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| Author: Kevin Arne Title: Prototyping Lab Manager Date: 8/9/2022 | |
| #1 Process  (if applicable) | Cut wood in a straight line |
| #2 Equipment | Circular saw |
| #3 Personal Protective Equipment (PPE) | * Eye protection * Gearing protection * Minimum shop PPE |
| #4 Environmental /  Ventilation controls. | None |
| #5 Required training or approval | * Circular saw training * Review and observe general shop safety practices outlined in the MKRSPC MNL. * Refer to the manufacturer’s operating manual for all operating procedures. |
| #6 Inspection requirements before use | * Visually inspect the entire machine including power supply. * 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. |
| #7 Safe operating procedures or precautions | * Check to see that all adjustments are secure before making a cut. * Set the depth of cut to the minimum possible. A good rule of thumb is that a single tooth gullet should extend beyond the bottom of the workpiece. * 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 both the final piece and the offcut piece will be supported throughout the cut. * 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. * Keep the blade straight during your cut to reduce the chance of binding. Use a straight edge clamped to the material if needed. * Keep your body out of the kickback zone as much as possible. Circular saws tend to kickback along the plane of the blade. * Leave the woodshop in a safe, clean and tidy state. * If there are any questions regarding safety, ask a staff member for help. |
| #8 Chemicals/ spill procedures/waste disposal | Not applicable |
| Author Signature: Date: | |