1. Schedule

March 24, 2027	NSCC Kingstec
TIME	**TASK**
7:30 am	Orientation
8:00 am	Competition
10:00 – 1015 am	Break
10:15 am – 12:00 pm	Competition
12:00 – 12:30 pm	Lunch
12:30 – 2:15 pm	Competition
2:15 – 2:30 pm	Break
2:30 – 4:00 pm	Competition
4:00 pm	Judging

2. Purpose of the Contest

To evaluate each competitor's knowledge and practical abilities in installing a complete plumbing system, with emphasis on high-quality work, proficient pipe-joining techniques, precise measurement and layout, and effective time management throughout the project.

3. Criteria

Participants will be evaluated on their ability to always work safely and responsibly. The competition provides an opportunity for competitors to demonstrate the quality of their work, commitment to personal and professional growth. Competitors are also expected to show professionalism by respecting the judging process and accepting final decisions with maturity and sportsmanship.

4. Number of Stations / Competitors

There will be 10 stations/competitors

5. Knowledge, Skills and Abilities to be Assessed

- Interpreting and applying the blueprint specifications, product specifications and shop drawing
- Complete a material list for assessment.
- Calculate lengths, measurements and fitting allowance and various piping offsets (metric)
- Apply safe work practices.
- Assemble piping project as represented in the drawing.
- Use various pipe and joining methods, including but not limited to the following types of pipes and fitting systems – ABS, PVC system 15, Cast-iron, pex (various fitting systems), Viega Propress and copper to name some
- Set a plumbing fixture
- Perform an air test.

6. 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;
    - The competitor cannot have received their journey-person certification prior to March 1 of the competition year.
    - 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 plumbing, 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. Required Equipment and Clothing

What Will Be Supplied

- All piping and fittings and necessary pipe joining tools
- Solder
- Paste
- Cleaning cloth
- Cleaning brushes
- PVC cement;
- Rubber / latex gloves for glue, if necessary;
- Screws
- Propane
- Propress tool

What Competitors Must Supply

- Safety glasses
- CSA Approved boots
- Gloves for soldering (leather or Kevlar)
- Coveralls or overalls
- Long Sleeve shirt (soldering)
- Measuring tape (metric and imperial)
- Pencil, calculator
- Torpedo level
- Hacksaw
- Copper tube cutters (#15's)
- Torch for soldering
- Flint Striker
- Pair of Channel locks
- 2- adjustable wrenches
- Pex cutters
- IPT hand book.
- Hammer
- Cordless Drill
- 5/16th nut driver
- Plastic pipe cutter for sizes 1 ½"-3" (Optional)
- Pipe Reamer (optional)
- Multi-tip screwdriver
- Basin Wrench

8. Evaluation and Judging Criteria

POINT BREAKDOWN	**/ 100**
Accuracy of installation	36
Quality of Work	45
Pressure Test	7
Safety	12
TOTAL	_____ **/ 100**

***No Ties are permitted.*

9. PTC Contact Information

Name	**Employer**	**Email**
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