



Automotive Refinishing



revised 1/13

Date	Feb 9 th , 2024	Orientation Time	8:00 AM
Location	Schottmillers Auto Body 11478 Reading Rd Cincinnati OH 45241	Contest Time	Immediately following orientation
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 school		
Clothing	<ul style="list-style-type: none">• 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).• Leather work shoes or boots with a hard sole or anti-slip properties.• 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	<ul style="list-style-type: none">• Professional 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 SkillsOhio Web site)• Tools:• Air fitting A style fitting, and Prevost Hi-Flow 076251• Air hose, 25 feet• Nitrile Gloves• Paint Suit• Safety glasses w/side shields• Respirator• Tack cloths• Sanding blocks (w/ sand paper)• Dual action sander (w/ sand paper)• Appropriate sandpaper and disks• 2 Spray guns and regulators• PPS cups and adapters• Mixing cups• Scuff pads• Wet-sand bucket• Blow gun• Clipboard• Two #2 pencils (sharpened)• Calculator		

	<ul style="list-style-type: none"> • Instructors/Students are required to bring materials and PPE to complete repairs. • Skills USA will not supply sandpaper for the competition. • Panels will have Axalta products: Sealer, Solvent basecoat and Clearcoat. This will simulate a real-world repair scenario. • SkillsUSA will provide: <ul style="list-style-type: none"> • Fenders • Solvent surface cleaning materials • Identical solvent basecoat color • Clearcoat and activator • Masking paper and tape
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Contest Standards	Contest Skilled Performance Standards	Aligned ODEW Transportation Career Field Technical Content Standard Outcomes
	<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>Outcome 6.5 Surface Preparation</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>Outcome 6.5 Surface Preparation</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>Outcome 6.6 Paint Preparation and Application</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>Outcome 6.6 Paint Preparation and Application</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</p>	<p>Outcome 6.5 Surface Preparation</p>

	<p>Technical Standards for Painting and Refinishing (B2 ASE Test)</p> <p>ART 19.0 — Demonstrate interview skills</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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