

**COURSE TITLE**

Water Industry Bloodborne Pathogens Safety

**COURSE DURATION**

1 hour

**OVERVIEW**

Blood and other potentially infectious materials pose a serious threat to employees who are exposed to these materials. Injuries from contaminated needles and other sharps have been associated with an increased risk of disease from more than 20 infectious agents. The primary agents of concern in current occupational settings are the human immunodeficiency virus (HIV), hepatitis B virus (HBV), and hepatitis C virus (HCV). This course explains the requirements for complying with this standard as well as provides practical information on the various diseases and protection strategies associated with bloodborne pathogens. The course incorporates the 2001 OSHA revisions to the standard that were made in compliance with the Needlestick Safety and Prevention Act.

This training course has 20 learning modules with a 10-question exam.

**PREREQUISITES**

No prior knowledge is required.

**BEHAVIORAL OBJECTIVES**

After successfully completing this course, you will be able to determine:

- What bloodborne pathogens are and how they are spread
- OSHA's requirements for protecting workers from infection
- How to minimize exposure incidents
- What to do after an exposure incident

**COURSE OUTLINE**

- Introduction – 2 minutes
- Key Terms – 5 minutes
- Extent of the Problem – 2 minutes
- The OSHA Standard – 3 minutes
- How Infections Occur – 5 minutes
- Bloodborne Diseases of Concern – 3 minutes
- Hepatitis B Virus (HBV) – 2 minutes
- Hepatitis C Virus (HCV) – 3 minutes
- Human Immunodeficiency Virus (HIV) – 2 minutes
- Preventing Infection – 3 minutes
- Exposure Control Plan – 2 minutes
- Universal Precautions – 2 minutes
- Minimizing On-the-Job Risks – 2 minutes
- Personal Protective Equipment – 3 minutes
- Disinfection and Disposal – 5 minutes
- Vaccination – 2 minutes
- Labeling – 1 minute
- Training – 3 minutes
- Post-Exposure Medical Care – 5 minutes
- Post-Exposure Responsibilities – 1 minute
- Documentation – 2 minutes
- Summary – 2 minutes

**AVAILABILITY**

This course is offered online and is available 24 hours a day, 7 days a week, 365 days a year.

**TRAINING METHODOLOGY & EVALUATION**

This course is self-paced online training. Review exercises and case studies reinforce the content, and students are evaluated with a multiple-choice exam. Upon completion, students are prompted to submit a course evaluation.

**REFERENCES**

Harding, Anne. "Pros and Cons of New Hepatitis C Drugs." Everyday Health. Last modified April 7, 2015.  
[www.everydayhealth.com/news/pros-cons-new-hepatitis-treatments-patients/](http://www.everydayhealth.com/news/pros-cons-new-hepatitis-treatments-patients/).

U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health (NIOSH), Worker Health Chartbook 2004, NIOSH Publication No. 2004-146.

U.S. Department of Labor, Occupational Safety and Health Administration (OSHA), Occupational Exposure to Bloodborne Pathogens; Needlestick and Other Sharps Injuries; Final Rule. - 66:5317-5325, 2001.

U.S. Department of Labor, Occupational Safety and Health Administration (OSHA), Bloodborne Pathogens Standard, 29 CFR 1910.1030 (Dec. 1991).