|  |  |
| --- | --- |
| ***Portable_Plant_SOP***  **JIGSAW** | |
|  | |
|  | |
| **DO NOT** use this machine unless a teacher has instructed you in its safe use and operation and has given permission | |
|  | |
| Approved safety glasses must be worn at all times in all ITD spaces. | Long and loose hair *must* be contained or restrained for some operations. |
| 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. |
| Appropriate hearing protection *should* be worn when noise levels are excessive. | Gloves *must not* be worn when using this portable power tool. |

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

### 

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

1. **Ensure the power tool has a suitable safe work area.**
2. **Make sure the blade is intact and suits the material to be cut.**
3. **Examine the power lead and plug for obvious damage.**
4. **Plan a sawing procedure to minimise backing out.**

#### OPERATIONAL SAFETY CHECKS

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

|  |
| --- |
| **Ensure the power cord is clear of the blade** |

#### HOUSEKEEPING

1. **Return the power tool to its correct storage cupboard.**
2. **Leave the work area in a safe, clean and tidy condition.**

## POTENTIAL HAZARDS

* + **Moving, rotating and sharp parts ◼ Dust ◼ Electricity**
  + **Ejected waste ◼ Eye injuries ◼ Burns**

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