

SUMMARY OF POLICY ON PERSONAL PROTECTIVE EQUIPMENT (PPE)

Level	Equipment		When to Use	Limitations
A	RECOMMENDED: <ul style="list-style-type: none"> <input type="checkbox"/> Pressure-demand, full-facepiece SCBA or pressure-demand supplied-air respirator with escape SCBA <input type="checkbox"/> Fully-encapsulating, chemical-resistant suit <input type="checkbox"/> Inner chemical-resistant gloves <input type="checkbox"/> Chemical-resistant safety boots/shoes <input type="checkbox"/> Two-way radio communications 	OPTIONAL: <ul style="list-style-type: none"> <input type="checkbox"/> Cooling unit <input type="checkbox"/> Coveralls <input type="checkbox"/> Long cotton underwear <input type="checkbox"/> Hard hat <input type="checkbox"/> Disposable gloves and boot covers 	<ul style="list-style-type: none"> <input type="checkbox"/> The chemical substance has been identified and requires the highest level of protection for skin, eyes, and the respiratory system. <input type="checkbox"/> Substances with a high degree of hazard to the skin are known or suspected to be present, and skin contact is possible. <input type="checkbox"/> Operations must be conducted in confined, poorly ventilated areas until the absence of conditions requiring Level A protection is determined. 	Fully encapsulating suit material must be compatible with the substances involved.
B	RECOMMENDED: <ul style="list-style-type: none"> <input type="checkbox"/> Pressure-demand, full-facepiece SCBA or pressure-demand supplied-air respirator with escape SCBA <input type="checkbox"/> Chemical-resistant clothing (coveralls and long-sleeved jacket; hooded, one- or two-piece chemical splash suit; disposable chemical-resistant one-piece suit) <input type="checkbox"/> Inner and outer chemical-resistant gloves <input type="checkbox"/> Chemical-resistant safety boots/shoes <input type="checkbox"/> Hard hat <input type="checkbox"/> Two-way radio communications 	OPTIONAL: <ul style="list-style-type: none"> <input type="checkbox"/> Coveralls <input type="checkbox"/> Disposable boot covers <input type="checkbox"/> Face shield <input type="checkbox"/> Long cotton underwear 	<ul style="list-style-type: none"> <input type="checkbox"/> The type and atmospheric concentration of substances have been identified and require a high level of respiratory protection, but with less skin protection. This involves atmospheres with IDLH concentrations of specific substances that do not represent a severe skin hazard or that do not meet the criteria for use of air-purifying respirators. <input type="checkbox"/> Atmosphere contains less than 19.5 percent oxygen. <input type="checkbox"/> Presence of incompletely identified vapors or gases is indicated by direct-reading organic vapor detection instrument, but vapors and gases are not suspected of containing high levels of chemicals harmful to skin or capable of being absorbed through the intact skin. 	<p>Use only when the vapor or gases present are not suspected to contain high concentrations of chemicals that are harmful to skin or capable of being absorbed through intact skin.</p> <p>Use only when it is highly unlikely that the work being done will generate either high concentrations of vapors, gases, or particulates or splashes of material that will affect exposed skin.</p>
C	RECOMMENDED: <ul style="list-style-type: none"> <input type="checkbox"/> Full-facepiece, air-purifying, canister-equipped respirator <input type="checkbox"/> Chemical-resistant clothing (coveralls and long-sleeved jacket; hooded, one- or two-piece chemical splash suit; disposable chemical-resistant one-piece suit) <input type="checkbox"/> Inner and outer chemical-resistant gloves <input type="checkbox"/> Chemical-resistant safety boots/shoes <input type="checkbox"/> Hard hat <input type="checkbox"/> Two-way radio communication. 	OPTIONAL: <ul style="list-style-type: none"> <input type="checkbox"/> Coveralls <input type="checkbox"/> Disposable boot covers <input type="checkbox"/> Face shield <input type="checkbox"/> Escape mask <input type="checkbox"/> Long cotton underwear 	<ul style="list-style-type: none"> <input type="checkbox"/> The atmospheric contaminants, liquid splashes, or other direct contact will not adversely affect any exposed skin. <input type="checkbox"/> The types of air contaminants have been identified, concentrations measured, and a canister is available that can remove the contaminant. <input type="checkbox"/> All criteria for the use of air-purifying respirators are met. 	<p>Atmospheric concentration of chemicals must not exceed IDLH levels.</p> <p>The atmosphere must contain at least 19.5 percent oxygen.</p>
D	RECOMMENDED: <ul style="list-style-type: none"> <input type="checkbox"/> Coveralls <input type="checkbox"/> Safety boots/shoes <input type="checkbox"/> Safety glasses or chemical splash goggles <input type="checkbox"/> Hard hat 	OPTIONAL: <ul style="list-style-type: none"> <input type="checkbox"/> Gloves <input type="checkbox"/> Escape mask <input type="checkbox"/> Face shield 	<ul style="list-style-type: none"> <input type="checkbox"/> The atmosphere contains no known hazard. <input type="checkbox"/> Work functions preclude splashes, immersion, or the potential for unexpected inhalation of or contact with hazardous levels of any chemicals. 	<p>This level should not be worn in the Exclusion Zone.</p> <p>The atmosphere must contain at least 19.5 percent oxygen.</p>