

Safe Work Procedure		Compressed Gas Cylinders: Storing and Moving																																					
Department / Area: Physical Plant Services	Approved By: Regional Manager of Physical Plant Services	Date Created: September 5 2014	Review Date:  Revised date:																																				
<b>Potential Hazards:</b> <b>Fill in those that apply</b> <table border="0"> <tr> <td><b>H</b></td> <td><b>M</b></td> <td><b>L</b></td> <td><b>Risk for Injury</b></td> </tr> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Awkward / Sustained postures – poor lifting</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Forceful exertions – heavy cylinders</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Combustibles / flammables</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Explosion – risk if cylinder is dropped or heated</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td>Materials falling</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td>Surfaces causing falls – uneven surfaces</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td>Chemicals</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td>Extreme Heat</td> </tr> </table>		<b>H</b>	<b>M</b>	<b>L</b>	<b>Risk for Injury</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Awkward / Sustained postures – poor lifting	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Forceful exertions – heavy cylinders	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Combustibles / flammables	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Explosion – risk if cylinder is dropped or heated	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Materials falling	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Surfaces causing falls – uneven surfaces	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Chemicals	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Extreme Heat	<b>Personal protective equipment / devices required / other safety considerations:</b> <ul style="list-style-type: none"> <li>➤ Appropriate closed toe footwear</li> <li>➤ Tank Dolly / Transport Cart</li> <li>➤ Gloves</li> <li>➤ Safety Glasses</li> <li>➤ Two-Person Lift</li> </ul>	
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		<b>Training / Reference Information:</b> <ul style="list-style-type: none"> <li>➤ SCHIPP Module 1 training</li> <li>➤ Department Orientation</li> <li>➤ WHMIS Training</li> <li>➤ MSDS Training</li> </ul>																																					
<b>Note:</b> Signs and symptoms of a musculoskeletal injury (MSI) can include pain, burning, swelling, stiffness, numbness/tingling, and/or loss of movement or strength in a body part. Report these to your supervisor.																																							
<b>Employers must ensure that workers are trained and follow this safe work procedure.</b> <b>Steps to perform this task safely:</b>																																							
<ul style="list-style-type: none"> <li>➤ All compressed gas cylinders, full or empty, must be stored upright and secured against a secure, stable surface.</li> <li>➤ Do not store cylinders near hot surfaces.</li> <li>➤ To lift a smaller cylinder, grasp with both hands around the cylinder about ¾ of the way up. Keep the knees and hips bent, back upright and elbows in, push through the legs to lift the cylinder. Don't hold your breath. Lower the cylinder slowly using the same technique but in reverse.</li> <li>➤ Roll a larger cylinder onto the dolly.</li> <li>➤ When transporting, place and secure cylinder on a dolly or transport cart.</li> </ul>																																							