

DATE	LOCATION
April 28, 2023	NSCC Akerley Campus

Schedule

TIME	TASK
7:30 am – 8:00 am	Orientation
8:00 am – 9:30 am	Competition
9:30 am – 9:45 am	Break
9:45 am – 11:30 am	Competition
11:30 am – 12:30 am	Lunch
12:30 pm – 2:00 pm	Competition
2:00 pm to 2:15 pm	Break
2:15 pm to 4 pm	Competition & Final Marking

Purpose of the Contest

To assess the contestant's ability in the field of metal fabrication. Contestants must demonstrate their knowledge in interpreting blueprints, forming, and fabricating components, use of oxyfuel burning equipment, installing components to a larger assembly, and preparing a job to be finished as per industry standard while working as a team of two.

Criteria

The project will be assessed based on the following criteria:

- Correct interpretation of provided blueprints
- Fabricated components are formed and installed within tolerance
- Oxyfuel cuts are clean and free of slag
- Sharp edges have been removed from all edges
- Are the welds visually appealing and free of visual defects

Number of Stations / Allocations

There will be three (3) stations: handrail assembly, stair pan forming, and stair stringer assembly

Skills & Knowledge to be Tested

Contestants will be tested on their ability to read and interpret blueprints, assembling formed components, utilize the tools of their trade, and produce work that meets industry standards in a safe manner.

Prerequisites

SCNS Prerequisites

- 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;
- The competitor cannot be a certified journey-person;
- Possess Canadian citizenship or Permanent Resident (Landed Immigrant) status and be a resident of Nova Scotia. Competitors are responsible for verifying this information if requested; **Note:** International students are eligible to compete in the Nova Scotia Skills Competition, however they are not eligible to advance to the Skills Canada National Competition. International competitors will be required to sign an additional release form acknowledging.
- 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.

Equipment & Clothing

- Measuring Tape
- 2ft Framing Square
- Square (Speed or Tee)
- Torpedo Level
- Stair Gauge
- 4lb Hammer
- Clamps (C, Vise Grip, or Bessy)
- Wire Brush
- Chipping Hammer
- Centre Punch
- Soap Stone
- CSA Approved Safety Boots
- Safety Glasses

- Welding Shield
- Leather/Welding gloves
- Leather Jacket (Optional)

Evaluation & Judging Criteria

POINT BREAKDOWN	/ 100
Blueprint Interpretation & Layout	20
Stair Pan Forming	15
Oxyfuel Cutting	10
Handrail Assembly	15
Fit & Finish	30
Working Safely	10
TOTAL	_____ / 100

No ties are permitted.

Additional Information

- All material will be inspected before the competition starts
- Industry professionals will complete drawings and judging
- Both contestants must contribute equally to the project

PTC Contact Information

Name	Employer	Email
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