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| ***Portable_Plant_SOP***  **ANGLE GRINDER**  🗹 | | |
| ***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?  . | **🗆** |
| Foot Protection circle | Are you wearing protective footwear with substantial uppers?  . | **🗆** |
|  | Are you wearing a mask when excessive airborne dust is created? | **🗆** |
|  | Are you wearing appropriate hearing protection? | **🗆** |
|  | Are you wearing protective clothing, overalls, leather gloves, etc? | **🗆** |
|  | Is your hair contained or restrained, and have you removed exposed rings or jewellery? | **🗆** |
| **Have you read the important information section on the reverse?** | | **🗆** |
| **PRE-OPERATIONAL SAFETY CHECKS** | |  |
| 1. Is your work area suitable and safe? | | **🗆** |
| 1. Are the discs, guards and handle secure? | | **🗆** |
| 1. Does the safety guard cover half the disc? | | **🗆** |
| 1. Are the power lead and plug free from damage? | | **🗆** |

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

Angle Grinder

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| ***Portable_Plant_SOP***  **ANGLE GRINDER**  **Air Compressor** |
| **Important information – read before use** |
| **OPERATIONAL SAFETY CHECKS** |
| **DO NOT use faulty equipment – report this immediately to your teacher** |
| 1. Do not plug in until all 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 secured and supported. 4. Keep fingers, hands and power cord clear of the 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 constant pace to avoid uneven surfaces. 8. Maintain complete control. Always operate with both hands. Keep a proper and steady footing at all times. 9. Do not apply excessive force – this could cause the disc to shatter. 10. Avoid prolonged use and high pressures. This could overheat the motor. 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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| **Serious injuries can be caused by kickback** |
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| **HOUSEKEEPING** |
| 1. Do not lift or carry the angle grinder by the power cord. 2. Leave the work area in a safe, clean and tidy condition. |
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| **POTENTIAL HAZARDS** |
| ◼ Moving, rotating and sharp parts ◼ Electricity ◼ Eye injuries  ◼ Hot sparks and burns ◼ Dust and fumes ◼ Noise |

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