

Contest Description

Edmonton Expo Centre, Edmonton

May 6 & 7, 2026

EVENT: Plumbing	LEVEL: Post-Secondary																								
WORLDSKILLS TRADE #: 15	LOCATION: Hall A, Edmonton EXPO Centre, Edmonton																								
DURATION: 12 Hrs. (Over 2 Days)																									
COMPETITION SCHEDULE: MAY 6: <table border="1"> <tr><td>ARRIVE BY</td><td>7:15AM</td></tr> <tr><td>ORIENTATION</td><td>7:30AM</td></tr> <tr><td>COMPETITION</td><td>8:00AM</td></tr> <tr><td>BREAK</td><td>10:00AM-10:15AM</td></tr> <tr><td>LUNCH</td><td>12:15PM-1:15PM</td></tr> <tr><td>COMPETITION</td><td>1:15PM-3:15PM</td></tr> </table> MAY 7: <table border="1"> <tr><td>ARRIVE BY</td><td>7:15AM</td></tr> <tr><td>ORIENTATION</td><td>7:30AM</td></tr> <tr><td>COMPETITION</td><td>8:00AM</td></tr> <tr><td>BREAK</td><td>10:00AM-10:15AM</td></tr> <tr><td>LUNCH</td><td>12:15PM-1:15PM</td></tr> <tr><td>COMPETITION</td><td>1:15PM-3:15PM</td></tr> </table>		ARRIVE BY	7:15AM	ORIENTATION	7:30AM	COMPETITION	8:00AM	BREAK	10:00AM-10:15AM	LUNCH	12:15PM-1:15PM	COMPETITION	1:15PM-3:15PM	ARRIVE BY	7:15AM	ORIENTATION	7:30AM	COMPETITION	8:00AM	BREAK	10:00AM-10:15AM	LUNCH	12:15PM-1:15PM	COMPETITION	1:15PM-3:15PM
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Please Note: This document is subject to change as competition information is updated. Competitors are responsible for staying up to date with the most recent information. Check the footer for last updated date. Changes will be highlighted in **yellow**.

CONTEST INTRODUCTION

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 joining techniques and accuracy of work within a specified time frame.

PROJECT DESCRIPTION

Please check the Skills Alberta website under the "Events" section for the Test Project related to the Plumbing Post-Secondary Competition. This resource will help competitors prepare leading up to the event. Please note that the attached Test Project may be subject to change on the day of the competition.

SKILLS AND KNOWLEDGE TO BE TESTED:

- Applying mathematical concepts involving 45° offsets in a piping system
- Interpreting and applying the blueprint specifications and managing material usage
- Assembling of various piping systems
- Assembly of pipe and fittings
 - Steel Threaded and Press Connect
 - Copper – Soft Soldering, compression, and Press Connect
 - Plastic – Solvent cement, compression, crimping and expansion
- Bending of copper tube using mechanical benders. (RIDGID – model 310/316m – cat. # 36962)
- Apply safe work practices

EQUIPMENT & MATERIALS

Approved Tool List to be Supplied by the Competitor:

CSA Approved Safety Glasses	IPT Handbooks	10" or 12" Hack Saw Frame with Spare Blades
CSA Approved Steel Toed Boots	Measuring Tape in Millimeters (25mm wide recommended)	9" Level
Work Gloves	Water Pump Pliers or Equivalent	Assorted Adjustable Wrenches (8" And 10" Recommended)
CSA Approved Hearing Protection	8" Locking Pliers or Equivalent	Side Cutters
Multi-Tip or Assorted Screwdrivers	Metal And Plastic Deburring Tools	Hammer
Pex Cutters	Tube Cutters For ½" To 2" Diameter Copper Tube	Chalk Line
Pipe Cutters For 1½" To 4" Diameter Plastic Pipe	Plumb Line	
Half Round File	Writing Utensils (Pens, Pencils, Markers)	
Pipe Wrenches (Up To 14")	Pocket Calculator (Casio Fx-260 Or Equivalent)	

Competitors use their own hand tools as per the approved tool list. Toolboxes will be inspected by the Provincial Technical Committee (PTC) members (please see approved tool list). All workstations will be supplied with any other required materials and committee tools. Please note: if you do not have or are missing any of the listed competitor tools you may receive a points deduction or be unable to complete the project.

Equipment and Materials Supplied by the Committee:

2' Square	Ridgid Pipe Benders Model 310/316mm – Cat. # 36962	Meter Stick/Straight Edge
Tripods	Soldering Torches (B Tank Turbo) Or Equal	Teflon Tape
Press Connect Tool	Soldering Materials	Drill Bits
24" Level	Small Combination Square	Pex Joining Tools
Pipe Cutters For 1/8" To 2" Diameter Steel Pipe	Cordless Drill/Driver	

***Tool demonstration will be provided if requested.**

Competition Specific Rules

The following Competition Specific rules along with SCA's overall Policies and Procedures provide specific details in competition areas that may vary from one another. Any additional contest rules will be reviewed during the Competitor Orientation.

Topic/Task	Contest Specific Rule
Use of Technology	Competitors are <u>not allowed</u> laptops, tablets, cameras, cell phones, ear buds, or other personal electronics in the competition area unless specified by the committee for certain tasks.
Use of Artificial Intelligence (AI)	Competitors <u>cannot</u> use AI to develop/generate any of the submitted work for any aspects of the competition.
Soldering	Competitors <u>must</u> wear long sleeve shirts while soldering.

JUDGING CRITERIA

- Accuracy of Installation Approximately 60%
- Quality of Workmanship Approximately 30%
- Piping Pressure Test Approximately 10%

Overall Total 100%

TIE BREAKING PROCESS

In the event of a tie, judges will find additional measurements to break the tie.



SAFETY

The health, safety, and welfare of all individuals involved with Skills Canada Alberta are of vital importance. Safety is a condition of participation with Skills Canada Alberta and shall not be sacrificed for the sake of expediency. At the discretion of the judges and technical committees, any competitor submission can be denied should the participant not have the required proper safety equipment and/or act in an unsafe manner that can cause harm to themselves or others.

CLOTHING REQUIREMENT

Appropriate work clothing must be worn to compete. All clothing must be neat and clean, and free of rips and tears. Casual wear such as shorts, and open toed shoes/sandals will not be permitted. No loose-fitting clothes or jewelry.

ADDITIONAL INFORMATION

Skills Canada Alberta Regional and Provincial Rules and Regulations

[Regional and Provincial Rules and Regulations](#)

Skillz & Thrillz Podcast

Check out our podcast – Skillz & Thrillz: Alberta’s Trade & Tech Youth Podcast. Our talented alumni share tips and tricks on how to succeed in competitions and your career! Their insights can help you prepare for your Skills journey, and who knows, you might just be a future guest! <https://skillsalberta.com/student-resources/skillz-thrillz-albertas-trade-tech-youth-podcast/>

Test Project Change at the Competition

Where a Test Project has been circulated to competitors in advance, the PTC can change the project up to a maximum of 30% of the work content for the competition.

Lunch

Lunch for competitors will be provided by Skills Canada Alberta.

Parking & Venue Maps

Parking is FREE for all attendees.

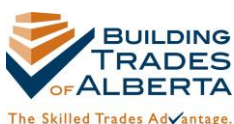
Attendees **MUST** register for FREE parking by clicking the below link. Attendees can pre-register their vehicle at anytime prior to the PSCC or register onsite at the PSCC.

<https://www.offstreet.io/events/CBLHM7U1>

<http://edmontonexpocentre.com/attend/parking/>

Opening Ceremonies / Competitor Onsite Registration

Opening Ceremonies for the PSCC will take place on Tuesday May 5, 2026, at 6:00 pm in Hall D of the Edmonton EXPO Centre. Admission is free, and everyone is welcome to attend. It is important to note that competitor registration will open immediately following the Opening Ceremonies.



BOSCH



2026 Provincial Skills Canada Competition

Awards Ceremony

The Awards Ceremony will take place on Thursday May 7, 2026, at 6:30 pm in Hall D of the Edmonton EXPO Centre. Admission is free and everyone is welcome to attend. The Awards Ceremony will be shown live at <http://skillsalberta.com/>

Team Alberta Information

Team Alberta will be selected at the PSCC Awards Ceremony. Gold medalists will then be eligible to participate at the Skills Canada National Competition (SCNC) on May 27- May 30, 2026, in Toronto, Ont. It is recommended that competitors review and become familiar with the SCNC contest description and project at <https://www.skillscompetencescanada.com/en/event/skills-canada-national-competition-2026/>

During the PSCC Awards Ceremony on Thursday May 7, 2026, Gold medalists will be given their Team Alberta information package and will confirm their participation in the SCNC. Students must be present at the Awards Ceremony to claim their position on Team Alberta. If the Gold medalist is not able to attend SCNC, the next highest-ranking individual will be asked to participate. If a student is not able to attend the Awards Ceremony an email confirming the student's interest in Team Alberta participation must be emailed to javierad@skillsalberta.com prior to the start of competition on May 6, 2026.

Please prepare your students in advance to accept a position on Team Alberta and review how your school will support their participation.

Please see this link for additional Team Alberta information: <https://skillsalberta.com/team-alberta/>

Questions?

Please contact Mike Sury MikeS@SkillsAlberta.com

COMMITTEE MEMBERS

Lee Hallett – Red Deer Polytechnic	Brett Dillman – No Leak Plumbing	Mark Nelligan – RIDGID
Kerrie Light – Rinnai Canada	Jeremy Bridge – Lethbridge Polytechnic	Roger Lebeuf – Mechanical Consulting
Emery Byrt - RIDGID	Keith Crowell – Crowell Mechanical Consulting	Nathan Gold - NAIT
Jon Harding – Boulder Mechanical	Nathalie Roseberry – Goldbar Contractors Inc.	Noah Harding – Boulder Mechanical
Patrick Ashley - SAIT	Steve Grendus – Red Deer Polytechnic	Graham Prokopetz – Botting