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| ***Portable_Plant_SOP***  **ELECTRIC PLANER (cordless)** | |
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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 must be worn at all times in all ITD spaces. | An approved dust mask must be worn (P2 dust and fumes). |
| Foot Protection circleAppropriate protective steel-toed work boots must be work in all ITD spaces. | Description: mand154_safety_overalls_must_Sturdy ‘work wear’ clothing or overalls must be worn. |
| Appropriate hearing protection must be worn (*Class 5 – SLC80 >26 dB)* |  |

### **Never operate a faulty electrical power tool. Report it to your teacher.**

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

1. **Ensure your work area is suitable and provides adequate space to allow for the safe use of this tool without interfering with other students/activities.**
2. **Ensure the material to be cut is free of loose knots or foreign materials e.g. nails.**
3. **Ensure the material to be cut is securely supported and at a good working height.**
4. **Check the planer blades for chips and cracks.**
5. **Check that the planer casing, electrical cord and plug are all in good condition.**
6. **Familiarise yourself with the operation of the ON/OFF switch.**
7. **Ensure your work area is clear of trip hazards and flammable materials.**

#### OPERATIONAL SAFETY CHECKS

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

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

#### HOUSEKEEPING

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

## POTENTIAL HAZARDS

* + **Moving, rotating and sharp parts ◼ Noise ◼ Electricity**
  + **Dust and fumes ◼ Ejected material ◼ Eye injuries**
  + **Pinch and squash**

## FORBIDDEN

* + **DO NOT operate this equipment in moist or wet conditions.**

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