








# Arc Flash PPE Categories



<p>PPE CATEGORY</p> <p><b>1</b></p>	<p><b>Arc-Rated Clothing</b></p> <ul style="list-style-type: none"> <li>• AR long-sleeve shirt and pants or arc-rated coverall</li> <li>• AR face shield or arc flash suit hood</li> <li>• AR jacket, parka rainwear or hard hat liner</li> </ul> <p><b>Protective Equipment</b></p> <ul style="list-style-type: none"> <li>• Hard hat</li> <li>• Safety glasses or safety goggles</li> <li>• Hearing protection</li> <li>• Heavy-duty leather gloves</li> <li>• Leather footwear</li> </ul>	<p>MINIMUM ARC RATING</p> <p><b>4</b></p> <p>cal/cm<sup>2</sup></p>	 <p>21AGR12-C+500</p>
<p>PPE CATEGORY</p> <p><b>2</b></p>	<p><b>Arc-Rated Clothing</b></p> <ul style="list-style-type: none"> <li>• AR long-sleeve shirt and pants or arc rated coverall</li> <li>• AR rated suit hood or arc rated face shield &amp; balaclava</li> <li>• AR rated jacket, parka, rainwear, or hard hat liner</li> </ul> <p><b>Protective Equipment</b></p> <ul style="list-style-type: none"> <li>• Hard hat</li> <li>• Safety glasses or safety goggles</li> <li>• Hearing protection</li> <li>• Heavy-duty leather gloves</li> <li>• Leather footwear</li> </ul>	<p>MINIMUM ARC RATING</p> <p><b>8</b></p> <p>cal/cm<sup>2</sup></p>	 <p>HRC2 TCG2P</p>
<p>PPE CATEGORY</p> <p><b>3</b></p>	<p><b>Arc-Rated Clothing</b></p> <ul style="list-style-type: none"> <li>• AR long-sleeve shirt, pants, and hood or arc rated coverall and hood</li> <li>• AR suit consisting of hood, coat, bib overalls, or hood &amp; coveralls</li> <li>• AR gloves</li> <li>• AR jacket, parka, rainwear, or hard hat liner</li> </ul> <p><b>Protective Equipment</b></p> <ul style="list-style-type: none"> <li>• Hard hat</li> <li>• Safety Glasses or safety goggles</li> <li>• Hearing protection</li> <li>• Heavy-duty leather gloves</li> <li>• Leather Footwear</li> </ul>	<p>MINIMUM ARC RATING</p> <p><b>25</b></p> <p>cal/cm<sup>2</sup></p>	 <p>TCG25</p>
<p>PPE CATEGORY</p> <p><b>4</b></p>	<p><b>Arc-Rated Clothing</b></p> <ul style="list-style-type: none"> <li>• AR long-sleeve shirt, pants, and hood or arc rated coverall and hood</li> <li>• AR suit consisting of hood, coat, bib overalls, or hood &amp; coveralls</li> <li>• AR gloves</li> <li>• AR jacket, parka, rainwear, or hard hat liner</li> </ul> <p><b>Protective Equipment</b></p> <ul style="list-style-type: none"> <li>• Hard hat</li> <li>• Safety Glasses or safety goggles</li> <li>• Hearing protection</li> <li>• Heavy-duty leather gloves</li> <li>• Leather Footwear</li> </ul>	<p>MINIMUM ARC RATING</p> <p><b>40</b></p> <p>cal/cm<sup>2</sup></p>	 <p>TCG40 LAN4</p>
<p>PPE CATEGORY</p> <p><b>4+</b></p>	<p><b>Arc-Rated Clothing</b></p> <ul style="list-style-type: none"> <li>• AR long-sleeve shirt, pants, and hood or arc rated coverall and hood</li> <li>• AR suit consisting of hood, coat, bib overalls, or hood &amp; coveralls</li> <li>• AR gloves</li> <li>• AR jacket, parka, rainwear, or hard hat liner</li> </ul> <p><b>Protective Equipment</b></p> <ul style="list-style-type: none"> <li>• Hard hat</li> <li>• Safety Glasses or safety goggles</li> <li>• Hearing protection</li> <li>• Heavy-duty leather gloves</li> <li>• Leather Footwear</li> </ul>  <p>*Energized electrical work over 40 cal/cm2 requires an incident energy analysis to be performed on all electrical equipment. Once this analysis has been done the appropriate PPE can be selected from the chart above by matching the possible incident energy level with the corresponding PPE.</p>	<p>MINIMUM ARC RATING</p> <p><b>65</b></p> <p>cal/cm<sup>2</sup></p>	 <p>TCG65</p>
		<p>MINIMUM ARC RATING</p> <p><b>100</b></p> <p>cal/cm<sup>2</sup></p>	 <p>TCG100</p>
		<p>MINIMUM ARC RATING</p> <p><b>140</b></p> <p>cal/cm<sup>2</sup></p>	 <p>ARC140</p>