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| ***Portable_Plant_SOP*****PLANER** |
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| **DO NOT** use this machine unless a teacher has instructed you in its safe use and operation and has given permission |
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| Approved safety glasses and face shield must be worn at all times in all ITD spaces. | Hearing Protection circleAppropriate hearing protection *(Class 5 – SLC80 >26 dB)* must be worn. |
| Foot Protection circleAppropriate protective steel-toed boots must be worn in all ITD spaces. | mand154_safety_overalls_must_Sturdy, long ‘work wear’ must be worn when using this tool.  |
| A mask (P2 dust and fumes) *should* be worn when excessive airborne dust is created.  | Prohibition circle Remove all rings and jewellery.  |

### **DO NOT use faulty equipment – report this immediately to your teacher**

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### **PRE-OPERATIONAL SAFETY CHECKS**

1. **Ensure the power tool has a suitable safe work area.**
2. **Material should be free of lose knots or foreign objects.**
3. **Make sure the material to be cut is securely supported and at good working height.**
4. **Make sure the planer blades are not chipped or cracked.**
5. **Examine the planer casing, power lead and plug for obvious damage.**
6. **Ensure you are familiar with the ON/OFF switch.**
7. **Ensure your work area is clear of slip/trip hazards and flammable materials.**

#### OPERATIONAL SAFETY CHECKS

1. **Never use electrical cord to lift, lower or carry the planer.**
2. **Do not support your material by hand – set up on bench or supports. Use two hands to operate.**
3. **Do not start planer with blade touching material. Allow the equipment to reach full speed before starting to cut.**
4. **Keep fingers and any objects clear of the chip ejector while planer is running**
5. **Keep hands and power leads away from underneath the work. Do not attempt to remove cut material while the blade is turning.**
6. **Never pull the planer backward over the work piece, always cut in the forward direction.**
7. **Never place the planer down on a surface until the blade is completely stopped.**
8. **Before making any adjustments of the planer, bring the machine to a complete standstill and then disconnect the AC plug from the power source.**
9. **After changing blades, rotate the blade cylinder carefully by hand to make sure blades are secure and not hitting any part of the planer casing (must be unplugged).**

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| **NB this power tool can produce excessive noise levels greater than 105dB** |

#### HOUSEKEEPING

1. **Stow power tool away carefully and correctly.**
2. **Leave the work area in a safe, clean and tidy condition.**

## POTENTIAL HAZARDS

* + **Moving, rotating and sharp blades ◼ Electricity ◼ Noise**
	+ **Ejected waste ◼ Eye injuries ◼ Dust and fumes**

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