



Automotive Refinishing



Date	February 16, 2024 Snow Date – February 20, 2024	Orientation Time	10:45 a.m. (CLOSED to instructors)												
Location	Vantage Career Center 818 N. Franklin Street Van Wert, OH 45891	Contest Time	Immediately following orientation (CLOSED contest)												
Scope of Contest	The competition includes an interview process and a series of workstations, 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 school														
Clothing	Work Attire: Field specific work clothing required for the work environment or that matches the service conditions for the contest. This may include jeans if they are clean and professional looking and are accepted in the respective field (no holes or overly soiled pants). Work shoes or boots with a hard sole or anti-slip properties (steel toes may be required – refer to Provided by Contestant section below). Clothing should be as such that it will not get caught in moving equipment or power tools. School uniforms may be worn if they meet the above requirements with all identifiers covered.														
Provided by Contestant	<p>Resume – must be typed and physically produced as a hard copy Emergency Medical Forms (Contestants must have this to compete) Verification of Tool Training and Safety (See form on SkillsUSA Ohio 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 sandpaper 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</td> <td>Two #2 pencils (sharpened)</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 DC200 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 sandpaper and disks	Clipboard	2 Spray guns and regulators	Wet-sand bucket	Blow gun	Paint Suit	Safety glasses	Two #2 pencils (sharpened)	Calculator	
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<p>Contest Standards</p>	<p>Contest Skilled Performance Standards</p> <p>ART 1.0 - Prepare a panel surface for a basecoat blend & clearcoat application (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>Aligned ODEW Transportation Career Field Technical Content Standard Outcomes</p> <p>Outcome 6.5 Surface Preparation</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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