

## **Test Plan: Funnel and Tube Transporting Pellets**

### **Overview:**

The main objective of this test plan is to verify that we can transport the pellets from the funnel holding them to the print head. If this doesn't work with just gravity, we will try to attach an agitator to the tubing.

### **Testing Configuration:**

In order to test the funnel and tube transporting the pellets we will need the following materials:

1. Funnel
2. Tubing
3. Pellets
4. Agitator
5. Some sort of stand

### **Test Procedure:**

1. Hold the funnel with some sort of stand
2. Add the tubing
3. Add pellets to the funnel
4. Watch to see if the pellets come out and how they come out
5. Hold the tubing at different angles to see what is best
6. If nothing comes out, add an agitator and repeat step 5

### **Pictures/Videos:**

### **Pass/Fail Criteria:**

Whether or not the pellets come out or don't come out, with or without an agitator.

### **Responsibilities/Approval Process:**

Alyssa Palmieri will be responsible for running this test plan. Ray and Alyssa will be the ones responsible for approving the test results. A secondary opinion will be sought at to further validate the testing results.

### **Risks and Contingencies:**

1. The pellets could get jammed