

**2012 MICHIGAN SKILLS USA CHAMPIONSHIPS
TASK & MATERIAL LIST**

SKILL OR LEADERSHIP AREA: AUTOMOTIVE REFINISHING TECHNOLOGY

Tasks that may be performed:

- Use of safety practices
- Proper use of tools
- Paint Code Identification
- Variance Formula
- Surface preparation
- Spray gun operation
- Painting (Base Coat/Clear Coat)
- Masking off a Quarter Panel
- Estimating
- 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 preformed

Work uniforms and/or coveralls (**Long sleeve work shirt required**)

Leather or leather type work shoes (**NO ATHLETIC SHOES**)

Air hose w/various fittings (Milton #1809)

Charcoal respirator (NIOSH Approved)

Air blow gun

1 masking machine (6in and 18in green paper)

1 rubber squeegee 4"

1 spray guns

Containers to mix paint

Rubber gloves (latex)

Important Notes:

- All instructors will be responsible to bring a door prize for each student they have participating in the contest. These prizes will be randomly drawn at the end of the collision and refinishing contests.
- 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.
- Lansing Community College is using Lincoln Electric SP140 welders with .025" wire for the welding contest.
- I-CAR steel will be used for the welding contest.

- Lansing Community College uses high flow airflow fittings (H style) in the paint area DeVilbiss #240145 and Milton A style 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 1/4/12

SCORECARD Automotive Refinishing Technology

Contestant Number

Items Evaluated	Possible Points								
Spot Repair	300								
Tape off Fender/Quarter	230								
Paint Code Identification	200								
Refinishing Estimate	270								
Résumé Penalty	0 or -50								
Total Possible Points	1000								

Date: _____

Judges' Signatures:

_____	_____
_____	_____
_____	_____
_____	_____