

DATE	LOCATION
Thurs/Friday, April 2-3, 2020	NSCC IT Campus

1. Schedule

PLEASE NOTE: THIS IS A TWO-DAY COMPETITION, APRIL 2-3, 2020.

Thursday, April 2, 2020 – NSCC IT Campus (Annex Building, Millwright Shop - S119)

There will be one (1) two and a half (2.50) hour contest:

- Lathe project.

LATHE PROJECT SCHEDULE – Thursday, April 2, 2020

Time	Task
8:30 am – 9:15 am	Orientation
9:15 am – 9:30 am	Break
9:30 am – 12:00 am	Lathe Project - Group 1
12:00 pm – 1:00 pm	Lunch (provided)
1:00 pm – 3:30 pm	Lathe Project - Group 2
3:30 pm	Competition wrap-up, judging + event clean up

Friday, April 3, 2020 – NSCC IT Campus (Annex Building, Millwright Shop - S119)

There will be three (3) one (1.00) hour-long contests:

- Precision Laser Alignment;
- Welding and Fabrication;
- Stainless Tube Bending.

PRECISION LASER ALIGNMENT, WELDING AND FABRICATION & STAINLESS TUBE BENDING PROJECT SCHEDULE - Friday, April 2, 2020

Time	Task
8:30 am – 9:15 am	Orientation
9:15 am – 9:30 am	Break
9:30 am – 10:30 am	Contest # 1
10:30 am – 11:00 am	Break
11:00 am – 12:00 pm	Contest # 2

12:00 pm – 1:00 pm	Lunch (provided)
1:00 pm – 2:00 pm	Contest # 3
2:00 pm – 3:00 pm	Competition wrap-up
3:00 pm – 4:00 pm	Judging + event clean up
6:00 pm @ NSCC Akerley Campus*	Medal Presentation

***MEDALS WILL BE AWARDED AT THE NSCC AKERLEY CAMPUS ON FRIDAY, APRIL 3, 2019.**

2. Purpose of the Contest

To demonstrate knowledge of trade related skills such as but not limited to precision alignment, welding and fabricating, mechanical assembly of drive systems and components.

3. Criteria

Contestants must **not** be a red seal industrial mechanic / millwright or hold a red seal in a related trade. Contestants can be an apprentice or be enrolled in an Industrial mechanic pre-apprentice program.

4. Number of Stations / Allocations

There will be a maximum of six (6) spaces.

5. Skills & Knowledge to be Tested

- Blue print reading and schematics;
- Hand and power tool safe operation;
- Dexterity, safe operation of welding equipment;
- Knowledge of trade related procedures and measurement systems.

6. Prerequisites

Contest-Specific Prerequisites

- Be a registered industrial mechanic apprentice or a current student in a pre-apprenticeship program or related pre-apprenticeship program.

SCNS Prerequisites

- Enrolled in a community college, university or private school OR be registered as an apprentice with the Department of Labour and Advanced Education;
- Registered as a competitor with Skills Canada – Nova Scotia (SCNS);
- The competitor cannot be a certified journey-person;
- The competitor must possess a Canadian citizenship or landed immigrant status and be a resident of Nova Scotia. Competitors are responsible for verifying this information if requested;
- Have been earning post-secondary credits 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 SCNS.

7. Equipment & Clothing

a) What Will Be Supplied

- All equipment will be supplied.

b) What Competitors Must Supply

- Safety glasses;
- Safety boots (CSA);
- Appropriate work-wear.

8. Evaluation & Judging Criteria

Task	Points
Precision Laser Alignment	100
Welding and Fabrication	100
Tubing bending	100
Lathe project	100
TOTAL	400

9. Additional Information

10. PTC Contact Information

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