

Best Practices Checklist HVLP Spray Guns

<i>USE HVLP SPRAY GUNS FOR ALL APPLICATIONS¹</i>																								
<ul style="list-style-type: none"> • Increases transfer efficiency and reduces overspray • Reduces worker exposures • Reduces coating volume needed for each job • Reduces coating costs (see the Example of Cost Savings Using an HVLP Spray Gun provided in this kit) • Reduces shop emissions 																								
<table style="width: 100%; border: none;"> <tr> <td style="width: 20%;">Spray Guns Used:</td> <td style="width: 30%;">HVLP (type)</td> <td style="width: 20%;">Conventional</td> <td style="width: 20%;">Both</td> <td style="width: 10%;"></td> </tr> <tr> <td>Primer:</td> <td><input type="checkbox"/> (_____)</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>Base coat:</td> <td><input type="checkbox"/> (_____)</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>Clear coat:</td> <td><input type="checkbox"/> (_____)</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> </tr> </table>					Spray Guns Used:	HVLP (type)	Conventional	Both		Primer:	<input type="checkbox"/> (_____)	<input type="checkbox"/>	<input type="checkbox"/>		Base coat:	<input type="checkbox"/> (_____)	<input type="checkbox"/>	<input type="checkbox"/>		Clear coat:	<input type="checkbox"/> (_____)	<input type="checkbox"/>	<input type="checkbox"/>	
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OK	Needs Work	N/A	Element	Implementation Notes																				
			Consistently use HVLP spray guns for all applications																					
			Use a larger diameter air hose to ensure proper air volume is delivered to the gun																					
			Use the right gun tip for the job																					
			Ensure that the shop compressor is capable of delivering sufficient air to the spray gun and other shop equipment																					
			Set up each gun to ensure proper pressure at the gun tip																					

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

Shop:
Visit Date:



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.

Best Practices Checklist HVLP Spray Guns (continued)

DEVELOP PROPER HVLP SPRAYING TECHNIQUES

- Further improves the transfer efficiency and reduces overspray
- Reduces coating usage and costs (see the Example of Cost Savings Using an HVLP Spray Gun provided in this kit)
- Reduces shop emissions and worker exposures

Painters observed demonstrated proper techniques Yes No Sometimes

Comments: _____

OK	Needs Work	N/A	Element	Implementation Notes
			Keep gun square to the target	
			Keep gun equidistant from the target throughout the stroke	
			Provide training	

Shop:

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