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| Author: Kevin Arne Title: Prototyping Labs Supervisor Date: 6/15/2022 | |
| #1 Process  (if applicable) | Rough cutting of wood or plastic |
| #2 Equipment | Band saw |
| #3 Personal Protective Equipment (PPE) | * Eye protection * Ear protection * Minimum shop PPE |
| #4 Environmental /  Ventilation controls. | Turn on the dust collector before you start your cut. |
| #5 Required training or approval | * Band saw training. * Review and observe general safety practices outlined in the Shop Equipment Safety Guidelines. * Refer to the manufacturer’s operating manual for all operating procedures. |
| #6 Inspection requirements before use | * Locate and ensure you are familiar with the operation of the ON/OFF and E-Stop. * Use a jig to hold the work piece, if possible. * Adjust the blade guard to a height that reduces the amount of exposed blade. |
| #7 Safe operating procedures or precautions | * Keep a balanced stance at the band saw. * Never lean into a band saw cut. * Keep hands and fingers at least 6 inches away from the blade. * The work piece should be fed forward evenly and held firmly on the table to ensure effective control during cutting whilst keeping hands in safe position. * Use a push stick or board to push small or irregular sized stock. * Before making adjustments to the fence or miter gauge switch off the saw and bring the machine to a complete standstill. * Do not cut round objects like dowels without proper workholding. * Never attempt to remove small pieces caught in the table with the blade running. * When finished using machine, switch off the saw and reset all guards to a fully closed position. Wait until the machine comes to a complete stop. * Make sure to 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 | Check the dust collection system and make sure it is properly maintained and dust is removed frequently. |
| Author Signature: Date: | |