




## Safe Work Practice (SWP)

<b>Name of Task: Working with Lime</b>	
<b>Department/Unit: Trades</b>	
<b>Personal Protective Equipment or other required equipment or other safety considerations:</b> <ul style="list-style-type: none"><li>• Eye Protection Required</li><li>• Long or loose hair must be tied back or contained</li><li>• No loose-fitting clothing</li><li>• No jewelry, watches, rings, necklaces etc.</li><li>• CSA Approved Safety Footwear required</li><li>• Heavy Duty Gloves Required</li><li>• Approved Respirator</li></ul>	
<b>Hazards:</b> <ul style="list-style-type: none"><li>• Inhaled hydrated lime dust</li><li>• Inhaled silica sand dust</li><li>• Muscle strains and pulls</li><li>• Liquid splashes</li></ul>	
<b>Required Training</b>	<ul style="list-style-type: none"><li>• Successful completion of NBCC Safety Course (Work Safely or Workplace Safety Practices)</li><li>• Shop safety orientation</li><li>• Read and understand SWP</li><li>• For students, practical demonstration and Instructor supervision required</li></ul>
<b>Pre-Operational Safety Checks</b>	<ul style="list-style-type: none"><li>• Inspect required personal protective equipment and replace if required.</li><li>• Review the Safety Data Sheet for the hydrated lime product</li></ul>
<b>Prohibited Activities</b>	<ul style="list-style-type: none"><li>• No Smoking</li></ul>
<b>Steps to be taken to complete task safely:</b>	
1	Wear appropriate personal protective equipment (PPE).
2	Use proper lifting techniques to transfer hydrated lime from storage area to mixing area.
3	Cover the bag of lime with the tarp before dumping into mixing station (mixer, wheelbarrow, bucket).
4	Only dump ½ bags at a time
5	Allow enough time for the lime dust to settle.
6	Stand back from the covered bag during the settling phase.
7	Repeat as needed until the amount of lime needed has been reached

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	<p>If an emergency occurs while conducting this task, or there is an equipment malfunction, shut the equipment off immediately and follow the lock out procedure.</p> <p>REPORT ANY HAZARDOUS SITUATION TO YOUR INSTRUCTOR/SUPERVISOR IMMEDIATELY</p> <p><b>Housekeeping</b></p> <ul style="list-style-type: none"> <li>Carefully dispose of any hydrated lime bags in a black garbage bag to reduce lime dust generation</li> <li>Place all materials in their proper storage areas.</li> <li>Ensure mixing area is safe, clean and tidy before you leave it.</li> </ul>
<b>Responsibilities, Completion and Review</b>	
<p><i>Management and workers to ensure all duties performed in accordance to training, established health and safety regulations/guidelines, policies and procedures (e.g. utilizing personal, protective equipment as per SAFE Work Procedures). Notify Manager or designates (i.e. supervisors) of all occurrences, injuries illnesses or safety and health concerns which are likely to harm themselves, co-workers, or any others who enter the premises.</i></p>	
<p>Completed by and Date: Ashley Ritchie, 1/28/2021</p>	<p>Approved by: </p>
<p>Last Reviewed / Revised by and Date:</p>	<p>Note: This task will be monitored periodically to ensure compliance and effectiveness.</p>

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