



Table of contents:

- 1. General Contest Information**
- 2. Skills and Knowledge to be Tested**
- 3. Judging Criteria**
- 4. Equipment and Materials**
- 5. Safety**

1. General Contest Information

1.1: Purpose of Contest

To provide competitors with the opportunity to demonstrate their skills and task knowledge in the Auto Collision industry through practical and theoretical applications, relevant to practiced skills that are found in industry, and employment opportunities.

1.2: Objective/Description of event

Students will have the opportunity to express their knowledge and skills of the necessary components of the auto collision industry, including sectioning a structural panel, beginning with measurements, sectioning, fabrication and finishing with body fill application and block sanding skills.

1.3: Technical Committee

Chair: Logan Williams: Williamsl@limestone.on.ca

Judge(s): Liam Alfred & TBA

1.4: Contest Schedule

Date and Location: Thursday, February 26, 2026 – Napanee District Secondary School

8:45-9:00am	Welcome, Competition Review, SDS assessment and safety review
9:00-10:30am	Structural sectioning project
10:30-10:45	Break
10:45-12:00	Continuing structural sectioning project
12:00-12:45	Lunch
12:45-1:15	Measurements Project
1:15-2:30	Metal finishing and body fill project

*Competitors must be on time for their contest or may be disqualified at the discretion of the Technical Committee.

Closing ceremony: Thursday, February 26th hosted at St. Lawrence College at 5:30pm – transportation provided from NDSS



2. Skills and Knowledge to be Tested

2.1: Specific Requirements

Competitors will be asked to demonstrate their knowledge of auto body repair procedures including :

Procedures to be Judged- 75%

- Reading and Translating manufacturer repair procedure plans
- Using appropriate tools and equipment to perform a sectioning repair and replacement
- Perform accurate welding procedures
- Proper use of a measuring system to provide an accurate measurement to match manufacturer specifications

Safe work practices to be judged- 25%

- Wearing appropriate Personal Protective Equipment throughout the competition
- Being spatially aware of their surroundings
- Identifying hazards and reading MSDS sheets for material being used

3. Judging Criteria

3.1: Rubric

Criteria	Possible scores
Safety Wearing PPE, being aware of their surroundings, Locating MSDS	20
Structural Section Removal and Prep Using appropriate tools to remove a 5” structural section, fabricating two inserts and preparing the section for installation.	20
Welding Welding structural section back on ensuring it is structurally sound with fabricated inserts using stitch welds and plug welds.	20
Metal Finishing Grinding previous welds, prepping sectioned area, mixing and applying body fill to the necessary area. Followed by block sanding to a flush finish.	15
Measuring Using a Tram bar to measure record and compare Engine Bay specifications to manufacturers specifications	25
Final Points	100



3.2: Tie Breakers

In the event of a tie, tie breaker will consist of the welding section.

4. Equipment and Materials

4.1: Supplied by Competitor

- CSA approved footwear
- Pants and long-sleeved clothes

4.2: Supplied by Competition

- Safety Glasses
- Respirators
- Dust Masks
- Gloves
- Welding Helmet
- Welding Jacket
- All Tools and Equipment Required

4.3: Prohibited

- No Phone use during competition times
- Long hair that is not tied back
- Jewelry i.e. rings, long earrings, necklaces, bracelets
- Loose or baggy clothing

5. Safety

5.1: PPE

- Safety Glasses
- Respirators
- Dust Masks
- Gloves
- Welding Helmet
- Welding Jacket
- CSA Approved footwear
- Pants and Long Sleeves



5.2: Behaviors

Safety and respect are a priority at the Limestone Skills Competition. Any competitor can be removed from the competition site if safety standards are not met. This includes any inappropriate behaviors that can be deemed as unsafe practices with tools and equipment, general shop safety and the failure to wear necessary PPE or disrespect towards other competitors, judges, chairs or others within the competition site.

5.3: Equipment Knowledge

- Drill Bits
- Vice Grips
- Spot weld cutter
- Belt grinder
- Hammer and dollies
- Air Saw/ Cut off wheel
- Air/ Electric Drill
- DA Sander
- Tram Bar Gauge
- Measuring Tape
- MIG Welder
- Sanding Blocks