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| ***Portable_Plant_SOP***  🗹 | | |
| ***Students must complete the checklist below with a tick in every box before operating this portable power equipment*** | | |
| **Has your teacher given you instruction on the safe use and operation of this equipment?** | | **🗆** |
|  | | |
| **Has your teacher given permission for you to use this equipment?** | | **🗆** |
|  | Are you wearing approved safety glasses and face shield?  . | **🗆** |
| Foot Protection circle | Are you wearing protective steel-toed work boots?  . | **🗆** |
| Hearing Protection circle | Do you, and others around you, have appropriate hearing protection? *(Class 5 – SLC80 >26 dB)* | **🗆** |
| **Hair Protection circle** | If you have long or loose hair, is it tied back and contained? | **🗆** |
|  | Are you wearing a dust apron or overalls? | **🗆** |
| Prohibition circle | Have you removed all your exposed rings and jewellery? | **🗆** |
| **Have you read the important information section on the reverse?** | | **🗆** |
| **PRE-OPERATIONAL SAFETY CHECKS** | |  |
| 1. Is your work area suitable and allow for the safe use of the angle grinder without interfering with other students/activities? | | **🗆** |
| 1. If changing the cutting blade, check for appropriateness and the arbor size? | | **🗆** |
| 1. Have you inspected the cutting blade for chipped and cracked teeth? | | **🗆** |
| 1. Are all guards in place and in good working order? | | **🗆** |
| 1. Is the depth stop (if fitted) adjusted and in proper adjustment/alignment? | | **🗆** |
| 1. Are you familiar with the operation of the ON/OFF switch? | | **🗆** |
| 1. Have you inspected the coolant delivery system of efficient operation? | | **🗆** |

Paste pages 1 and 2 back to back – cut out this section – laminate and trim to size

**COLD SAW**

Cold Saw

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| ***Portable_Plant_SOP***  **COLD SAW**  **Air Compressor** |
| **Important information – read before use** |
| **OPERATIONAL SAFETY CHECKS** |
| **DO NOT use faulty equipment – report this immediately to your teacher** |
| 1. DO NOT attempt to hold the work piece by hand. 2. Always use the vice to clamp the work. Properly support any over-hanging portion so the work piece is level with the base of the machine. 3. Do not leave the length stop in place on the free off-cut end of a clamped work piece after clamping. 4. Do not have any part of your body in line with the path of the cutting blade. 5. Allow the blade to reach full speed before cutting. 6. Ease the cutting blade against the work piece. Do not use excessive force when cutting. 7. Keep hands away from cutting area. Do not attempt to remove cut material or swarf while blade is moving. 8. After finishing the cut, raise the saw arm up, release the switch and wait for the blade to stop completely before removing your work piece or off-cut piece. 9. Immediately clean up any coolant spills. 10. Before making any adjustments, bring the saw to a complete standstill and disconnect from the AC power source. |
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| **NB this abrasive cut-off saw is not intended to cut wood or wood products.** |
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| **HOUSEKEEPING** |
| 1. Ensure all switches, guards and clamping is cleaned of all swarf and coolant. 2. Leave the machine in a safe, clean and tidy state. |
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| **POTENTIAL HAZARDS** |
| ◼ Moving, rotating and sharp parts ◼ Electricity ◼ Pinch and squash  ◼ Dust and fumes ◼ Noise ◼ Eye injuries  ◼ Burns and hot ejected waste material |
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| **FORBIDDEN** |
| * NEVER attempt to cut any material other than metals using this cold saw. |

**Date of last review:**  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Signature:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_