

**Kathryn S. Hartman, REHS**

**Organization, Corporation or Agency Name:**

Your Training Place Online

Body Art Training Group

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PO Box 689

Del Mar, CA 92014

**On-line course available at:** <http://www.yourtrainingplace.com>

**Online course title:** Bloodborne Pathogens and Infection Control for Environmental Health Professionals

**Contact hours:** 2

The body art practitioner version of this course is available at:

<http://bodyarttraininggroup.com>

The above course can be reviewed at:

<http://www.bodyarttraininggroup.com/uploads/demo/player.html>

This web address is confidential and should be given only to the evaluators of this course. Comments from evaluators would be appreciated.

The environmental health version of above course will have some changes in the narration, the quizzes, and the final examination to reflect the needs and education level of a Registered Environmental Health Specialist.

The certificate of Completion will be modified to comply with the requirements in section 7 of the CEHA Recognized Provider Application form.

This course provides training as required by the Code of Federal Regulations, 29 CFR 1910.1030, and the California Code of Regulations, CCR Title 8, Section 5193. Phone and live chat are used to meet OSHA's requirement for students to be able interact with the instructor, and to ask questions and to receive answers during the course. This course can be used to satisfy OSHA's requirement for initial and annual bloodborne pathogens training.

### **Who should take this course?**

Anyone who has a potential for exposure to blood or other potentially infectious materials while performing his or her routine work functions needs to receive bloodborne pathogens training. This course uses the setting of a body art shop as an example of a workplace where such occupational exposure may occur. In addition to body art professionals, those who have potential exposure to bloodborne pathogens include:

- Registered Environmental Health Specialists
- Body art facility inspectors
- Other environmental health professionals

### **Course Objectives**

After completing this course the student should be able to:

- Identify common bloodborne pathogens, their symptoms, and their paths of transmissions
- Explain what an Exposure Control Plan is and how it can be expanded into an Exposure Control and Infection Prevention Plan
- Recognize tasks and procedures that have a potential for causing exposure to bloodborne pathogens, and which measures to take to protect himself or herself
- List the steps to follow after an exposure incident, and explain what is provided in a post-exposure evaluation and follow-up
- Explain how to use signs, labels, biohazard symbols, and color coding to communicate hazards and protect everyone in the workplace

- Explain the basics of infection control, and how to incorporate infection control strategies into every day work practices and procedures

## **Course Construction**

This course has an introduction, five training modules, and a final examination.

### **Introduction**

The student is welcomed to the course and directed to the "About this course" button to:

- Review general information about the course
- Learn how to navigate through the course
- Learn how to ask questions and get answers from the instructor
- Learn how to set up communications
- Learn about the instructor

### **Module 1 - OSHA**

This module is arranged into the following sections:

- OSHA
- NIOSH
- The Bloodborne Pathogens Standard
- Definitions and Examples
- Summary
- Quiz # 1

After completing this module student should be able to:

- Describe what OSHA does
- Describe what NIOSH does
- Describe the Bloodborne Pathogens Standard and explain who it covers
- State OSHA's definition of blood and OPIM
- Name examples of OPIM

### **Module 2 - Pathogens and Disease**

This module is arranged into the following sections:

- Pathogens and Bloodborne Pathogens
- Bacteria
- MRSA, Endocarditis, TB
- Viruses
- Herpes, Hepatitis, HIV
- Summary
- Quiz #2

After completing this module the student should be able to:

- Define bacteria
- Name significant bacteria and the diseases they cause, explain how they are transmitted, prevented, and treated
- Define viruses

- List the symptoms of hepatitis B, C, D and HIV, and explain how these viruses are transmitted, treated, and prevented

### **Module 3 - Chain of Infection**

This module covers the following topics:

- Infection and disease
- The Chain of Infection
- Using the Chain of Infection model to analyze tasks and prevent cross-contamination
- Breaking the reservoir link
- Breaking portal links
- Breaking the transmission link
- Breaking the susceptible host link
- Summary
- Quiz 3

After completing this module the student should be able to:

- Name the links in the chain of infection
- Use the chain of infection model to explain how infection can be spread
- Identify the links in the chain of infection in a body art shop
- Explain how to break the chain of infection in a body art shop

### **Module 4 - Exposure Control and Infection Prevention Plans**

This module is arranged into the following sections:

- Exposure Control Plan (ECP) requirements
- Exposure Control and Infection Prevention Plan (ECIPP)
- Exposure determination
- Universal Precautions versus Standard Precautions
- Elements of an effective ECIPP
- Summary
- Quiz 4

After completing this module student should be able to:

- Define what an ECIPP is and explain how it is used to make a safe work environment
- Conduct an exposure determination
- Determine which elements should be included in a shop ECIPP
- Explain the role played by both the owner and the workers in the development and maintenance of an effective shop ECIPP

### **Module 5 - Compliance -Satisfy Regulators and Work Safely**

This module is arranged into the following sections:

- Engineering controls
- Work practice controls
- Hand care and hand hygiene
- Selecting and using appropriate personal protective equipment
- Donning and removing gloves

- Work practice controls and strategies to prevent cross-contamination and keep the shop clean
- Client protection strategies
- Personal protection strategies
- Procedures to follow after an exposure incident
- Hazard communication
- Record keeping
- Summary
- Final examination

After completing this module the student should be able to:

- Define engineering controls and give examples
- Define work practice controls and give examples
- Define hand hygiene and explain how to choose the appropriate method
- Perform hand hygiene correctly
- Select and use PPE correctly
- Put on and remove gloves correctly
- Define decontamination
- Choose the right chemical for the job and use it correctly
- State how to use barriers to protect surfaces
- Evaluate set-up and tear-down procedures for potential cross-contamination
- Define decontamination and sterilization and explain the difference
- Evaluate methods used to clean, package, sterilize, and store equipment.
- Monitor the sterilization process
- Explain the importance of using personal protection strategies such as hepatitis B vaccination and TB testing
- Define an exposure incident and explain the steps to follow
- Explain what happens during a post- exposure evaluation and follow-up
- Evaluate the use of labels and signs to communicate hazards in a shop
- Discuss the types of records that must be kept

## **Professional biography**

# Kathy Hartman

**Employment:** 2007 – Present Owner of the Body Art Training Group

Prior employment includes working as an Environmental Health Specialist for the County of San Diego and working in a hospital as a Clinical Microbiologist

**Contributions to  
Body Art  
Legislation:**

2008 Wrote proposed body art ordinances for San Diego County

2001 – 2002 As a sole source contractor for the California Department of Health Services, wrote the original proposed regulations, the "Initial Statement of Reasons" and the "Economic and Fiscal Impact Statement" for AB 186, and served as a consultant to the AB 186 Task Force

1998 As a consultant to the California Conference of Local Health Officers, wrote proposed body art standards for AB 186

Chairperson of San Diego Dept. of Environmental Health Task Force; helped revise local ordinances on tattooing to include body piercing

Organized and conducted an Industry Outreach Meeting for body artists to comment on proposed Assembly Bill 186

**Seminar  
Presentations:**

2010 "Body Art Safety" for China Tattoo Seminars, Shanghai, China

2007 – 2010 Bloodborne Pathogens seminars for Mega Productions in California, Colorado, Illinois, and Texas

2009 "Bloodborne Pathogens Training for Electrolyg Professionals" at the Annual Conference of the American Electrolyg Association, Las Vegas, Nevada

2008 "Developing an Exposure Control & Infection Prevention Plan" for the Bay Area Regional Body Art Safety Training Seminar sponsored by California Alliance for the Promotion of Safe Body Art and the Counties of

Monterey, San Mateo, San Francisco, Santa Clara, and Santa Cruz

"Developing an Exposure Control and Infection Prevention Plan" for the Fifth Annual San Diego Body Art Safety Training Seminar

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| 2007               | "Inspecting Body Art Facilities" pre-conference seminar for California Environmental Association (CEHA), Annual Educational Seminar, San Diego   |
| 2005               | "Partnering with Industry to Develop a Cutting-Edge Body Art Program" for California Environmental Association, Annual Educational Symposium   |
| 2004               | "Bloodborne Pathogens Training" Annual Conference of California Alliance for the Promotion of Safe Body Art<br><br>"Body Art Safety" for U.S. Naval Air Station North Island, San Diego, CA                        |
| 2003               | "Body Art Regulations" for California Environmental Health Association, Annual Educational Symposium, Napa Valley, California  |
| 2002               | "Will Current Trends in Body Art Regulation Affect the Transmission of Hepatitis B, Hepatitis C and other Bloodborne Pathogens?" for 7 <sup>th</sup> World Congress on Environmental Health, San Diego, California |
| 1997               | "On Pins & Needles" body art training for San Diego County health inspectors   |
| <b>Leadership:</b> |  |
| 2009 – Present     | Member, California State Body Art Act of 2009, AB 517 Body Art Committee   |
| 2003 – Present     | Editor of the California Environmental Health Association's CEHA Bulletin and now member of the Editorial Board of its successor publication, California Journal of Environmental Health                           |
| 2003 – 2010        | Co-founder and Member of the Board of Directors, California Alliance for the Promotion of Safe Body Art, a 501(c)(3) non-profit corporation  |
| 2001 – 2002        | President, San Diego Chapter, California Environmental Health Association  |

	2000 – 2001	Secretary, San Diego Chapter, California Environmental Health Association
<b>Published Articles and Booklets:</b>	2007	“Fourth Annual Body Art Safety Training Seminar-- Another Success”, <i>CEHA Bulletin</i> , Winter, 2007.
	2006	Co-author, <i>Bloodborne Pathogens Training</i> , booklet published by Body Art Training Group
		“Southwest Chapter Joins CAPSBA and DEH to Sponsor the Third Annual Body Art Training Seminar”, <i>CEHA Bulletin</i> , Winter, 2006
	2005	Co-author, “Partnering With Industry to Create a Cutting-Edge Body Art Program”, <i>CEHA Bulletin</i> , Fall, 2005
		“The Lancaster Symposium--A Great Opportunity to See Things from Another Point of View and to Make Great Friends”, <i>CEHA Bulletin</i> , Fall, 2005
	2004	<i>How to Start a Body Art Business</i> , San Diego County Department of Environmental Health booklet
	2003	“Developing the Future of Body Art Regulation”, <i>CEHA Bulletin</i> , Winter, 2003
<b>Honors:</b>	2010	Presidential Citation, California Environmental Health Association, for distinguished service on behalf of the profession
	2008	Presidential Citation, California Environmental Health Association, for distinguished service on behalf of the profession
	2006	Distinguished Service Award, California Environmental Health Association, for improving body art safety in the State of California
	2005	Presidential Award for representing the California Environmental Health Association as its delegate to the Lancaster Symposium of the Chartered Institute of Environmental Health, North Western Centre, United Kingdom.

**Designations:**

- Registered Environmental Health Specialist, State of California
- Occupational Safety and Health Administration(OSHA) Authorized General Industry Trainer

**Education:**

- B.S. Biology, California Polytechnic State University
- Attended Graduate School Of Biology, New York University

**References**

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