|  |  |
| --- | --- |
| Author: Kevin Arne Title: Prototyping Labs Supervisor Date: 6/15/2022 | |
| #1 Process  (if applicable) | Cut material (wood) by drawing a metal saw blade down through the work piece. |
| #2 Equipment | Miter saw |
| #3 Personal Protective Equipment (PPE) | * Eye protection * Gearing protection * Minimum shop PPE |
| #4 Environmental /  Ventilation controls. | The dust collection system should be turned on before starting the cut. |
| #5 Required training or approval | * Miter 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 table and work area clear of all tools, off-cut timber and sawdust. * Start the dust extraction unit before using the machine. |
| #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 workpiece is held firmly against the fence during the cut, either by hand or with a push stick if the workpiece is too small. * Keep fingers at least 6 inches away from the blade. * When using the sliding feature, start your cut on the edge closest to you and finish closest to the fence. * Use clamps to hold the workpiece whenever possible. * Avoid reaching over the saw line. Do not cross arms when cutting. * When pulling the saw down with your right hand, keep the left hand, especially the thumb, well clear of the line of cut. * After finishing the cut, release the switch, hold the saw arm down and wait for blade to stop before removing work or off-cut piece. * Leave the machine 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: | |