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| Author: Kevin Arne Title: Prototyping Lab Manager Date: 8/15/2022  |
| #1 Process (if applicable) | Cutting wood freehand |
| #2 Equipment | Jigsaw |
| #3 Personal Protective Equipment (PPE) | * Eye protection
* Gearing protection
* Minimum shop PPE
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| #4 Environmental /Ventilation controls. | None |
| #5 Required training or approval  | * Jigsaw training
* Review and observe general shop safety practices outlined in the MKRSPC MNL.
* Refer to the manufacturer’s operating manual for all operating procedures.
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| #6 Inspection requirements before use | * Visually inspect the entire machine including power supply.
* Replace the blade if it appears bent or dull.
* Check the area to be sure people are alert and wearing PPE.
* Ensure all guards are fitted, secure and functional. Do not operate if guards are missing or faulty.
* Keep work area clear of all tools, off-cut timber and sawdust.
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| #7 Safe operating procedures or precautions | * Check to see that all adjustments are secure before making a cut.
* Before turning on the saw, perform a dry run of the cutting operation to ensure no problems will occur when the cut is made.
* Make sure the cut path does not cross any material underneath the workpiece that you don’t want cut.
* Make sure both the final piece and the offcut piece will be supported by worktables throughout the cut. Jigsaws are prone to excessive vibration when the piece is not fully secured, which can be dangerous.
* Keep fingers at least 6 inches away from the blade.
* Use clamps to hold the workpiece, never use your hands.
* After finishing the cut, release the switch, and wait for blade to stop before removing work or offcut piece.
* Leave the woodshop in a safe, clean and tidy state.
* Avoid touching the blade after cutting as it is frequently hot enough to burn you.
* Remove the blade before putting away the jigsaw.
* If there are any questions regarding safety, ask a staff member for help.
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| #8 Chemicals/ spill procedures/waste disposal |  Not applicable |
| Author Signature: Date:  |