

# Collision Repair Technology

**Purpose:** To evaluate each contestant's preparation for employment and to recognize outstanding students for excellence and professionalism in the field of collision repair technology.

**Clothing:** Acceptable work clothes; no school names may be displayed on any apparel.

**Contestants:** 3 per region, determined by regional event

## Bring Resume for Job Interview Station

**Unload Friday in back of new lab - do not bring tools through front of building.**

### Tools to be provided by contestants:

ONLY UNLOAD WELDING GEAR FOR FRIDAY. NO OTHER TOOLS WILL BE NEEDED.

Extra air hose, 25'	Calculator (battery operated only)
Dual action sander	Grinder
Sanding block	Metal finishing tools/File
Welding gloves	Airfile
Welding leathers	
Work shoes (no athletic shoes)	Pliers
Safety glasses	Hammers, flat and pick
Clipboard	Vise grips (at least 2 pair)
25' UL approved extension cord	2 #2 pencils (sharpened)
Steel tape	Rubber or nitrile gloves
(4-6) 4" plastic spreaders (for use in application of body filler & plastic repair)	
Charcoal paint respirator 3M or equivalent (Dual Cartridge) - Please bring proof of fit test (will <u>not</u> disqualify if not supplied)	
Air File/Board File Sandpaper - 80 grit and 180 grit - 10 sheets each	
D.A. Sandpaper - 80 grit, 180 grit, 320 grit - 10 sheets each	
<b><u>Arc welding helmet with at least #10 lens*</u></b>	
<b><u>Dual canister respirator or equivalent (fresh cartridges mandatory) for welding*</u></b>	
<b>Air fittings 1/4" NAPA male adapter #90-618, NAPA Female adapter #90-620</b>	

Go to [www.3m.com/automotive](http://www.3m.com/automotive)

- Scroll down to 3M Automix EZ fix Flexible patch video - 7 minutes
- Materials used will be 05887 EZ sand Flex Material
  - 08987 Plastic cleaner
  - 05907 Aerosol adhesion promoter
  - 05888 Flexible patch
  - Your choice of abrasives based on the video recommendations

### Scope of the Contest

Our Technical Committee is in the process of redefining this contest based on the National Technical Standards. You should be prepared to do anything identified in the Technical Standards. This will be a two-day contest. Part of this will be held at Eastland and the other part at the Fairgrounds.

Friday - Welding and softskills portions of contest

Saturday - Collision Repair skills

The contest will be judged based on the criteria established in the 2010 SkillsUSA Championships Technical Standards.