

**Automotive Refinishing Technology**  
**MO SkillsUSA 2023**  
**Tool List & Contest Specifications**

**Contest Coordinator:** Christian Record  
Email: [christian.record@statetechmo.edu](mailto: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]

\*Failure to bring required tools will be the fault of the contestant and will NOT be provided by contest coordinators.

**Contest specifications:**

**REFINISHING**

- Lesonal basecoat and UTECH MS clear coat will be used. TDS for these products are available day of contest or by looking up via online.
- Panel refinish - properly prepare a 24" x 24" 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 but will be responsible for cleaning on their own.

**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 day of contest).
- This is a timed event of 30 minutes from start to finish, contestants will be judged based on completion of event or not.

**FEATHEREDGE AND SPOT PRIME MASKING**

- Properly prepare and featheredge a scratched pre-painted panel.
- Once prepping is complete contestants will be responsible for masking the spot repair area.
- Note: NO primer will actually be sprayed, only preparation up to the point of spraying primer surfacer.

**Remember to prepare for the SkillsUSA Knowledge test and submit your resume online!**

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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, March 31

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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