Cleaning Procedure

Quick Cleaning Procedure for 3D Printing Area

Total Time: 8 Minutes

1. **Preparation (1 Minute)**

- **Gather Cleaning Supplies**: Collect all necessary cleaning tools and materials, such as isopropyl alcohol, microfiber cloths, plastic scrapers, a small broom, dustpan, and waste bins.

2. **Clear the Build Area (2 Minutes)**

- **Remove Debris**: Carefully remove any loose filament strands, failed prints, and raft materials from the build plate and surrounding area.
- **Dispose of Waste**: Immediately place all debris into the designated recycling bin or trash depending on the material type.

3. **Clean the Build Plate (2 Minutes)**

- **Wipe Down**: Spray a small amount of isopropyl alcohol on the build plate and gently wipe with a microfiber cloth to remove any adhesive residue or leftover filament.
- **Check for Stickiness**: Ensure the surface is not sticky; if residue persists, use a plastic scraper gently to remove any stubborn spots.

4. **Sweep the Area (1 Minute)**

- **Sweep Up**: Use a small broom to sweep the floor and areas around the printer, focusing on gathering any dust, filament fragments, and other small debris.
- **Collect with Dustpan**: Pick up the swept debris with a dustpan and dispose of it properly.

5. **Inspect and Wipe Printer Exterior (1 Minute)**

- **Quick Inspection**: Visually inspect the printer for any spilled materials or dust.
- **Clean Exterior**: Wipe down the exterior surfaces of the printer with a dry microfiber cloth to remove dust and potential spills.

6. **Organize Supplies (1 Minute)**

- **Return Supplies**: Put back all cleaning materials and tools to their designated storage spots.

- **Ready for Next Use**: Ensure that the printer is set up for the next user, with the build plate correctly aligned and the filament guide clear.

By incorporating sweeping into the cleaning routine, you ensure that the area not only stays free of large debris but also maintains a level of cleanliness that prevents dust and small particles from affecting printer operation and product quality.

Revision #1
Created 6 May 2024 03:51:23 by Ian G
Updated 6 May 2024 04:09:29 by Ian G