

Personal Protective Equipment

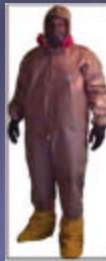
HARRT 2004

Selecting appropriate PPE

- Prior to purchasing PPE, determine the circumstances and profile under which it will be used
- What is the mission and how will the PPE be used?
- Who will use it?
- How much protection is needed?
- Review NFPA standards
- Review OSHA and individual State OSHA specifications
- Will the manufacturer certify protection under your institution's use profile?

Level C Protection

- **Level C Protection:**
 - Non-encapsulating suit
 - APR (air purifying respirators)
 - Gloves and boots
- Advantages
 - Significantly increased mobility
 - Decreased physical stress
 - Extended operation time
 - High level of protection against certain agents
 - May not require fit-testing for hood type
- Disadvantages
 - Not adequate for some high-concentration environments or less than atmospheric O₂ environments or high levels of splash contamination
 - Moderate expense and training



Level D Protection

- **Level D Protection:**
 - Work clothing
- Advantages
 - Increased mobility
 - Decreased physical stresses
 - Extended operation time
 - Minimal expense
 - Minimal training
 - Offers protection against radionuclide contamination
- Disadvantages
 - No protection against chemical or other agents



Summary of PPE

- Only use PPE which is NIOSH certified
- Always use PPE within its stated protection limits
- OSHA training must be completed for all PPE