

Automotive Refinishing Technology
MO SkillsUSA 2019
Tool List & Contest Specifications

Supplied by the contestant:

- ___ One page, typed resume
 - ___ Respirator
 - ___ Sanding block
 - ___ Paint gun and regulator (optional)
 - ___ Paint suit (optional)
 - ___ DA Sander (stick-it pad)
 - ___ Safety glasses or goggles
 - ___ Air fittings and necessary wrenches*
- *Milton 791 (male) and/or Milton 792 (female) [for air tools]

Contest specifications:

REFINISHING

- Sikkens Autbase Plus basecoat and Sikkens HS + 2 Pack clearcoat will be used. TDS for these products are available by calling or e-mailing Dana Klouzek at 573.897.5178 or dana.klouzek@statetechmo.edu.
- Panel refinish - properly prepare a 24" x 32" panel for spot repair and blending. Clear coat entire panel
- Base coat and clear coat will be premixed and loaded in SATA spray guns
- Contestants may bring their own spray guns.

COLOR TINTING

- Evaluate 2 refinished panels. Determine the toner/toners in formula necessary to bring the mismatched panel to the correct color of the standard panel.

PAINT MIXING

- Using provided PPG formula and scale, select correct toners and pour proper amounts for mixing.

MASKING

- Mask predetermined areas of vehicle (detailed instructions will be provided prior to contest).

FEATHEREDGE AND PRIMING

- Lesonal Urethane Surfacer will be used. TDS for these products are available by calling or e-mailing: Dana Klouzek at 573.897.5178 or dana.klouzek@statetechmo.edu.
- Properly prepare, featheredge, and primer a scratched pre-painted panel.
- Featheredging will be done with a DA sander.
- Primer will be premixed and loaded in a SATA spray gun.
- Contestants may bring their own spray gun.

Remember to prepare for the Professional Development Program (PDP) Knowledge test!

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INTERVIEW AND TYPED RESUME

- Clothing required for the Automotive Refinishing contest will be suitable for the interview

Pre-Contest Meeting and Contest:

Date: Friday, April 5

Time: 8:00 a.m. – Completion

Pre-Contest Meeting Location: Vehicle & Power Center - Room 128 - STC (7)

Doors open at 7:30 a.m. (contestants may drop off appropriate tools)

Remember to prepare for the Professional Development Program (PDP) Knowledge test!