



Automotive Refinishing



Date	February 21, 2025	Orientation Time	7:30 a.m. (CLOSED to instructors)												
Location	Delaware Area Career Center 4565 Columbus Pike Delaware, OH 43035	Contest Time	Immediately following orientation (CLOSED contest)												
Scope of Contest	The competition includes a series of workstations, an interview process designed to assess skills in the following areas: spot repair, color tinting, featheredge, prime and block, paint id and masking. The overall appearance of the finished product, speed and proper safety practices will be judged.														
Testing	Yes														
Eligibility	2 contestants per building IRN (chapter)														
Clothing	Clothing Competition Guide: CLASS D														
Provided by Contestant	<p>Professional Resume – Typed Hardcopy Emergency Medical Forms (Contestants must have this to compete) Verification of Tool Training and Safety (See form on SkillsOhio Web site)</p> <p>Tools:</p> <p style="text-align: center;">Air fitting stem for HVLP guns: Female-DeVilbiss 4419-High Flow Air fitting male stem: Milton 777 Air fitting female stem: Milton 778</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Air hose, 25 feet</td> <td style="width: 50%;">Sanding blocks</td> </tr> <tr> <td>Appropriate sand paper and disks</td> <td>Clipboard</td> </tr> <tr> <td>2 Spray guns and regulators</td> <td>Wet-sand bucket</td> </tr> <tr> <td>Blow gun</td> <td>Paint Suit</td> </tr> <tr> <td>Safety glasses (sharpened)</td> <td>Two #2 pencils</td> </tr> <tr> <td>Calculator</td> <td></td> </tr> </table> <p style="text-align: center;"><i>The 3M PPS Cups System will be available for the competition. Contestants wishing to utilize the system <u>MUST BRING THEIR OWN ADAPTORS!</u> (PPG Envirobase base coat will be used and PPG DC2000 clear coat will be used). First generation adaptors only. Adaptor information may be found at www.3mcollision.com (Using the 3M System is optional)</i></p>			Air hose, 25 feet	Sanding blocks	Appropriate sand paper and disks	Clipboard	2 Spray guns and regulators	Wet-sand bucket	Blow gun	Paint Suit	Safety glasses (sharpened)	Two #2 pencils	Calculator	
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Contest Standards	Contest Skilled Performance Standards	Aligned ODEW Transportation Career Field Technical Content Standard Outcomes
	ART 1.0 - Prepare a panel surface for a basecoat blend & clearcoat application	Outcome 6.5 Surface Preparation

	<p>(full panel) in relationship to the Technical Data Sheet (TDS) supplied by the supporting paint manufacturer.</p> <p>ART 2.0 - Basecoat spot repair application in relationship to the Technical Data Sheet (TDS) supplied by the supporting paint manufacturer.</p> <p>ART 3.0 -Full panel clearcoat application in relationship to the Technical Data Sheet (TDS) supplied by the supporting paint manufacturer.</p> <p>ART 12.0 - Locate and document vehicle manufacturers' paint code application in relationship to tasks in the National Automotive Technicians Education Foundation (NATEF) Collision Repair and Refinishing Technical Standards for Painting and Refinishing (B2 ASE Test)</p> <p>ART 14.0 - Appropriate masking techniques for refinishing fender and blending into adjacent panel (front door) application in relationship to tasks in the National Automotive Technicians Education Foundation (NATEF) Collision Repair and Refinishing Technical Standards for Painting and Refinishing (B2 ASE Test)</p> <p>ART 19.0 — Demonstrate interview skills</p>	<p>Outcome 6.5 Surface Preparation</p> <p>Outcome 6.6 Paint Preparation and Application</p> <p>Outcome 6.6 Paint Preparation and Application</p> <p>Outcome 6.5 Surface Preparation</p> <p>Above Outcomes can be found in the following ODEW courses: 177011 Collision Non-Structural Inspection and Repair 177012 Collision Painting and Refinishing</p>
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