

# PERSONAL PROTECTIVE EQUIPMENT



Why do we care?

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Risk Control Managers



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## Why Do We Care?



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## What PPE Standards Apply?



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## What are you required to do:

ALL EMPLOYERS ARE REQUIRED TO:



- Assess hazards and develop controls to eliminate hazards to employees
- Select and provide PPE
- Prevent use of damaged PPE
- Train employees




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## General PPE Standard (8 CCR 3380)



- Head Protection
- Eye and Face Protection
- Hand and Arm Protection
- Foot Protection
- Body Protection




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## What PPE Standards Apply?

California Code of Regulations, Title 8



- Respiratory Protection, 5144
- Hearing Conservation, 5095
- Construction Safety Orders, Subchapter 4
- Electrical Safety Orders, Subchapter 5
- Bloodborne Pathogens, 5193
- Personal Protective Clothing and Equipment for Firefighters, Article 10.1




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## Industry Specific Standards

- Apply hazard or industry-specific standards first:
  - HAZWOPER
  - Confined Space
  - Welding
  - Telecommunications
  - Bloodborne Pathogens
- Apply general PPE standard where there is no hazard or industry-specific PPE requirement



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## Hazard Assessment for PPE



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## Conduct Hazard Assessment for PPE

- Conduct walk-through survey of facility or operations
- Select PPE based on assessment



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## Conduct Hazard Assessment

### Applies to:

- Head Protection (3381)
- Eye and Face (3382)
- Hand (3384)
- Foot (3385)
- Body (3383)




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## Controlling Hazards

### Hierarchy of controls:

- Engineering
- Work Practice
- Administrative
- PPE




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## Hedge Trimming - Assessment

- Prepare and test tools and equipment




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### Hedge Trimming - Assessment

- Load vehicle
- Travel to work site



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### Hedge Trimming - Assessment

- Unload vehicle
- Trimming hedges
- Raking
- blowing



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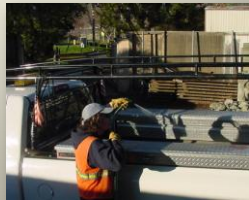
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### Hedge Trimming - Assessment

- Load/unload materials, tools, and equipment
- Travel to corporation yard
- Clean tools, equipment and vehicle



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## Select and Provide Appropriate PPE

- Match to the hazard
- Safe design and construction
- Correct size for maximum protection
- Doesn't interfere with movements



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## Eye/Face Protection (8 CCR 3382)

- Flying particles
- Acids or caustic liquids
- Welding



- Light that could injure eyes (lasers, ultraviolet, infrared, radiation)
- Infectious body fluids
- ANSI Z87.1-1989



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## Head Protection (8 CCR 3381)



- Moving/falling objects
- Bump heads on objects or equipment
- Contacting an electrical source
- ANSI Z89.1-1997



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## Hand Protection (8 CCR 3384)



- Severe cuts, lacerations, or abrasions
- Punctures
- Thermal burns
- Harmful temperature extremes
- Chemical hazards
  - Absorption of harmful substances
  - Chemical burns
  - Rashes, irritation



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## Foot Protection (8 CCR 3385)



- Objects which could
  - Fall (Impact)
  - Roll (compression)
  - Pierce or cut the sole or uppers (puncture)
- Electrical hazards
- Chemical hazards
- ASTM F 2412-05, ASTM F 2413-05



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## Body Protection (8 CCR 3383)



- Intense heat
- Splashes (hot metal/liquids)
- Impact
- Cuts
- Hazardous chemicals
- Infectious materials, blood
- Radiation



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## Training

- All exposed employees
- Customize to specific processes and hazards
- Document



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## Proper Use

- Make sure employees are properly using required PPE
- Supervisors enforce the use and care
- Follow up training when necessary



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## Cleaning & Maintenance

- Pre-use Inspection
- Cleaned/maintained per manufacturers' instructions



- Discard defective PPE



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## Cost of PPE



- Most PPE must be provided at no cost to employees
- Proposed standard
- 8 CCR 3380.1, Employer Duty to Pay for Personal Safety Devices and Safeguards



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## BRS - Available Resources

- Written Sample Policy
- Development Guide
  - PPE Hazard Assessment Certification form
  - JHA PPE Assessment Form
- BRS Risk Control



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## THANK YOU



Look out for information on our next webinar:  
September 7, 2011 – Confined Space



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## Disclaimer

PLEASE BE ADVISED

Nothing in the written material shall be considered the legal advice of counsel. Any such questions should be directed to your own legal counsel. The purpose of this material is to help educate employers, employees, and others on how to control risk. The principals and employees of BRS assume no liability for any use of this information. This information is considered reliable, but we cannot assume its effectiveness or that all potential hazards are addressed. This information does not ensure compliance with federal, state or local regulations. Your use of this information is not a guarantee that losses will be prevented or reduced, nor is this information a substitute for your responsibility to administer your safety program.



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