

DATE	LOCATION
Thursday, March 14 2024	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

2.1 List of documents produced and timeline for when competitors have access to the documents.

DOCUMENT	DATE OF DISTRIBUTION VIA WEBSITE
Project	January 2024

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/Activation/Troubleshooting of Dry Pipe Valve:
- Reliable Model: DDX
- Each Competitor will have (7 Hours) on the valve 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 project specific aids, tools allowed
- Dimensions may be modified before competition

3. EQUIPMENT, MATERIAL, CLOTHING

3.1 Equipment and material provided by Skills Canada-NS

- To be determined – updated contest description will be available in January 2024.

3.2 Equipment and materials provided by the competitor

- No equipment or material will be provided by the competitor

3.3 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 – updated contest description will be available in January 2024.

6. Prerequisites

7. ADDITIONAL INFORMATION

6.1 Tie (No ties are allowed)

In the event of a tie, the competitor with the lowest amount 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

7. PROVINCIAL TECHNICAL COMMITTEE

Name	Employer	Email
Jamie Brightman	UA Local 56	jbrightman@local56.ca



Contest Description
Sprinkler Fitter
Post-Secondary

Mike Parks	Life Safety Systems	mparks@lifesafetysystems.ca
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