

Hazardous Material Emergency Response Plan – Appendix C: Personal Protective Equipment

Personal protective equipment (PPE) used in clean-up operations is classified in four levels of protection.

- **Level A** provides the highest level of protection and includes a fully encapsulating chemical resistant suit, air supplied full face respirator, and chemical resistant gloves and boots.
- **Level B** includes a hooded chemical resistant suit, air supplied full face respirator, and chemical resistant gloves and boots.
- **Level C** includes a hooded chemical resistant suit, a half or full face air purifying respirator, and chemical resistant gloves and boots.
- **Level D**, which offers the lowest level of protection, includes clothing covering such as coveralls, safety glasses or splash resistant goggles, and chemical resistant gloves and boots.

The maximum level of protection provided by PCC is level C. Emergencies requiring higher levels of protection will be responded to by a third party, HAZMAT Team. The level of PPE required for a specific clean-up is determined by completing *Form 1: Spill Assessment* and *Form 2: Site Work Plan*.

The following tables identify the types of PPE available at each PCC Campus and which departments have been trained for their use. All respirators must be inspected monthly if it is intended for emergency use. The designated users must be trained in the equipment. For additional information on PPE and respirators, see *Chapter 12 – Personal Protective Equipment* and *Chapter 17 – Respirator Protection Program*.

CASCADE CAMPUS

| Respirator Protection - Level C | | |
|---|--|---|
| Maintenance | Routine paint, cleaning, solvent, welding, grinding operations (cartridge / filters = 10 x PEL) | Half face-piece with variety of cartridges. |
| Custodians | Cleaning Chemicals | Full or half face-piece with organic vapor cartridges |
| Gloves and Chemical Protective Clothing: | | |
| Multiple departments | Skin/Hand/Body Coverings Liquid or residue contact – equipment is Level C – no vapor protection | Glove - solvent and chemical resistant Tyvek Suits - particle and slight liquid splashes |
| Eye and Face Protection: | | |
| Multiple departments | Particle Protection Liquid Splash | Safety Glasses or Goggles with Face Shield |

ROCK CREEK CAMPUS

| Respirator Protection - Level C | | |
|---|--|---|
| Lab Store Rooms | Mixing/Handling Chemicals (cartridge / filters = 10 x PEL) | Half face-piece with cartridge for organic and acid gases |
| Maintenance | Routine paint, cleaning, solvent, welding, grinding operations (cartridge / filters = 10 x PEL) | Half face-piece with variety of cartridges. |
| Custodians | Cleaning Chemicals | Full or half face-piece with organic vapor cartridges |
| Grounds Maintenance | Pesticide Application as directed by the label. (cartridge / filters = 10 x PEL) | Full or half face-piece with pesticide cartridge |
| Gloves and Chemical Protective Clothing: | | |
| Multiple departments | Skin/Hand/Body Coverings Liquid or residue contact – equipment is Level C – no vapor protection | Glove - solvent and chemical resistant Tyvek Suits - particle and slight liquid splashes |
| Eye and Face Protection: | | |
| Multiple departments | Particle Protection Liquid Splash | Safety Glasses or Goggles with Face Shield |

SOUTHEAST CAMPUS

| Respirator Protection - Level C | | |
|---|--|---|
| Lab Store Rooms | Mixing/Handling Chemicals (cartridge / filters = 10 x PEL) | Half face-piece with cartridge for organic and acid gases |
| Maintenance | Routine paint, cleaning, solvent, welding, grinding operations (cartridge / filters = 10 x PEL) | Half face-piece with variety of cartridges. |
| Custodians | Cleaning Chemicals | Full or half face-piece with organic vapor cartridges |
| Gloves and Chemical Protective Clothing: | | |
| Multiple departments | Skin/Hand/Body Coverings Liquid or residue contact – equipment is Level C – no vapor protection | Glove - solvent and chemical resistant Tyvek Suits - particle and slight liquid splashes |
| Eye and Face Protection: | | |
| Multiple departments | Particle Protection Liquid Splash | Safety Glasses or Goggles with Face Shield |

SYLVANIA CAMPUS

| Respirator Protection - Level C | | |
|---|--|---|
| Lab Store Rooms | Mixing/Handling Chemicals (cartridge / filters = 10 x PEL) | Half face-piece with cartridge for organic and acid gases |
| Maintenance | Routine paint, cleaning, solvent, welding, grinding operations (cartridge / filters = 10 x PEL) | Half face-piece with variety of cartridges. |
| Custodians | Cleaning Chemicals | Full or half face-piece with organic vapor cartridges |
| Grounds Maintenance | Pesticide Application as directed by the label. (cartridge / filters = 10 x PEL) | Full or half face-piece with pesticide cartridge |
| Gloves and Chemical Protective Clothing: | | |
| Multiple departments | Skin/Hand/Body Coverings Liquid or residue contact – equipment is Level C – no vapor protection | Glove - solvent and chemical resistant Tyvek Suits - particle and slight liquid splashes |
| Eye and Face Protection: | | |
| Multiple departments | Particle Protection Liquid Splash | Safety Glasses or Goggles with Face Shield |