essential training on recognizing, preventing, and responding to occupational exposure to bloodborne pathogens in compliance with OSHA 29 CFR 1910.1030. Topics include modes of transmission, common diseases (Hepatitis B, Hepatitis C, HIV), identifying exposure risks, proper use of PPE, components of an Exposure Control Plan, and post-exposure response procedures. Designed for employees with potential occupational exposure, this 1-1.5-hour course combines lecture, discussion, and case scenarios to reinforce safe work practices and regulatory compliance.

Course Outline with Time Allocations

Section	Description	Time Allocation
1. Introduction	Welcome, objectives, importance, OSHA overview	5 min
2. Understanding Bloodborne Pathogens	Definition of bloodborne pathogens; Common diseases: Hepatitis B (HBV), Hepatitis C (HCV), Human Immunodeficiency Virus (HIV); Myths vs. facts about transmission	10 min
3. Modes of Transmission	Contact types, sharps hazards, mucous membrane exposure	10 min
4. Identifying Exposure Risks	Job tasks, OPIM recognition	10 min
5. Exposure Control Plan	Exposure Control Plan (ECP) Purpose, components, engineering and work controls	10 min
6. Personal Protective Equipment (PPE)	Proper use, disposal, limitations	10 min
7. Post-Exposure Response	Immediate actions, reporting, medical follow-up	10 min
8. Vaccinations & Medical Considerations	Hepatitis A & B vaccinations, employee rights & employer responsibilities	5 min
9. Summary & Review	Key takeaways, safe practices reinforcement	5 min
10. Assessment	Quiz or verbal Q&A	5 min

Course Length: 1.0-1.5 hours

Format: Lecture, discussion, visual aids, case scenarios

Assessment Method: Written or verbal quiz

Intended Audience: Employees with potential occupational exposure to bloodborne pathogens, including public works, utility workers, first responders, and maintenance staff.

Regulatory Reference:

(Federal) OSHA 29 CFR 1910.1030 - *Bloodborne Pathogens Standard*

(State-Oregon) OAR 437, Division 2/Z, 1919.1030- *Bloodborne Pathogens*