

RELIANT

Typical Maintenance Schedule for Powder Spray Enclosure

We want your equipment to run smoothly and efficiently for years to come! Here are some common maintenance tasks that can extend the service life of your booth and prevent costly downtime. Performing these scheduled, routine tasks will not only help prolong the life of your booth, it will assure that your booth retains warranty coverage.

EVERY DAY

Check/Clean Booth Floor



Before using the booth, check the interior floor in case it needs to be swept or vacuumed to remove debris and spent powder—be sure to keep trash away from the exhaust filters.

Check/Clean Booth Walls & Lights



Inspect the booth's interior and check the walls and ceiling in case they need to be cleaned by hand or vacuumed/blown down to remove debris. **DO NOT** use solvent-based cleaners because residue can cause finish problems on your parts. Carefully clean the glass of the light fixtures before powder overspray bakes into place.

Check the Blanket Filter



Check the blanket filter for damage or excessive powder build-up. **DO NOT** spray it with compressed air as compressed air will damage the filter and reduce performance.

Maintain a Log Book



By keeping a log of key information from daily and weekly inspections, such as filter condition, the owner/operator can gain a better understanding of the booth's performance characteristics. By logging unexpected events, like the booth's failure to adequately capture powder overspray, the operator can help speed the troubleshooting process and reduce downtime. **MAKE A BOOTH LOG AND KEEP IT ACCURATE AND UP TO DATE!**

ONCE EVERY 1-3 WEEKS

Rotate the Bag Filters



Rotate the bag filters one quarter turn (90°). The bag filters capture most of the powder the blanket filter doesn't catch. Rotating the filters will help even out wear and make them last longer. **DO NOT** use compressed air to clean filters.

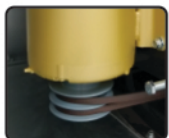
Check the Door/Wall Panel Filters (if applicable)



If the booth has filtered doors or walls, check the panel filters for a build up of dust and debris. Replace them if necessary. **DO NOT** spray them with compressed air as compressed air will damage the filters and reduce performance.

ONCE A MONTH

Check the Fan Belts



Check the fan belts for wear and tension. When checking tension, the belts should have between a 1/2" to 3/4" of deflection when you press firmly against the belt. **DO NOT** over-tighten the belts. Make sure the belts have the recommended amount of deflection.

Check and Clean the Exhaust Chamber



Check the exterior of the exhaust chamber (around the tubaxial fan) and interior of the exhaust chamber (behind the blanket and bag filters) for powder build-up and clean as needed.

ONCE EVERY 1-3 MONTHS

Replace the Bag Filters



We recommend you replace the bag filters every one to three months to prevent powder build-up on the fan. Changing these filters also helps assure that powder does not pass through worn spots and prematurely clog the final filters.

ONCE EVERY 1-6 MONTHS

Replace the Door/Wall Panel Filters (if applicable)



If the booth has filtered doors or walls, replace the panel filters routinely. Clogged filters will impede air flow through the booth and reduce booth performance.

Clean the Final Filters



Check the final filters for powder build-up. They may be cleaned by holding them face down, approximately six inches above a clean, level surface, and dropping them 3-4 times to dislodge any build-up. Under no circumstances should you use compressed air or a vacuum to clean the filters. The interior filter media is delicate and can be damaged by compressed air or heavy direct suction from a vacuum.

ONCE EVERY 6-12 MONTHS

Replace the Final Filters



Our standard final filters typically last for up to 6 months of operation depending on usage. Check and replace as needed.

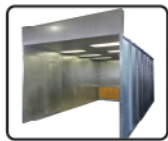
ONCE A YEAR

Service the Booth Exhaust Fan/Drive & Test



Have a service technician inspect, clean, possibly replace the booth exhaust fan belts, and check bearings for excessive play or noise. Make sure the motor is clean, and then test the fan for proper performance.

Check Booth Structure



About once a year you should look over the booth structure to make sure there are no unusual gaps between panels, at seams, etc. and apply caulk to any that you find. Serious issues with the structure should be addressed immediately with a skilled service technician.

By following this inspection and maintenance timeline, you'll get the best performance from your Reliant booth. If you have questions, need advice or want to get maintenance or repair parts, call Reliant Finishing Systems at (888) 770-0021 or contact us via email at info@reliantfinishingsystems.com.