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| ***Portable_Plant_SOP*****SANDER (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. | A mask *must* be worn when excessive airborne dust is created.  |
| Foot Protection circleAppropriate protective footwear with substantial uppers must be worn in all ITD spaces. | A suitable workshop apron or close fitting protective clothing must be worn.  |
| Hearing protection may be necessary when noise levels are considered excessive. | Gloves *must not* be worn when using this portable power tool.  |

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

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

1. **Ensure these sanders have a suitable, safe work area.**
2. **Examine the battery and sander for obvious damage.**
3. **Do not use dull or damaged sanding discs or belts.**
4. **Check sanding discs and belts are correctly fitted.**

#### OPERATIONAL SAFETY CHECKS

1. **Fit battery only after all adjustments have been made.**
2. **Examine the material to be sanded for splits, loose knots and nails, etc.**
3. **Always select the correct abrasive and grade of disc.**
4. **Sanding discs with holes must align with those on the rubber pad to allow for efficient dust collection.**
5. **Always make sure a dust bag is fitted and emptied regularly for efficient operation of the sander.**
6. **Ensure the work piece is secure and well supported.**
7. **All cordless portable sanders are best used when securely held with both hands.**
8. **Keep fingers and hands well clear of moving parts.**
9. **Allow the sander to reach operating speed, then apply load gradually. Do not apply excessive force.**
10. **Cordless sanders normally will not operate when the battery charge level is too low.**
11. **Avoid blocking and covering the motor ventilation slots with your hands.**
12. **Maintain a constant pace to avoid uneven sanding.**
13. **Be cautious of sanding too close to edges and corners.**
14. **Replace sanding disc once edges are torn or frayed.**

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| **Always wear safety goggles and a dust mask** |

#### HOUSEKEEPING

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

## POTENTIAL HAZARDS

* + **Moving, rotating and abrasive parts ◼ Noise ◼ Electricity**
	+ **Burns (friction) ◼ Eye injuries ◼ Dust**

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