

## HAZARD ASSESSMENT AND SELECTION OF PERSONAL PROTECTIVE EQUIPMENT

Position: \_\_\_\_\_

Date: \_\_\_\_\_

Conducted by: \_\_\_\_\_

Specific tasks performed at this location: \_\_\_\_\_

<p><b>Overhead Hazards</b> (check all that apply)</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Suspended loads that could fall</li> <li><input type="checkbox"/> Overhead beams or loads that could be hit against</li> <li><input type="checkbox"/> Energized wires or equipment that could be hit against</li> <li><input type="checkbox"/> Employees work at elevated site who could drop objects on others below</li> <li><input type="checkbox"/> Other (identify) _____ _____</li> </ul>	<p><b>Head Protection</b> (check all that apply)</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Type 1 Helmets with a full brim.</li> <li><input type="checkbox"/> Type 2 Brimless helmets with a peak extending forward from the crown.</li> <li><input type="checkbox"/> Class A General service, limited voltage intended for protection against impact hazards. Used in mining, construction and manufacturing.</li> <li><input type="checkbox"/> Class B Utility service, high voltage. Used by electrical workers.</li> <li><input type="checkbox"/> Class C Special service, no voltage protection, designed for lightweight comfort and impact protection. Used in certain construction, manufacturing refineries, and where there is a possibility of bumping the head against a fixed object.</li> </ul>
<p><b>Eye and Face Hazards</b> (check all that apply)</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Chemical splashes</li> <li><input type="checkbox"/> Dust</li> <li><input type="checkbox"/> Smoke</li> <li><input type="checkbox"/> Fumes</li> <li><input type="checkbox"/> Vapors</li> <li><input type="checkbox"/> Projectiles</li> <li><input type="checkbox"/> Other (identify) _____ _____</li> </ul>	<p><b>Eye and Face Protection</b> (check all that apply)</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Spectacle-type safety glasses</li> <li><input type="checkbox"/> Spectacle-type safety glasses for radiation protection</li> <li><input type="checkbox"/> Safety goggles for impact protection with direct ventilation</li> <li><input type="checkbox"/> Safety goggles for dust and splash protection with indirect ventilation</li> <li><input type="checkbox"/> Safety goggles for radiation protection</li> <li><input type="checkbox"/> Head gear with crown protector</li> <li><input type="checkbox"/> Welding helmet</li> <li><input type="checkbox"/> Safety goggles with hazard specific specialty filters</li> </ul>
<p><b>Hand Hazards</b> (check all that apply)</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Chemicals</li> <li><input type="checkbox"/> Sharp edges, splinter, etc.</li> <li><input type="checkbox"/> Exposed electrical wires</li> <li><input type="checkbox"/> Temperature extremes</li> <li><input type="checkbox"/> Sharp tools, machine parts, etc.</li> <li><input type="checkbox"/> Material handling</li> <li><input type="checkbox"/> Other (identify) _____ _____</li> </ul>	<p><b>Hand Protection</b> (check all that apply)</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Disposable gloves</li> <li><input type="checkbox"/> Fabric gloves</li> <li><input type="checkbox"/> Leather gloves</li> <li><input type="checkbox"/> Metal mesh gloves</li> <li><input type="checkbox"/> Aluminized gloves</li> <li><input type="checkbox"/> Chemical resistant gloves</li> </ul>

<p><b>Foot Hazards</b> (check all that apply)</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Heavy material handling</li> <li><input type="checkbox"/> Sharp edges or points (puncture risk)</li> <li><input type="checkbox"/> Exposed electrical wires</li> <li><input type="checkbox"/> Unusual slippery conditions</li> <li><input type="checkbox"/> Wading</li> <li><input type="checkbox"/> Other (identify) _____</li> </ul>	<p><b>Foot Protection</b> (check all that apply)</p> <p>Safety Shoes</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Toe protection</li> <li><input type="checkbox"/> Metatarsal protection</li> <li><input type="checkbox"/> Puncture resistant</li> <li><input type="checkbox"/> Electrical insulation</li> <li><input type="checkbox"/> Other (identify) _____</li> </ul> <p>Safety Boots</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Neoprene or nitrile boots</li> <li><input type="checkbox"/> Foundry or "gaiter" style boots</li> <li><input type="checkbox"/> Electrical hazard boots</li> </ul>
<p><b>ARC/Flash/Blast Hazard</b> (check all that apply)</p> <p>Hazard/Risk Category</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Category 0 Up to 1.2 cal/cm<sup>2</sup> exposure</li> <li><input type="checkbox"/> Category 1 1.3 to 4 cal/cm<sup>2</sup> exposure</li> <li><input type="checkbox"/> Category 2 4.1 to 8 cal/cm<sup>2</sup> exposure</li> <li><input type="checkbox"/> Category 2* 4.1 to 8 cal/cm<sup>2</sup> exposure *with face exposure potential</li> <li><input type="checkbox"/> Category 3 8.1 to 25 cal/cm<sup>2</sup> exposure</li> <li><input type="checkbox"/> Category 4 25.1 to 40 cal/cm<sup>2</sup> exposure</li> </ul>	<p><b>ARC/Flash/Blast Protection</b> (check all that apply)</p> <p>Note: The following list is Hazard/Risk Category with clothing description (typical number of clothing layers is given in parentheses), the required minimum arc rating of the PPE expressed as Joules/cm<sup>2</sup> (cal/cm<sup>2</sup>)</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Category 0 Non-melting, flammable materials (i.e., untreated cotton, N/A wool, rayon, silk, or blends of these materials) with a fabric weight at least 4.5 oz/yd.<sup>2</sup> (1) No Arc Rating</li> <li><input type="checkbox"/> Category 1 FR shirt and FR pants or FR coveralls (1) Arc Rating: 16.74 (4)</li> <li><input type="checkbox"/> Category 2 Cotton underwear – conventional short sleeve and brief/shorts, plus FR shirt and FR pants (1 or 2) Arc Rating: 33.47 (8)</li> <li><input type="checkbox"/> Category 3 Cotton underwear plus FR shirt and FR pants plus FR coverall, or cotton underwear plus two FR coveralls (2 or 3) Arc Rating: 104.6 (25)</li> <li><input type="checkbox"/> Category 4 Cotton underwear plus FR shirt and FR pants plus multilayer flash suit (3 or more) Arc Rating: 167.36 (40)</li> </ul>
<p>Other Identified Safety and/or Health Hazards</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>Recommended Protection</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>