

# MPA Health and Safety Awards

Aggregates, Asphalt, Cement, Contracting, Dimension Stone, Lime, Precast Concrete, Mortar, Ready Mix, Recycling and Silica Sand

<b>Topic entry (tick boxes that are applicable)</b> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/>	
<b>Entry number (MPA Ref)</b>	22103
<b>Title of Entry</b>	New Electric Lifting Hoists – Ground to plant landing level
<b>Name of Company</b>	CEMEX UK Materials
<b>Location</b>	Manchester Readymix and Gorton Readymix
<b>Video</b> <input type="checkbox"/> (if yes, please include URL for video)	No
<b>Other resource</b> <input type="checkbox"/> (if yes, please include description)	1 image
<b>Fatal Theme (tick boxes that are applicable)</b> 1 <input checked="" type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input checked="" type="checkbox"/> 4 <input type="checkbox"/> 5 <input checked="" type="checkbox"/> 6 <input type="checkbox"/>	
<b>BACKGROUND</b>	
<p>We have made significant improvements to the working environment at 2 key readymix production sites following a full assessment of the conditions and working activities of our operatives.</p> <p>Due to a significant increase in production of our Value Added Products we saw a sharp rise in the manual handling of bespoke additional products which created added work for our operatives. This in turn presented a production safety risk.</p> <p>At the same time equipment and processes were not in place for the safe handling and moving of these bespoke additional products from ground to elevated points on the site.</p>	
<b>MANAGEMENT OF PROCESS</b>	
<p>We consulted with our employees and a mechanical and electrical contractor to design a solution to remove the manual lifting, improve site efficiencies of storing and moving a significant quantity of various additional products (6 tonnes over a 3 month period at the Manchester RMX site alone).</p> <p>The result was the creation and installation of new bespoke electric hoists to lift admixture barrels/containers and steel fibre products from ground floor levels into our elevated plant loading point.</p> <ul style="list-style-type: none"> <li>• Fixed hoist unit installation.</li> <li>• Written SSOW for operating safely</li> <li>• Easy access point for operators</li> <li>• Level ground for ease use.</li> <li>• Improved storage of additional products</li> </ul>	

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<b>BENEFITS</b>
<p>Installing the electric hoists has resulted in eliminating several manual handling activities whilst minimizing the risks when lifting, transporting, and handling barrels, containers and boxes.</p> <ul style="list-style-type: none"> <li>• Safer working environment</li> <li>• Bending eliminated</li> <li>• Lifting reduced by 50%</li> <li>• Operative job fatigue reduced</li> <li>• Work efficiency increased</li> <li>• Reduction in poor ground storage of materials.</li> </ul>
<b>INNOVATION</b>
<p>Prior to the installation of the electric hoist the activity was carried out manually utilising more people and hire machinery in the open air on the same footprint.</p> <p>The new hoist is a clear reflection of CEMEX listening to and involving our employees. The ideas and suggestions for the design were driven by our site operations team.</p> <p>Without question we have looked to deliver an improvement that makes a safer, more efficient working environment for our employees.</p>
<b>DEVELOPMENT &amp; TRANSFERABILITY</b>
<p>CEMEX intends to upgrade our other readymix sites to the same standard hoist. Where we can replicate this we will, full site by site evaluation is being undertaken.</p> <p>This could be replicated by other companies within the industry sector.</p> <p>This entry has also been identified as best practice within CEMEX and has been shared with other operating businesses in the UK, France, and Spain.</p>
<p><b>NB if document has embedded images try and include these</b>  <b>If other documents provided say additional information available.</b></p>