

Overview of Health Care Industry's Health and Safety Hazards



HAZARDS ENCOUNTERED ON HEALTH CARE SETTINGS AND COMMONLY CITED VIOLATIONS

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1/10/2013

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Objectives



- Overview of key hazards found at health care settings
- Key general industry safety orders pertaining to hazards in the health care industry
- Methods and controls to eliminate reduce hazards

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Major Standards



- Section 5199 Aerosol Transmissible Diseases (ATD)
- Section 5193 Bloodborne Pathogens (BBP)
- Section 3342 Violence Prevention in Health Care
- Section 5120 Health Care Worker Back and Musculoskeletal Injury Prevention
- Section 5194 Hazard Communication
- Section 5144 Respiratory Protection
- <https://www.dir.ca.gov/samples/search/query.htm>

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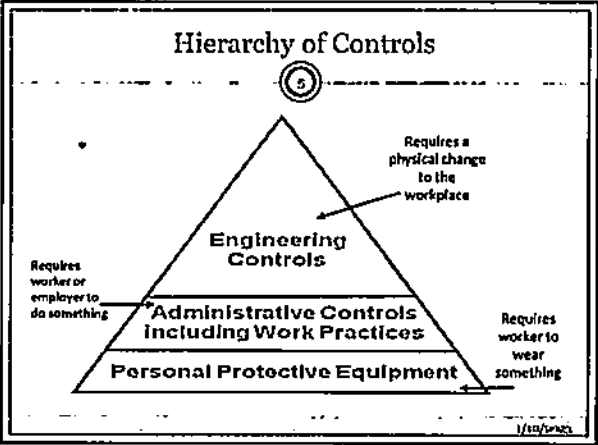
Most Cited Standards In Health Care Settings (Oct 2021 to Oct 2022)

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- 5199 Aerosol Transmissible Diseases
- 3203 Injury and Illness Prevention Plan (IIPP)
- 3342 Violence Prevention in Health Care
- 342 Reporting Work-Connected Fatalities and Serious Injuries
- 3205 COVID-19 Prevention
- 5164 Storage of Hazardous Substances
- 5144 Respiratory Protection
- 5193 Bloodborne Pathogen
- 5194 Hazard Communication

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Common Hazards in Health Care

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- Repetitive Tasks
- Needle sticks and other sharps
- Violence
- Slip and Fall
- Latex Allergies
- Infectious Agents
- Chemicals

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**CCR Title 8, Section 5193
Bloodborne Pathogens Standard**

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Scope: Applies to all occupational exposure to blood or other potentially infectious materials (OPIM). (Exempt: Construction Industry)

- **Bloodborne Pathogens:** pathogenic microorganisms that are present in human blood and can cause disease in humans. These pathogens include, but are not limited to, hepatitis B virus (HBV), hepatitis C virus (HCV) and human immunodeficiency virus (HIV).
- **OPIM:** Body fluids, body fluids contaminated with blood, body fluids where it's difficult or impossible to differentiate, tissue or organ

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**CCR Title 8, Section 5193
Bloodborne Pathogens Standard**

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- **Exposure Control Plan (ECP) elements**
 - Exposure Determination
 - Methods of Compliance
 - HIV, HBV and HCV Research Laboratories and Production Facilities
 - Hepatitis B Vaccination and Post-exposure Evaluation and Follow-up
 - Communication of Hazards
 - Recordkeeping
- ****Must be reviewed and updated at least annually and when necessary.**

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Method of Compliance

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- **Universal Precautions**
- **Engineering and Work Practice Controls**
 - ESIP, sharps Containers, regulated Waste, Prohibited Practices
 - Biological Safety Cabinets (Research Labs and Production Facilities)
- **Personal Protective Equipment**
 - Gloves, eye protection, masks, face shields, respirators
 - Must ensure the use of PPE
 - Accessible
 - Replace

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CCR Title 8, Section 5199
Aerosolize Transmissible Diseases

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- Scope: Work Settings
 - Health care
 - Hospitals, skilled nursing facilities
 - Clinics and other outpatient settings
 - Home health, hospice
 - Emergency medical services, medical transport
 - Some public health operations
 - High risk environments
 - Correctional facilities, homeless, shelters, drug treatment programs
 - Law enforcement
 - Laboratories performing aerosol-generating procedures
 - Maintenance, service or repair operations involving air handling systems contaminated with aerosol transmissible pathogens.

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CCR Title 8, Section 5199
Aerosolize Transmissible Diseases

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ATD Exposure Control Plan

- Identify person responsible for administering the plan
- List of job classifications of employees that have occupational exposure
- List of all high hazard procedure
- List of assignments or tasks requiring respiratory protection
- Methods of implementation
- Source control measures
- Procedures to identify, temporarily isolate and refer or transfer A/TD cases
- Exposure Incident procedures
- Communication procedures – suspected cases and exposure incidents
- Recordkeeping procedures
- Training Procedures
- Surge Procedures – e.g. biological agent release

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CCR Title 8, Section 5199
Aerosolize Transmissible Diseases - Controls

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- Engineering Controls
 - Isolation Rooms
 - Ventilation System e.g. negative pressure rooms, biological safety cabinets
- Work practices
 - Written source control procedures
 - Guideline for Isolation Precautions (June 2007, CDC)
 - Cough etiquette
 - Decontamination procedures
- PPE
 - Respirator, gloves, safety goggles

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**CCR Title 8, Section 3342
Violence Prevention in Health Care**

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- **Scope**
 - Health facilities
 - Home health care and home-based hospice
 - Emergency medical services and transport
 - Drug treatment programs
 - Correctional and detention settings
- **Workplace violence means any act of violence or threat of violence that occurs at the work site. Does not include lawful acts of self-defense or defense of others.**
 - Threat of violence
 - Use of physical force
 - Use of firearm or dangerous weapon

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Workplace Violence Types

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- **Type 1**
 - Committed by a person who has no legitimate business at the work site.
- **Type 2**
 - Committed by customers, clients, patients, students, inmates, or visitors or other individuals accompanying a patient.
- **Type 3**
 - Violence committed by present or former employee, supervisor, or manager
- **Type 4**
 - Committed by someone who does not work there but has or is known to have a personal relationship with an employee

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**CCR Title 8, Section 3342
Violence Prevention in Health Care**

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- **Workplace Violence Prevention Plan**
 - Person responsible
 - Involving employees and their representatives
 - Coordinate implementation of the plan with other employers
 - Procedures for obtaining assistance from law enforcement agency during all shifts
 - Respond to reports of workplace violence
 - Compliance procedure for supervisory and non-supervisory employees
 - Communicate workplace violence matters to employees
 - Training procedures
 - Assessment procedures
 - Procedures to correct workplace violence hazards
 - Post incident response and investigation

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**CCR Title 8, Section 3342
Violence Prevention in Health**

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3342(d) – Violence Incident Log. Record every incident, post-incident response, and workplace violence investigation.

3342(e) – Review the effectiveness of the Plan, at least annually. Done in conjunction with employees and their representatives.

3342(g) – Reporting Requirements for General Acute Care Hospitals, Acute Psychiatric Hospitals and Special Hospitals (none in CA).

- physical force against employee by a patient or person accompanying a person that resulted in injury or likelihood of resulting in injury, trauma, or stress
- incident involving firearm or other dangerous weapon, regardless of whether an employee sustains an injury.

<https://www.dir.ca.gov/dnsh/workplace-violence-reporting-for-hospitals.html>

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**CCR Title 8, Section 5120
Health Care Worker Back and Musculoskeletal Injury Prevention**

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• **Scope**

- o Shall apply to all general acute care hospital

Exemptions:

-This Section shall not apply to general acute care hospitals within the Department of Corrections and Rehabilitation or the State Department of Developmental Services.

-This section shall not apply to units within a general acute care hospital that are separately licensed as a distinct part under Title 22 Section 70625 and 70627 (Skilled Nursing Service).

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**CCR Title 8, Section 5120
Health Care Worker Back and Musculoskeletal Injury Prevention**

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• **Patient protection and health care worker back and musculoskeletal injury prevention plan**

- o Safe patient handling policy
- o Responsible person
- o Methods that will use to implement the Plan with other employer's employees.
- o Compliance procedure for supervisory and non-supervisory employees
- o Identifying and evaluating patient handling hazards procedures
- o Incident investigation
- o Hazard Correction Procedures
- o Training procedures (Initial and annual refresher training)

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Contributing Factor to Back Injuries

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- Manual lifting
- Lateral transfer
- Ambulating
- Repositioning in bed or chairs
- Manipulating extremities
- Transporting patients, equipment's
- Stopping falls or transfers from the floor
- Assisting in surgery

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Improvement Options

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- Patient handling assessment (Independent, minimum assistance, totally dependent)
- Assist equipment and devices
- Safe work practices
- Lift teams
- Other measures (e.g. proper equipment maintenance, immediate reporting of unserviceable equipment)
- Comprehensive training

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Any Questions??

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