

Spray Booth Maintenance Checklist

Daily Tasks

These tasks should be completed at the end of every shift to ensure booth safety, cleanliness and longevity:

- Sweep the floors:** Remove dust, debris, and overspray using a broom or approved cleaning tools. Avoid using a vacuum or any other electrical equipment unless it's rated for hazardous environments to avoid spark hazards.
 - Inspect air filters:** Ensure that the filters are not blocked or saturated. Check your manometer to determine if filters have reached their filter-load limit. Replace if necessary to maintain proper airflow.
 - Wipe down surfaces:** Use a non-sparking scraper to remove overspray from walls. Clean glass panels on lights and doors to ensure optimal visibility.
 - Check for debris at entrances:** Ensure that the area around booth doors & door seals is clear of debris. Debris could create gaps in seals leading to contamination of your work.
-

Weekly Tasks

These tasks help to maintain overall booth hygiene and prevent contamination build-up:

- Deep clean walls and floors:** Use a solvent-based cleaner or approved pressure washer to clean the walls and floors of the booth. Make sure to use a mop made of non-cotton material.
 - Inspect seals and joints:** Check door seals, windows, and booth joints for cracks or damage. Repair any damaged seals to prevent air leaks or contamination.
 - Check exhaust fans:** Ensure that fans are running smoothly, without any unusual noises. Look for loose blades or frayed wiring, and make sure exhaust ventilation is functioning properly.
 - Clean spray equipment:** Inspect spray guns, hoses, and other equipment for overspray. Replace worn-out parts and clean them thoroughly.
-

Monthly Tasks

- These tasks focus on extending the life of your equipment and ensuring that your booth continues to operate at optimal performance:
 - Inspect air pressure and airflow:** Use a manometer to measure booth air pressure. This will help you identify when air filters are clogged and need to be replaced.
 - Inspect and replace filters:** Replace air intake and exhaust filters based on manufacturer recommendations, or sooner if you notice restricted airflow. Regular filter changes improve booth efficiency and reduce contamination.
 - Check for air leaks:** Conduct a thorough inspection of booth seams, doors, and windows for any air leaks. Re-caulk or seal these areas as necessary.
 - Clean the AMU (Air Makeup Unit):** Ensure the AMU is clean and functioning properly to regulate booth temperature and airflow.
 - Monitor the drying system:** Inspect the booth's drying system for moisture buildup, which could damage paint finishes. If needed, install refrigerant dryers to reduce moisture in compressed air systems.
-

Additional Preventative Maintenance Tips

Implementing good habits can prevent dust and dirt from entering your booth and minimize the need for extensive cleanings:

- Keep booth doors closed:** Always close doors unless moving objects in and out.
 - Use protective equipment:** Ensure employees use personal protective equipment (PPE) such as headcovers when entering the booth.
 - Prep outside the booth:** Never sand or prep parts inside the booth. Always use a separate area for sanding to prevent dust from entering.
 - Store materials properly:** Ensure all paints, coatings, and other chemicals are stored outside of the booth when not in use.
-

Inspection Checklist

This section will help ensure that your team knows what to look for during routine inspections to catch potential issues early:

- Are the air filters clean and functioning properly?
 - Are the lights and windows free from overspray or dust buildup?
 - Are the booth seals intact with no cracks or air leaks?
 - Is the exhaust fan functioning without any strange noises or vibrations?
 - Is the booth floor clean and free from debris?
 - Is the AMU clean and maintaining proper temperature and airflow?
 - Are spray guns and hoses clean and in good working order?
-

Need Expert Assistance?

If you need more guidance on your **industrial spray booth upkeep** or require maintenance services, don't hesitate to **contact Marathon Finishing**. We're here to ensure your booths are always running at peak efficiency!
