





## Soft Tissue Injury Prevention Tool

,	
<u>Tip Sheets</u> Trade: Masonry	
Job Task: Restoration Work - Grouting to Resurface Brick (Stuccoing)	
	<ul> <li>Vork - Grouting to Resurface Brick (Stuccoing)</li> <li>Common Tools <ul> <li>Hand Trowel</li> <li>Swing Stage or Scaffold</li> <li>Material Hoist to supply grout/mortar to swing stage workers</li> <li>Gloves</li> </ul> </li> <li>Possible Solutions <ul> <li>Awkward Posture, Heavy Gripping &amp; Vibration Solutions:</li> <li>Use a low force material hoist rigging. Evaluate the use of a marine type pully with low friction ball bearings can significantly reduce the load lifted/pulled.</li> <li>Alternate hands frequently when applying mortar/grout.</li> <li>Move swing stage as frequently as necessary to maintain grouting work between waist and shoulder level and promote upright working postures.</li> <li>Utilize padded bucket seats or portable mechanic's stools to promote comfortable seated work when grouting below waist level.</li> <li>Rotate to other tasks every 4 hours as feasible to intervene on awkward postures and build in needed</li> </ul> </li> </ul>
<ul> <li>Heavy Lifting</li> <li>Moderate Risk when apprentrices must frequently supply materials including 5 gallon buckets of mortar to masons on swing stage using a material hoist.</li> </ul>	<ul> <li>Potential Benefits</li> <li>Increases productivity.</li> <li>Increases blood flow and reduce muscle tension.</li> <li>Reduces strain on hand and arm muscles.</li> <li>Reduces exertion of lower back.</li> <li>Reduces awkward work postures and minimize lifting requirements.</li> <li>Reduces awkward forward bending work postures.</li> </ul>
Feasibility	Reddees awkward forward bending work posteres.
<ul> <li>Engineer Control Mobile Scissor Lift</li> <li>Administrative Control</li> <li>Work Practice Control</li> <li>Estimated Cost of Intervention <ul> <li>\$685.00 for Mobile Scissor Lift</li> </ul> </li> </ul>	