

DATE	LOCATION
Thursday, March 19, 2026	UA Local 56

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 – 12:00 pm	Competition
12:00 pm – 12:30 pm	Lunch (provided)
12:30 pm – 2:30 pm	Competition
2:30 pm – 2:45 pm	Break
2:45 pm – 4:00 pm	Competition
4:00 pm	Competition ends / judging

1. CONTEST INTRODUCTION

1.1 Purpose of the Challenge.

To assess the contestant's knowledge and skills in the fabrication, installation, setup, operation and troubleshooting of a fire sprinkler system and components with high regard to the aspects of quality of workmanship, proficiency of piping/system component installation and accuracy of work within a specified time frame.

1.2 Skills and Knowledge to be tested.

- Applying mathematical concepts involving planning, measuring, layout and installation of a piping system.
- Interpretation and application of blueprint specifications.
- Recognition of types of systems, setup and troubleshoot with use of manufacturer's data
- Assembling and fabricating a piping system
 - measure, cut, and fabricate steel pipe and fittings
 - use tools & equipment to join pipe, fittings and system components
 - applying safe work practices and strong positive work ethic

**SAFETY AWARENESS/REQUIREMENTS WILL BE MAINTAINED TO MINIMUM
INDUSTRY STANDARDS AT ALL TIMES!**

2. CONTEST DESCRIPTION

Tasks that may be performed during the contest:

- Interpreting and applying the blueprint specifications⁸
- Assembly of various pipe and fitting systems
- Carbon steel grooved pipe. Apply safe work practices All dimensions will be taken from the designated centerline or benchmarks unless directed otherwise
- Setup of the flow switch for pre-determined time to signal a flow
- Each Competitor will have (7 Hours) on the project to perform the above listed tasks.
- Tool inspection prior to event or the evening before competition
- There will not be any onsite pipe joinery technique instruction
- Proper insertion for all pipe joint is mandatory
- It is to be understood that throughout the competition, safety and project judging will be ongoing
- No personal tools allowed
- Dimensions may be modified before competition

3. EQUIPMENT, MATERIAL, CLOTHING

Required clothing (Provided by competitor)

- Coveralls / overalls allowed if sleeves used
- No jewellery
- Long hair must be tied back and concealed
- No cell phones or electronic devices allowed

4. SAFETY REQUIREMENTS

List of required personal protective equipment (PPE) provided by competitor

- CSA approved safety shoes

5. ASSESSMENT

Assessment breakdown is to be determined – by safety, tool usage, material handling, house keeping, fabrication, assembly etc.

6. Prerequisites

Completion of Level 1 Sprinkler Training minimum

- All 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;
 - 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

7. ADDITIONAL INFORMATION

6.1 Tie (No ties are allowed)

In the event of a tie, the competitor with the lowest number of deductions will be declared the winner.

6.2 Competition rules

Please refer to the competition rules of the Skills Canada- Nova Scotia Competition at skillsns.ca/competitions/nsskills

7. PROVINCIAL TECHNICAL COMMITTEE

Name	Employer	Email
Mike Parks (chair)	Life Safety Systems	mparks@lifesafetysystems.ca
Adam Townsend (co-chair)	UA Local 56	atownsend@local56.ca
Jamie Brightman	UA Local 56	jbrightman@local56.ca