

## Best Practices Checklist Spray Gun Cleaning

<i>INSTALL AND USE AN AUTOMATED GUN CLEANING UNIT<sup>1</sup></i>				
<ul style="list-style-type: none"> <li>• Reduces employee exposure (skin contact and inhalation) to gun cleaning solvent and paint</li> <li>• Reduces solvent waste and saves money on waste disposal fees</li> <li>• Cuts down on solvent use and saves money on virgin solvent</li> </ul>				
Existing gun cleaning unit: <input type="checkbox"/> Enclosed basin <input type="checkbox"/> Parts sink <input type="checkbox"/> Ventilated <input type="checkbox"/> Other: _____				
OK	Needs Work	N/A	Element	Implementation Notes
			Enclose/cover gun cleaning unit when possible	
			Use automated cycle where possible	
			If vented, exhaust vapors out of work area	
			Preclean gun to remove gross contamination and extend service life	

<sup>1</sup>Required element of the City of Philadelphia Department of Public Health, Air Management Regulation V.

<i>MAINTAIN GUN CLEANING UNIT</i>				
<ul style="list-style-type: none"> <li>• Improves solvent performance</li> <li>• Reduces worker exposures</li> <li>• Prevents solvent loss from evaporation or leaks</li> </ul>				
Solvent replacement: <input type="checkbox"/> In-house <input type="checkbox"/> Outside service    System in good condition: <input type="checkbox"/> Yes <input type="checkbox"/> No				
OK	Needs Work	N/A	Element	Implementation Notes
			Replace solvent routinely (at least once a month)	
			Ensure hoses and unit are intact	
			Ensure lid seats properly	

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THE DESIGN FOR THE ENVIRONMENT AUTO REFINISH PROJECT'S GOAL IS TO WORK WITH AUTO REFINISHERS TO IDENTIFY AND ADOPT SAFER, CLEANER, MORE EFFICIENT PRACTICES AND TECHNOLOGIES.

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## Best Practices Checklist Spray Gun Cleaning (continued)

<i>USE PROPER RESPIRATORY PROTECTION<sup>1</sup></i>				
• Reduces employee inhalation exposures to solvent vapors				
Type of respirator used: <input type="checkbox"/> 1/2 mask APR <input type="checkbox"/> Full facepiece APR <input type="checkbox"/> None <input type="checkbox"/> Other: _____				
Type of cartridge used: <input type="checkbox"/> Organic vapor <input type="checkbox"/> Other: _____				
OK	Needs Work	N/A	Element	Implementation Notes
			Consistently use half-mask APR w/organic vapor cartridge or better when cleaning spray guns or when working near the cleaning unit (See guidance on respiratory protection programs and a list of respirator manufacturers and suppliers in the Health and Safety Management Section of your kit.)	

<sup>1</sup>Required element of OSHA where contaminant levels exceed the Permissible Exposure Limit (PEL).

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## Best Practices Checklist Spray Gun Cleaning (continued)

<i>WEAR CHEMICAL PROTECTIVE GLOVES AND EYEWEAR<sup>1</sup></i>				
• Reduces employee skin exposure to solvents				
Type of gloves worn: <input type="checkbox"/> Nitrile <input type="checkbox"/> Butyl rubber <input type="checkbox"/> PVA <input type="checkbox"/> Latex* <input type="checkbox"/> None <input type="checkbox"/> Other: _____				
How often are gloves changed? <input type="checkbox"/> After each task <input type="checkbox"/> Several times per day, but not after each task <input type="checkbox"/> Once or twice per day <input type="checkbox"/> Other: _____				
Protective eyewear used? <input type="checkbox"/> Yes <input type="checkbox"/> No				
OK	Needs Work	N/A	Element	Implementation Notes
			Consistently wear proper gloves when working with paints and solvents (check with glove manufacturer for suggested glove types - see a list of protective glove manufacturers and suppliers in the Health and Safety Management section of your kit)	
			Ensure gloves are in good condition and free of tears or punctures	
			Wear proper eye protection	

\*Latex gloves do not provide protection against most solvents used in auto refinishing shops.

<sup>1</sup>Required element of OSHA's Personal Protective Equipment (PPE) standard (29 CFR 1910.132).

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