



Eastern Ontario Secondary School Skills Challenge
@ St. Lawrence College Cornwall

Plumbing Competition Scope
(team of 2)

Time/Location: 8:30 a.m to 4:00 p.m.
TBA

Purpose of the Contest:

To assess the competitor's knowledge and skills in the installation of a plumbing system with high regard to the aspects of quality workmanship, proficiency of pipe joinery techniques and accuracy of work within a specified time frame.

Skills and knowledge to be tested:

- ability and skill at reading plans and specifications
- safe use of hand and power tools
- applying mathematical concepts
- quality of work performed to deadlines
- general attitude towards work
- communication skills
- housekeeping

Equipment and materials:

Competitors MUST supply and wear the appropriate clothing and protective gear, including a CSA hardhat, CSA approved safety boots, eyewear and ear protection.

Supplied by the organizers:

Pipe threaders, flaring tool, soldering torches, metal ruler, square, de-burring tool, adhesives, Teflon, threading paste, soldering paste and brazing materials etc..

Supplied by each team:

Pre-Requisites:

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- proficient in safe use of hand and power tools listed above
- able to read simple plans and schedule time
- general plumbing knowledge
- teams and teacher/advisors should come prepared to take their teams project back with them following the competition. – an open pickup truck or trailer is advised.

Job Interview:

To assist in competitors in fully preparing for their job searches and to become valued employees, each competitor will be given a 5 minute job interview worth 2.5% (5% total) of their teams total score. Competitors should arrive with a resume and be ready for interview questions and discussion. (students participating from French language school boards will be interviewed in their language)

Judging Criteria:

Total possible score of 100%

Worksite Safety	15%
Job Interview	5%
Accuracy of Installation	40%
Quality Workmanship	40%
Total	100%
Pressure Test Bonus	25%

Timetable:

7:00 to 8:00	Registration
8:00 to 8:15	All participants move to contest area
8:15 to 8:30	Orientation
8:30 to 4:00	Contest
4:00 to 4:30	Judging
4:30	Awards Presentation