*Norwich Technical High School - Electronics Technology Date Updated:* 

*7 Mahan Drive*

*Norwich, CT 06360*

**TITLE: Copper board Guillotine**

**APPROVALS:**

**Author: Aiden Malone, Jordan Glidewell Date: 1/3/2024**

**Review: Date:**

1. **Revision History:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Initial** | **REV** | **DATE** | **SUMMARY OF CHANGES** |
| **JG,AM** | **A** | **1/3/24** | **Initial Release** |
| **GC, AM, JG** | **B** | **2/08/24** | **Reworded and explain steps more thoroughly** |

1. **Purpose:**
   1. To cut copper boards for circuits to fit the blue sheets.
2. **Safety:**
   1. Keep your fingers away from the cutter when in use.
   2. Use safety glasses to protect your eyes.
3. **Materials:**

* Copper Board
* Sharpies, or X-acto knife (for marking copper)

1. **Procedure:**

|  |  |  |
| --- | --- | --- |
| **Step** | **Procedure** | **Picture** |
|  | **In the cage located in the center of the shop, on the right-hand side is the container of copper boards of various sizes. Find the copper board closest to desired size in the container.** |  |
|  | **Mark the desired size of copper board needed to fit your circuit.** |  |
|  | **Make sure to wear proper safety equipment while cutting copper boards.** |  |
|  | **Make sure to not have any appendages or loose items in the path of the blade.** |  |
|  | **Make sure board is secure using the clamp on the left side of the machine** |  |
|  | **Cut the copper board along the marked path you drew.** |  |
|  | **Remove the copper board that you cut and clean up excess copper around the cutter as needed.** |  |