

PERSONAL PROTECTIVE EQUIPMENT (PPE)

OSHA Standard

29 CFR

1926.95

1910 Sub Part I

WHAT YOU WILL GET

- Understand what the law says
- Policies that will protect you...exceed the standard
- Different types of PPE and what it protects
- Simple care and maintenance of you PPE
- Components of a PPE program at your work
- Years of field trainings condensed in this easy and efficient course

THIS COURSE IS YOURS

- Download the slides for field training
- Enroll colleagues and employees in this course
- Download the videos for group training
- Use this course as initiative
- Present it to employers and safety departments

YOUR FAMILY NEEDS YOU

- Your responsibility to protect yourself:
 - Family
 - Co-workers
 - Employers
 - Yourself



7 MOST EXPENSIVE WORDS IN BUSINESS

- “But we have always done it this way”
- The world is changing rapidly, and we need to adapt and overcome
- Things we have put our bodies through assuming we’ve been doing ‘it’ the right way.
- There is always a safer way to do something.
- Just because ‘its always been done’ a certain way, doesn’t mean its right.
- Because something has been a certain way is usually because it’s the cheap way of doing it, and when you do things to save money, risk increases.
- Pause...Think! You have all the tools.

HERO

- Be an enabler, promote keeping yourself, and others safe.
- Be a hero...remain open to new ideas in safety, and YOU discover ways to save lives by preventing bad accidents from happenig in the first place.



THE LAW



- 29 CFR 1926.95 Protective equipment including personal protective equipment for **eyes, face, head, and extremities**, protective clothing, respiratory devices, and protective shields and barriers shall be provided, used and maintained in a sanitary and reliable condition wherever it is necessary by reason of **hazards or processes or environment, chemical hazards, radiological hazards, or mechanical irritants encountered in a manner capable of causing injury or impairment in the function of any body part through absorption, inhalation, or physical contact.**

POLICY THAT PROTECTS YOU!

- Maintain and clean your PPE
 - Inspect your PPE prior to use
 - Equipment must be used in the manner it was designed for
 - Right personal protective equipment for the right job
 - Training on proper use of the personal protective equipment
 - No Exceptions
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Types of PPE
&
What They Protect

- Hard Hats: Head
- Safety Glasses: Eyes
- Safety Vests: Body and clothing
- Gloves: Hands Fingers, & Arms
- Safety Boots/Shoes: Feet
- Face Shields: Eyes & Face
- Earplugs and ear muffs: Hearing and ears
- Metatarsal Protection: Feet
- Respirator mask: Lungs
- Welding shields: Eyes & Skin
- Rubber boots: feet and skin

All phases of
work!

Hard hat

Safety Glasses

Safety Vest

Gloves

Boots





Use for protection against **falling or flying objects, electrical and bump hazards**



Use for protection from **dust, dirt, metal, chemical splash, and flying objects**



Use for protection against being **struck by heavy equipment** operating at the site. Protects against **hazardous chemicals**



Use for protection against **sparks, moderate heat, blows, chips and rough objects**. Protects against **chemicals, cuts, and abrasions**.



For protection against heavy **objects striking the foot**, sharp objects **piercing the soles**, slippery surfaces, and **electrical hazards**



Protects face against
**flying objects and
chemical splash**

Protects against **excessive
noise. Wear at decibel
levels greater than 85db**



=



Protects feet against **high
pressure impacts, falling
objects and being struck. Use
when operating a jumping
jack**

Protects lungs from **harmful
dusts, vapors, or mists
such as concrete dust and
paint**



Protects against retinal burn,
cataracts, and blindness that
can occur from **welding**



Protects feet from chemical
burn from **concrete**
chemicals present during
concrete pours

A SIMPLE YET EFFECTIVE PERSONAL
PROTECTIVE EQUIPMENT PROGRAM FOR YOU
TO USE.

A GOOD PPE PROGRAM FOR YOU TO USE

- Clean safety glasses daily



SAFETY GLASSES (DIFFERENCES)



VS



A GOOD PPE PROGRAM FOR YOU TO USE

- Any grinder, anywhere =
DUST MASKS!!



A GOOD PPE PROGRAM FOR YOU TO USE

- Tape the tops of rubber boots, or pull pant legs over the boots to prevent chemical burns resulting from 'spillage' into the boot.



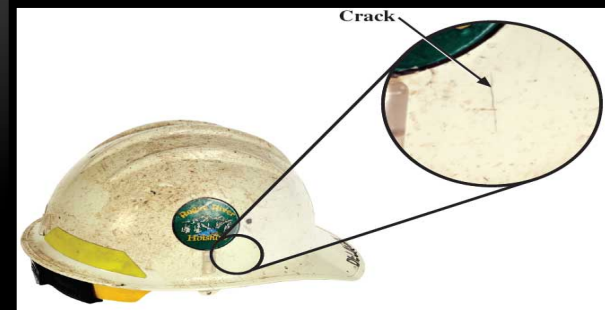
A GOOD PPE PROGRAM FOR YOU TO USE

- Inspect, clean, and maintain your Personal Protective Equipment.



HARDHAT INSPECTION

- Inspect your hard hat for damage or cracks. Replace a hardhat when cracked or every 5 years



- Replace suspension systems when damaged, or every 12 months

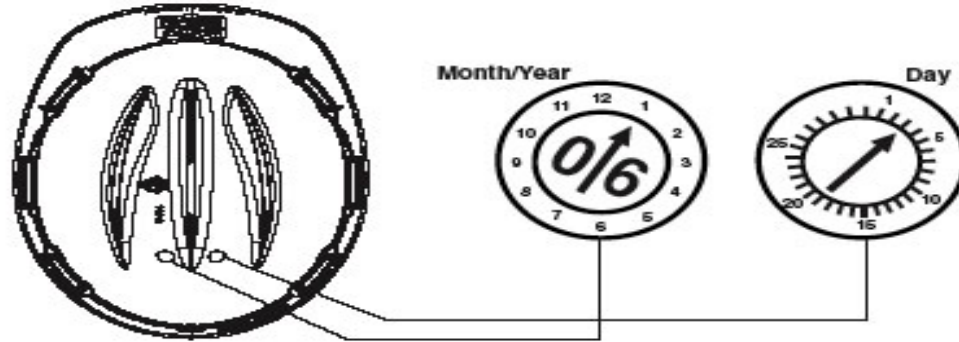


- Clean your hard hat daily

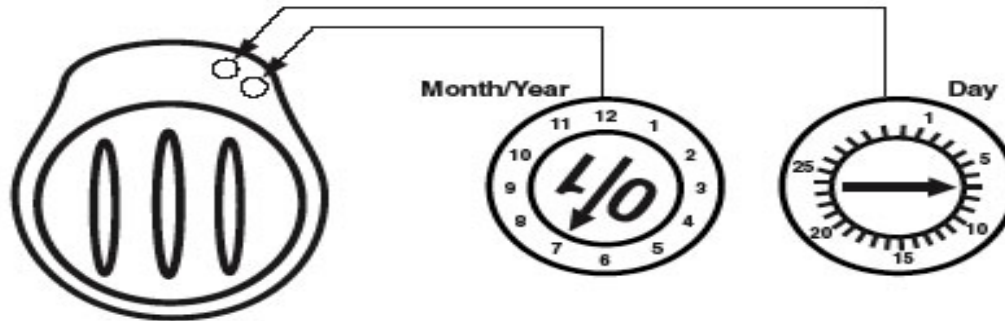


CHECKING THE DATE OF YOUR HARDHAT

Location #1: This example shows a cap that was molded on January 3, 2006.



Location #2: This example shows a cap that was molded on July 7, 2001.



CHECK IT OUT

Job site inspection



Unprotected Workers



Crystalline Silica (Concrete Dust)



- Deadly Concrete Dust!!
- No ear protection!!
- No dust mask!!

GOOD JOB!!



CONCLUSION

- Understand what the law says
 - Policies that will protect you...exceed the standard
 - Different types of PPE and what it protects
 - Simple care and maintenance of your PPE
 - Components of a PPE program at your work
 - How to address issues when conducting inspections
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