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| ***Portable_Plant_SOP*****RECIPROCATING SAW** |
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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 and remove exposed rings or jewellery.  |
| 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 should be worn when noise levels are excessive.  |  |

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

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

1. **Ensure this power tool has a suitable safe work area.**
2. **Ensure the blade is intact and suits the material to be cut.**
3. **Ensure blade guarding is in place (if applicable).**
4. **Examine the power lead and plug for obvious damage.**

#### OPERATIONAL SAFETY CHECKS

1. **Examine the material to be cut for splits, loose knots, etc.**
2. **Check the blade runs ‘true’ and does not wobble.**
3. **Ensure the work piece is secure and well-supported.**
4. **Do not plug in until all adjustments have been made.**
5. **Ensure the power cord is well clear of the blade.**
6. **Check the underside of the cut to ensure that the blade will not cause any damage or be obstructed.**
7. **Allow the saw to reach full speed before starting.**
8. **Always saw at a moderate rate. Do not apply excessive force to the material being cut.**
9. **Keep hands away from the cutting operation.**
10. **Take care when cutting curves to ensure that the blade does not twist or bind. If the blade breaks, stop sawing immediately. Switch the machine off and report it to your teacher.**
11. **If the blade binds, release the switch immediately – free the blade and inspect for damage.**
12. **Ensure that off-cuts will not cause binding, or fall on your feet.**
13. **On completion, wait for the blade to stop moving before resting the saw on its side, protecting the blade.**

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| **Ensure the blade runs ‘true’ and does not wobble.**  |

#### 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 sharp parts ◼ Burns ◼ Electricity**
	+ **Dust ◼ Eye injuries**  **◼ Ejected waste**

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