



SAFETY ALERT

Personal Protective Equipment Changes

RISK MANAGEMENT & SAFETY

Date: July 2015
Category: CHP - PPE Changes for Labs
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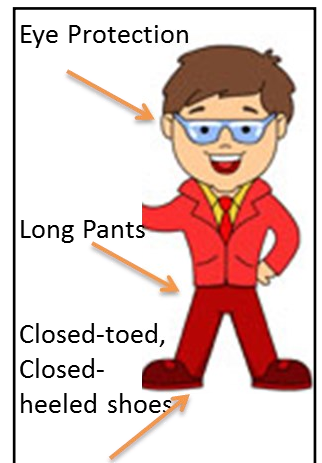
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NEW PPE Requirements for Laboratories as outlined in the revised CHP Starting September 2015

The minimum Personal Protective Equipment (PPE) requirements for labs have changed. Starting September 2015 **all personnel entering** a lab with hazards are required to adhere to the **minimum PPE** requirements. The new PPE requirements now include:

- Eye protection – This includes safety glasses, goggles, or face shield meeting ANSI Z87.1. The ANSI designation shall be imprinted on the eyewear by the manufacturer.
- Long pants or skirt to the ankle.
- Shirts with the equivalent or greater coverage of a T-shirt.
- Closed-toe/closed-heel/hard sole shoes.
- Minimum PPE requirements may be downgraded to remove eye protection when all eye hazards (chemical/physical) are eliminated and this is documented on the PPE Hazard Assessment ([2015 CHP -Section 8.3.2](#)) - more about the PPE Hazard Assessment next month.



These new requirements apply to **all research and teaching laboratories** where chemicals, biologicals or radioactive materials are used/handled. These also apply to where there are physical hazards (grinding, distillation equipment, drying ovens, etc. within a laboratory).

Changes in Lab Coat Requirements - Starting January 1, 2016

When working with reactive materials and in some circumstances, flammable materials, a flame retardant (FR) lab coat is required. FR lab coats shall also be worn by personnel in close proximity to the individual performing work with these materials. ([2015 CHP -Section 8.6.2](#))

Unless the hazard of the material has been eliminated through a system design e.g., chemical is in a completely enclosed system, FR lab coats are required when working with:

- Any quantity of pyrophoric materials (air reactives), water reactive materials that could release flammable gas, flammable gases and explosive materials.
- >100ml of Class IA flammable liquid
- > 1L of Class IB flammable liquid
- Any amount of Class IB when working in close proximity to an ignition source
- >2L of Class IC flammable liquid
- Class IC when the material is worked at or above its flash point or when working in close proximity to an ignition source

For further information, refer to the [Flame Retardant Coat Use Requirement](#).

For purchase information, refer to the [FR Lab Coat Purchase Information](#).

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