



Automotive Refinishing Technology

2024 SkillsUSA Michigan State Championships Contest Description Task and Material List

CONTEST LOCATION:

Gerber Collision

RESUME:

Each student must submit a one-page printed resume before the contest start at the contest site (present to contest coordinator, not judges). The resume is no longer submitted online. This is the only time that resumes can be turned in. Failure to do so will result in a 10 point penalty.

Tasks that may be performed:

- Use of safety practices
- Proper use of tools
- Paint Code Identification
- Variance Formula
- Surface preparation
- Paint gun operation
- Primer gun operation
- Painting (Waterborne Base Coat/Clear Coat - PPG paint)
- Masking off 2 Panels
- ASE refinishing and non-structural test
- Scratch repair on plastic bumper
- Block primer to a paintable state.
- Written test (technical and SkillsUSA professional development)

Students Must Supply:

- 1 Page Resume
- #2 pencil /Calculator
- Safety glasses with side shields
- All types of abrasives for task to be performed
- Work uniforms and/or coveralls (**Work shirt required**)
- Leather or leather type work shoes (**NO ATHLETIC SHOES**)
- Air hose w/various fittings (Milton A-style)
- Charcoal respirator (NIOSH Approved)
- Air blow gun
- 1 rubber squeegee 4"
- Rubber gloves (latex)
- Palm sander

Important Notes:

- All consumables abrasives need to be supplied by the home school. Refinish coatings, masking materials, welding coupons, body and plastic filler products will be supplied for the contest.
- The plastic contest will be using 3M brand plastic repair material. This is to maintain alignment between the state and national event.
- Gerber Collision is using Lincoln Electric SP140 welders with .023 wire for the welding contest.
- I-CAR steel will be used for the welding contest.
- Gerber Collision uses high flow airflow fittings (H style) in the paint area DeVilbiss #240147 and Milton A style 777 in the non-paint portion of the Lab.
- Tram gauge should be supplied by the school. There will be one for use if the school does not have one.
- Please look at proper work attire on the Skills site for all participants. No visible identifiers or labels are allowed on clothing.

Revised 1/23/2024

SCORECARD Automotive Refinishing Technology

Contestant Number

Items Evaluated	Possible Points								
Spot Repair	280								
Tape off Fender/Quarter	280								
Plastic Prime	280								
ASE Test/Paint Id	160								
Résumé Penalty	0 or -10								
Total Possible Points	1000								

Date:

Judges' Signatures:
