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| ***Portable_Plant_SOP***  **GRANULATOR**  🗹 | | |
| ***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?  . | **🗆** |
| Foot Protection circle | Are you wearing protective footwear with substantial uppers?  . | **🗆** |
| Hand Protection circle | Are you wearing protective cotton gloves when using the hot plastics? | **🗆** |
| **Hair Protection circle** | Is your hair contained or restrained? | **🗆** |
| Prohibition circle | Have you removed all rings and 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 you familiar with the granulator operations and controls? | | **🗆** |
| 1. Confirm you are not trying to shed/granulate materials other than plastics. | | **🗆** |
| 1. Have you identified the recyclable plastics materials suitable for thermoforming? | | **🗆** |
| 1. Is the equipment faulty or damaged? If so, immediately report it to your teacher. | | **🗆** |

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

Granulator

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| ***Portable_Plant_SOP***  **GRANULATOR**  **Air Compressor** |
| **Important information – read before use** |
| **OPERATIONAL SAFETY CHECKS** |
| **DO NOT use faulty equipment – report this immediately to your teacher** |
| 1. Make all adjustments to the granulator before turning it on. 2. Feed the material gradually and carefully. Never use force to load the feed hopper. 3. Beware of ejected material from the feed hopper. 4. Eye protection is absolutely mandatory as minimum PPE before operating this machine. 5. Wear appropriate hearing protection as required against excessive noise. 6. Never attempt to remove any material that may have become jammed in the top feed hopper, grinding mechanism, or lower collection tray. Always turn the machine off at the wall first. |
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| **Eye protection is absolutely mandatory while operating this machine** |
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| **HOUSEKEEPING** |
| 1. Turn the granulator unit off and unplug after use. 2. Always leave the machine in a safe, clean and tidy condition. Clean the lower collection tray. 3. Inspect all externally fixed guarding for condition and functionality. 4. Inspect and clean the shedding blades (by teachers, only as required). |
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| **POTENTIAL HAZARDS** |
| ◼ Entanglement in moving, rotating parts ◼ Sharp cutting blades ◼ Eye injuries from ejected materials ◼ Pinch and squash ◼ Plastic vapours and fumes ◼ 240v Electricity |

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