

Friday, March 27, 2026		NSCC AKERLEY CAMPUS	
TIME		TASK	
7:30am		Orientation	
8:00am		Project starts	
12:00pm		Lunch break	
12:30pm		Project resumes	
3:30pm		Contest ends	
3:30pm-4:30pm		Judging	

1. Purpose of the Contest

To assess the contestant's ability in the field of sheet metal. Contestants must demonstrate their knowledge in reading project drawings, layout, and fabrication.

2. Number of Stations

There are four (4) stations available.

3. Skills & Knowledge to be Tested

Contestants will be asked to demonstrate some of the necessary skills and abilities needed to succeed in today's Sheet Metal trade.

These include but are not limited to the following:

- Shop fabrication of various sheet metal items, including cutting, forming, notching, and seaming
- operations with the ability to work within required tolerances and specific measurements in
- imperial units.
- Knowledge and application of common seams and edges used in the Sheet Metal trade.
- Proper use of hand tools and shop machinery; as needed to develop ornamental sheet metal items.

4. Prerequisites

Post-Secondary competitors must meet the following criteria in the current school year:

- Be enrolled in a community college, university, private school OR be a registered apprentice with the Department of Labour and Advanced Education (Apprenticeship Agency);
- Be registered as a competitor with Skills Canada – Nova Scotia;

Contest Description

Sheet Metal

Post-Secondary

- The competitor cannot be a certified journey-person;
- Possess Canadian citizenship or Permanent Resident (Landed Immigrant) status and be a resident of Nova Scotia; or be a registered International Student. Competitors are responsible for verifying this information if requested;
- Have been earning post-secondary credits in a sector relevant to the one in which they wish to compete (i.e. to compete in carpentry, the student would be earning credits in any construction-related trade) at any time during the academic school year (September to June);
- All competitors must be able to show either current apprenticeship status and/or proof of enrollment in a post-secondary institution upon request of the Provincial Technical Committee (PTC) or Skills Canada – Nova Scotia.
- Have completed and submitted a signed release form

5. Equipment & Clothing

What will be supplied:

- All project materials (metals & fasteners)
- Safety equipment (gloves, safety glasses)
- Cordless drill, brake, squaring shears, rotary forming machine, turret punch, slip-roll forming machine, rivet gun, bar folder, snips, and stakes.

What Competitors must supply:

- | | |
|---|----------------------|
| • Screwdrivers (Standard and Robertson) | • Flat file |
| • Aviation snips (left and right cutting) | • Markers |
| • Combination snips | • Half round file |
| • Dividers (2 sets) | • 12" rule |
| Contest Description | • Centre punch |
| 43-Sheet Metal Work | • Scratch awl |
| Post-Secondary | • Mallet |
| Page 5 of 8 | • Body hammer |
| • Marking gauge | • Tinner's hammer |
| • Tape measure | • Protractor |
| • Hand seamers (folding pliers) | • Adjustable wrench |
| • C-clamp vice grips (2 sets) | • Combination square |
| • Standard vice grips (2 sets) | • Calculator |

6. Evaluation & Judging Criteria

POINT BREAKDOWN	
Overall Appearance	/ 20
Accuracy and Dimensions	/ 20
Assembly and Fit-up	/ 20
Seams, Edges and Fasteners	/ 20
Cutting and Notches	/ 20
TOTAL	_____ / 100

No ties are permitted in case of a tie the following tiebreakers will be used:

Tiebreaker #1: Material Usage

Tiebreaker #2: Critical Dimensions

Tiebreaker #3: Time needed to complete the finished project

7. PTC Contact Information

Name	Employer	Email
Willie Debay	NSCC Akerley Campus	Willie.debay@nsc.ca
George MacDonald	Local 409 Union	Georgemacdonald29@gmail.com
Cory DeBay	Department of Transportation And Infrastructure Renewal	Cory.debay@novascotia.ca