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| Author: Jessie Zhao Title: Prototyping Labs Technical Assistance Date: 8/18/2022 | |
| #1 Process  (if applicable) | The Dremel is handheld, which is best used for sanding on specific spots that require additional sanding. |
| #2 Equipment | Dremel |
| #3 Personal Protective Equipment (PPE) | Safety glasses and hearing protection, plus minimum shop PPE. |
| #4 Environmental /  Ventilation controls. | * Ensure you have a suitable, safe work area. * Examine the power lead and plug for obvious damage. |
| #5 Required training or approval | * Dremel training * Review and observe general safety practices outlined in the Machine Shop Equipment Safety Guidelines * Refer to the manufacturer’s operating manual for all operating procedures |
| #6 Inspection requirements before use | * Ensure this power tool has a suitable safe work area * Examine the power lead and plug for obvious damage * Do not use dull or damaged drill bits * Check the selected drill bit is correctly fitted * Ensure all equipment has been tested and tagged as per applicable regulations |
| #7 Safe operating procedures or precautions | * Select desired attachment from selection. Ensure attachment is in good condition * The attachment must be properly fitted and inserted all the way into the collet of the Dremel * Secure desired attachment to Dremel body using two wrenches * Ensure the power switch is in the “off” position before connecting to a power a source * Plug into power source * The user should position themselves away from the plane of the rotating attachment * Maintain a firm grip during startup * Adjust power switch to “on position” * Do not run the Dremel at a faster speed than the attachment is rated for * Use care when altering edges and corners. Avoid bouncing or snagging the attachment * Adjust power switch to “off position” * Unplug Dremel from power source * Clean the tool’s air vents after use to prevent potential electrical hazards * Remove the attachment using two wrenches * Inspect tool for changes in condition |
| #8 Chemicals/ spill procedures/waste disposal | * Pack up Dremel and return to the proper storage location * Leave the work area in a clean and tidy condition |
| Author Signature: Date: | |