

Automotive Refinishing Technology
MO SkillsUSA 2022
Tool List & Contest Specifications

Contest Coordinator: Christian Record
Phone: 573.897.5178
Email: christian.record@statetechmo.edu

Supplied by the contestant:

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

Contest specifications:

REFINISHING

- Lesonal basecoat and UTECH MS clearcoat will be used. TDS for these products are available by calling or e-mailing Christian Record at 573.897.5178 or christian.record@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 into supplied ANEST-IWATTA spray guns LS400 (clear) and LPH400 (basecoat)
- Contestants may bring their own spray guns if they wish.

PAINT VARIANT SELECTION

- Contestants will be required to properly choose the correct paint variant amongst a variant deck supplied and explain to the judge what they are looking for and specific reasons for choosing their selected variant.

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: christian.record@statetechmo.edu or 573.897.5178
- 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 an Anest Iwatta 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 8

Time: 8:00 a.m. – Completion

Pre-Contest Meeting Location: Vehicle & Power Center - Room 128 (ACT shop) – State Tech (7)

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

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