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| ***Portable_Plant_SOP***  **ANGLE GRINDER (cordless)**  🗹 | | |
| ***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?** | | **🗆** |
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| **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? | **🗆** |
| **Dust mask sign** | Do you require an approved dust mask? *(P2 dust and fumes)* | **🗆** |
|  | Are you wearing a sturdy 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. Is your work area clear of trip hazards and flammable materials? | | **🗆** |
| 1. If changing a grinding disc, check for appropriateness and arbor hole size. | | **🗆** |
| 1. Have you inspected the grinding disc for chips and cracks? | | **🗆** |
| 1. Are all guards in place and in good working order? | | **🗆** |
| 1. Does the grinding disc guarding cover half of the rotating disc? | | **🗆** |
| 1. Are you familiar with the operation of the ON/OFF switch? | | **🗆** |

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

Angle Grinder (cordless)

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| ***Portable_Plant_SOP***  **ANGLE GRINDER (cordless)**  **Air Compressor** |
| **Important information – read before use** |
| **OPERATIONAL SAFETY CHECKS** |
| **DO NOT use faulty equipment – report this immediately to your teacher** |
| 1. Do not attach the battery until adjustments have been made. 2. Do not fit a grinding disc that has been dropped, damaged or become wet at any stage. 3. Ensure your work piece is firmly secured and supported. 4. Keep fingers and hands clear of the rotating disc. 5. Use the grinder only in a designated work area – preferably behind a portable screen. 6. Be aware of flying hot sparks. Hold the grinder so that any sparks fly away from you and anyone nearby, and away from all flammable materials. 7. Allow the grinder to reach operating speed, then apply load gradually. Maintain a proper and steady footing at all times. 8. Maintain complete control. Always operate with both hands. Maintain a proper and steady footing at all times. 9. Do not apply excessive force and avoid prolonged use. 10. Grinder will not operate if the battery charge is too low. 11. Violent kickback can occur, particularly when cutting. 12. Leather gloves must be worn when handling hot metal. 13. Turn off after use. Do not place the grinder down until the disc has stopped rotating. |
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| **CAUTION: serious injuries can be caused by kickback** |
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| **HOUSEKEEPING** |
| 1. Leave the work bench and machine in a safe, clean and tidy condition. 2. Return the grinder to storage and remove the battery for recharging. |
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| **POTENTIAL HAZARDS** |
| ◼ Rotating and sharp parts ◼ Electricity ◼ Noise  ◼ Pinch and squash ◼ Dust and fumes ◼ Eye injuries  ◼ Burns and hot ejected waste material |
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| **FORBIDDEN** |
| * Never grind where hot sparks can accidentally be directed toward people or flammable materials. |

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