|  |  |
| --- | --- |
| **Module Name**  **Mechanical Testing Protocol – 20 Pts** | **ID: P-MT-1** |
| **Due Date: See Canvas Assignment, Canvas Upload** |  |

**Prototyping Protocol: – (Name & File ID of Protocol that this test data refers to)**

**Date Written –** 1/22/2020

**Date Revised –** 2/22/2021

**Author: Your Name Here**

**Instructions**: Text in grey highlight should be revised based on your specific needs. There should be no grey highlighted text in your final deliverable, the highlights serve only to indicate regions that will likely need to be edited. This template serves only as an example document, revise to suit the given situation. **Delete this ‘Instructions’ paragraph prior to submission**.

**Protocol Description – (Name / Title of Protocol)**

Describe what device, tool, test, item etc… that this protocol is used in creating. This should sufficiently describe what you are building so another person, trained in the art, can understand what you are building and why you are building it. The person should be able to repeat your work exactly as you did.

**Tools and Equipment**

Here is example table, change this as appropriate based on your specific needs. List all of the tools and equipment needed to perform the mechanical testing. There is probably more equipment needed than the two entries filled in below.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Tool** | **Name / # if applicable** | **Location** | **Purpose** |
| TE1 |  |  |  |  |
| TE2 |  |  |  |  |

**Materials**

Here is example table, change this as appropriate based on your specific needs.

|  |  |  |
| --- | --- | --- |
| **ID** | **Material** | **Purpose** |
| MAT1 |  |  |

**Machine Settings – Machine / Test Name and settings needed to perform test**

Use this table to define how you will run your tests. What the settings will be used for each test etc... Also, be able to relate this table test settings to your Mechanical Testing Data documents. That way the test data can be traced back to the specific settings outlined in this protocol.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Title** | **Title** | **Title** | **Title** |
|  |  |  |  |  |
|  |  |  |  |  |

**Values to be Recorded**

Use this table to define which values need to be recorded during your tests.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Title** | **Title** | **Title** | **Title** |
|  |  |  |  |  |
|  |  |  |  |  |

**Notes**