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| ***Portable_Plant_SOP***🗹**STRIP HEATER** |
| ***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?. | **🗆** |
| Description: Foot Protection circle | Are you wearing protective steel-toed work boots?. | **🗆** |
| Description: Hand Protection circle | Are appropriate gloves available for use when handling hot materials? | **🗆** |
| Hair Protection circle | If you have long or loose hair, is it tied back and contained? | **🗆** |
| Apron | Are you wearing apron clothing protect your clothing? | **🗆** |
| Description: 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, allowing for the safe use of this strip heater without interfering with other students or activities?
 | **🗆** |
| 1. Is the floor in your work area clear of trip and slip hazards?
 | **🗆** |
| 1. Have you inspected the condition of the strip heater and cord i.e. damage to electrical lead or casing of the strip heater?
 | **🗆** |
| 1. Is the plastic material to be heated suitable for use with this strip heater e.g. acrylic?
 | **🗆** |
| 1. Are all supports in place andin good working order?
 | **🗆** |
| 1. Has the opening of the heating element been adjusted to suit the thickness of material to be bent?
 | **🗆** |

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

 Strip Heater

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| ***Portable_Plant_SOP*****STRIP HEATER** |
| **Important information – read before use** |
| **OPERATIONAL SAFETY CHECKS** |
| **DO NOT use faulty equipment – report this immediately to your teacher.** |
| 1. Keep hands and fingers clear of the hot surface of the strip heater.
2. Always wear safety glasses and gloves when handling hot materials or adjusting the element opening (this area can be hot if heater has been on for some time).
3. Support the material to be heated. Use the outrigger support where fitted or other appropriate supports.
4. Avoid prolonged use. This could overheat the element causing it to fail or overload the electrical circuit. Turn off when not in use.
5. Regularly check the surface of the heating element for build-up of dust or waste such as saw-dust. Invert heater carefully and allow foreign waste to fall away from the heating element (ensure strip heater is unplugged).
6. If the element does not heat up efficiently, turn the machine off, and report it to your teacher.
7. Never leave the machine unattended when still switched ON or when switched OFF but still HOT.
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| **NEVER heat unknown plastics – some plastics may give-off toxic fumes.** |
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| **HOUSEKEEPING** |
| 1. Switch off, unplug, allow to cool and return to storage.
2. Always leave the strip heater in a safe, clean and tidy state.
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| **POTENTIAL HAZARDS** |
| ◼ Electricity ◼ Burns ◼ Heat and fumes ◼ Hot element and surfaces  |
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| **FORBIDDEN** |
| ◼ Heating inappropriate plastics or other materials. |

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