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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
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| #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.
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| #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.
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| #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.
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| #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:  |