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| ***Portable_Plant_SOP***  **PALM ROUTER (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. | Contain or restrain long and loose hair when necessary. |
| Foot Protection circleAppropriate protective footwear with substantial uppers must be worn in all ITD spaces. | Wear close fitting protective clothing, overalls or a suitable workshop apron. |
| Rings and jewellery must not be worn when using this portable power tool. | Hearing protection *must* be worn when noise is excessive. |

### **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. **Check the router and bit for obvious signs of damage.**
3. **Examine the battery and charger for obvious damage.**
4. **Plan a routing procedure and the direction of travel.**

#### OPERATIONAL SAFETY CHECKS

1. **Check the workpiece for faults and defects.**
2. **Fit the correct router bit (size and profile) to the machine and ensure it conforms to machine specifications.**
3. **Make all adjustments for depth of cut BEFORE connecting to the battery.**
4. **Ensure your work piece is firmly secured and supported.**
5. **Always consider the direction of rotation. This will determine the direction the router is to travel.**
6. **Allow the router to reach operating speed, then apply load gradually. Maintain a constant pace to avoid uneven finishes.**
7. **The router will not operate if the battery is too low.**
8. **Keep the sole plate pressed firmly on the work piece.**
9. **Do not apply excessive force – this could cause the cutter bit to burn the work piece.**
10. **If any unforeseen problems arise while routing, stop immediately, switch off and report it to your teacher.**
11. **Turn off immediately after use. Do not place the router down until the cutter has stopped rotating.**

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| **Be extremely cautious of this high speed tool** |

#### HOUSEKEEPING

1. **After use, return the battery for recharging.**
2. **Leave the work area in a safe, clean and tidy condition.**

## POTENTIAL HAZARDS

* + **Rotating sharp parts ◼ Kickbacks ◼ Electricity**
  + **Ejected waste ◼ Eye injuries ◼ Dust**
  + **Noise**

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