

Take 5 for Safety

Area Based PPE at C-AD
Pictures of the Week

Collider-Accelerator Department
5-15-12

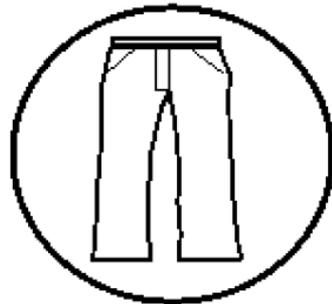


SBMS Minimum Requirements for Area Based PPE

- During tours with escorted visitors, the entry PPE requirements can be temporarily suspended for the duration of the tour if operations are stopped and hazards are mitigated; this exemption does not apply to audits and Tier 1 Inspections where tour member may access hazards
- For maintenance workers, a BNL laundered uniform with long sleeve shirt and long pants may be substituted for a lab coat if there is no contamination risk on surfaces the uniformed worker will contact
- Long skirt that covers the lower leg is acceptable as long pants

Accelerator Area PPE

- All C-AD accelerator facilities have the BNL PPE postings required to enter these areas
- ***This is part of an area-based PPE system in which the PPE must be worn as specified on the posting just to enter the area***
- Minimum area-based PPE at accelerator facilities
 - Long Pants
 - Fully Enclosed Shoe



LONG PANTS



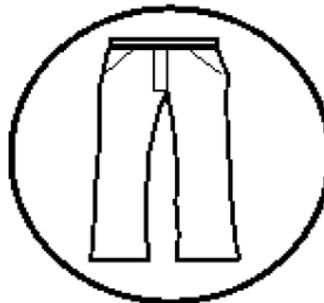
FULLY ENCLOSED
SHOE

Machine Shop Area PPE

- Light machine shop / tech shop
 - Long Pants
 - Fully Enclosed Shoe
 - Safety Glasses
- Heavy machine shop / Tech shop / Assembly area
 - Long Pants
 - Safety-Toe Shoe
 - Safety Glasses



SAFETY GLASSES



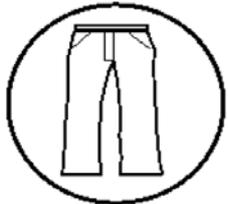
LONG PANTS



FULLY ENCLOSED
SHOE

Warehouse Area Based PPE

- Minimum PPE to enter warehouse facilities:
 - Long Pants
 - Fully Enclosed Shoe



LONG PANTS



FULLY ENCLOSED
SHOE



Chemical / Biological Laboratory PPE

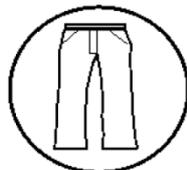
- Area is characterized by frequent use of open containers of chemicals in operations such as synthesis, reactions, distillations, separations, purifications, and analysis via glassware, instrumentation, baths, ovens, furnaces, etc
- Minimum PPE to enter area
 - Lab Coat
 - Long Pants
 - Fully Enclosed Shoe
 - Safety Glasses



SAFETY GLASSES



LAB COAT



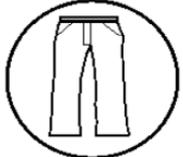
LONG PANTS



FULLY ENCLOSED
SHOE



Hazard Placard Example

HAZARD INFORMATION PLACARD/EMERGENCY INFORMATION Safety, Health & Environmental Information			
Bldg: 0801 Room: 2-37		Contact Information	
Dept: MO Medical Department		Name	Work #
NO FOOD OR DRINK ALLOWED		Primary: Dodge, Cleveland	7234
Rev. Date: 07/18/11 7:48 AM	Alt. #1: Scott, Joel	7520	631/453-5905
	Alt. #2: Pena, Louis	8041	
ESR / SWP / RWP / PI: MO-NCSS-Dodge-2011			
PROTECTIVE EQUIPMENT REQUIRED FOR ENTRY Area Designation: Chemical Laboratory			
			
SAFETY GLASSES	LAB COAT	LONG PANTS	FULLY ENCLOSED SHOE
HAZARDS OF THE AREA			
			
FLAMMABLE	CARCINOGEN REPRODUCTIVE TOXICITY	IONIZING RADIATION	NO OPEN FLAME
90 Day Area in room under hood			
ADDITIONAL INFORMATION			
ISOLATION LOCATIONS FOR UTILITIES (IF APPLICABLE)			
Electric:	N/A		
Gas:	N/A		
Steam:	N/A		
Ventilation:	N/A		

Risky Engineering

