

# Laying of Cement-Based Concrete Materials.

No	Activity	Hazard	Person(s) in Danger	Control Measures	Residual Risk Rating
50	All Work activities	<p>Laying of Cement-Based Concrete Materials</p> <p>Risk of Concrete burns, Slips, Trips and Falls, Noise, Dust, Fumes, Plant Operation</p>	<p>Employees</p> <p>Contractors</p> <p>Public</p> <p>Visitors</p>	<ul style="list-style-type: none"> <li>Eliminate or reduce the amount of cement used and contact with it where possible.</li> </ul> <p><b>Where elimination is not possible, consider:</b></p> <ul style="list-style-type: none"> <li>Avoiding exposure to cement powder by using pre-mixed concrete / mortar.</li> <li>Erect barriers to prevent access from the public and increases the distance between workers and the substance by using longer handled tools.</li> <li>Rotating cement bags to ensure they are used before the shelf date.</li> </ul> <p><b>Where work involves contact with cement. Control the risk by:</b></p> <ul style="list-style-type: none"> <li>Ensure suitable RPE is worn for dusty operations.</li> <li>Ensure gloves are waterproof and suitable for use with high pH (alkaline) substances.</li> <li>Gloves should be long and /or tight fitting at the end to prevent cement being trapped between the glove and the skin (refer to HSE guidance).</li> <li>Ensure suitable footwear is used, such as wellington boots, where large concrete pours are taking place.</li> <li>Ensure waterproof trousers are worn when kneeling on wet products containing cement, or, if screeding, use appropriate waterproof knee pads or knee boards.</li> <li>Minimise any time spent kneeling. Wear trousers over the top of boots. This stops cement getting into them.</li> </ul>	Low