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| UC SANTA BARBARA<br>Environmental Health & Safety<br>Design, Facilities & Safety Services |                       | Procedure No.: SS-AC  |
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| Issue Date:   | Review Date: 10/01/21 | Page Number: 1 of 1   |

**WARNING!** Do not use this machine unless an instructor or shop supervisor has instructed you in the safe use and operation and has authorized you to operate this equipment!

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|---|-------------------------|
| Equipment/Machine:  | <b>AIR COMPRESSOR</b>   |
| Description of Work:  | Using an air compressor |
| <b>Potential Hazards:</b> <i>Electrical and compression hazard with the potential to cause harm through exposure to noise and compressed air.</i> |                         |

| Personal Protective Equipment (PPE) Required <i>(Check the box for required PPE)</i> |   |   |   |  |   |   |
|--|---|---|---|--|---|---|
|     |  |  |  |  |  |  |
| Gloves   | Face Masks  | Eye Protection  | Hearing Protection  | Safety Footwear  | Protective Clothing   | Welding Mask  |
| <input type="checkbox"/>   | <input type="checkbox"/>  | <input checked="" type="checkbox"/>   | <input checked="" type="checkbox"/>   | <input checked="" type="checkbox"/>  | <input checked="" type="checkbox"/>   | <input type="checkbox"/>  |

| Safe Work Procedure Checklist:  |
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| <p><b>1. PRE-Operation:</b></p> <ul style="list-style-type: none"> <li>Task (e.g. Drawings, instructions, specifications etc) is clearly understood.</li> <li>Appropriate guarding is in place.</li> <li>Make sure release valve is clean and free from obstruction.</li> <li>Lock the wheels to prevent movement.</li> <li>Check all fittings are securely connected prior to being pressurised.</li> <li>Identify ON/OFF switch.</li> </ul> <p><b>2. Operation:</b></p> <ul style="list-style-type: none"> <li>Start compressor noting pressure increase and cut out/cut in pressure.</li> <li>Do not kink or squash the hose.</li> <li>Listen for any air leaks when using the compressor and report these immediately.</li> <li>Check the compressor pressure at regular intervals.</li> <li>Release the pressure in hose prior to uncoupling.</li> </ul> <p><b>3. POST-Operation:</b></p> <ul style="list-style-type: none"> <li>Release the pressure from the hose and vessel.</li> <li>Store air hose off the ground to prevent contamination from dirt.</li> <li>Return air tools to their storage area.</li> </ul> |