

## OFFICIAL PROGRAM STANDARDS NOTICE (OPSN)

Issued: August 7, 2025

<b>Program(s):</b>	<b>Plumber</b>
<b>To:</b>	SkilledTradesBC Training Providers Articulation Committee Chair System Liaison Person Youth Train in Trades School Districts
<b>Subject:</b>	<b>Plumber Program Outline Update</b>
<b>OPSN No.:</b>	<b>OPSN 2025 014</b>
<b>Effective Date:</b>	August 18, 2025
<b>Summary of Change:</b>	Please be advised that the new revised Program Outline has been posted to the <a href="#">SkilledTradesBC website</a> , for implementation beginning on <b>August 18, 2025</b> .
<b>Details:</b>	<p>The Plumber Program Review was conducted throughout 2023-24 to align BC's Plumber Program Outline to the revised sequencing and training topics of the 2023 Red Seal Occupational Standard (RSOS). Very few substantive changes were made to the content and sequencing of technical training (see Summary of Changes below).</p> <p>There are no changes to the trade name or work-based training hours. The number of technical training Levels remains 4.</p>
<b>Rationale:</b>	In 2022, BC endorsed the Canadian Council of Directors of Apprenticeship (CCDA) recommendations for the adoption of an updated Red Seal Occupational Standard (RSOS; 2023). During 2022-2024 BC conducted a review of the BC Plumber program with the engagement of industry and training providers.
<b>Attachments:</b>	Program changes summary (below)
<b>For more information contact:</b>	Program Standards Team: <a href="mailto:programstandards@skilledtradesbc.ca">programstandards@skilledtradesbc.ca</a>
<b>cc:</b>	All SkilledTradesBC Staff

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2019 Outline Level	2019 GAC & Competency	Change in 2023 Outline	Details of Change	Achievement Criteria (AC) Affected?	Rationale
1	<b>B5:</b> Use Soldering and Brazing Equipment	Merged with <b>B6</b>	<b>New B5:</b> Use Soldering, Brazing, and Oxy-fuel Equipment	Yes  AC from B5: Braze and Solder stays but the <b>AC from B6: Oxy Fuel is removed</b>	Oxy Fuel AC not required in Level 1 but some TPs will do it if they choose to
1	<b>B6:</b> Use Oxy-Fuel Cutting Equipment	See above	See above	See above	
1	<b>B7:</b> Use Welding Equipment	Now <b>B6</b> – see above	Name change	No	
2	<b>B8:</b> Use Technical Instruments and Testers	Now <b>B7</b> – see above	Name change	No	
1, 2, 3, 4	<b>C2:</b> Interpret Drawings and Specifications	Now <b>C4</b>	Name change and order in GAC C	Yes  AC from Level 2 C5 now in Level 2 C4	Sequence of learning
2	<b>C4:</b> Use Manufacturer and Supplier Documentation	Now <b>C2</b>	Name change and order in GAC C	No	
2	<b>C5:</b> Perform Piping System Layout	Merged into new <b>C4:</b> Interpret Drawings and Specifications  <b>C5 removed</b>	Name Change and merge	Yes  <b>C5 AC (DWV) now in C4</b>	
4	<b>E3:</b> Commission Fixtures and Appliances	Merged with <b>E4:</b> Commission and Service Fixtures and Appliances	Name change: Commission and Service Fixtures and Appliances	No	

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4	E4	See above	See above	No	
4	I3: Test Water Service Piping and Distribution Systems	Merged with I4 and I5	New name of I3: Test, commission, and service water service and distribution systems	No	
4	I4: Service Water Service and Distribution Systems	See above	See above	No	
4	I5: Commission Water Service and Distribution Systems	See above	See above	No	
4	K3: Test pressure systems	Merged with K4 and K5	New Name for K3: Test, commission, and service pressure systems	No	
4	K4: Service Pressure Systems	Merged with K3 and K5	See above	No	
4	K5: Commission Pressure Systems	See above	See above	No	
4	L6: Test hydronic systems, components and controls	Merged with L7 and L8	New name for L6: Test, commission, and service hydronic systems, components and controls	Yes. New Achievement Criteria: Commission a circulator, expansion tank, and manifolds for an in-floor hydronic system.	
4	L7: Commission hydronic systems, components and controls	Merged with L6 and L8	See above	No	
4	L8: Service hydronic systems, components and controls	Merged with L6 and L7	See above	No	

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4	<b>M2:</b> Test and Commission Water Treatment Equipment	Merged with <b>M3</b>	New name of M2 is Test, Commission and Service Water Treatment Equipment	No	
4	<b>M3:</b> Service Water Treatment Equipment	Merged with <b>M2</b>	See above	No	
3-4	<b>N3:</b> Test specialized systems	Merged with <b>N4</b> and <b>N5</b>	New name of N3 is Test, commission, and service specialized systems	No	
3-4	<b>N4:</b> Commission specialized systems	Merged with <b>N3</b> and <b>N5</b>	See above	No	
3-4	<b>N5:</b> Service specialized systems	Merged with <b>N3</b> and <b>N4</b>	See above	No	

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\*On April 21 and 24, 2023, the following proposal for a new Achievement Criteria was discussed and approved by the Piping Trades Articulation Committee:

### Level 4 L6 Test, Commission, and Service Hydronic Systems, Components and Controls Achievement Criteria

Performance	The learner will be able to commission a circulator, expansion tank, and manifolds for an in-floor hydronic system.
Conditions	To be assessed during technical training. The learner will be given: <ul style="list-style-type: none"> <li>• Drawings and specifications</li> <li>• Tools and materials</li> <li>• Piping Arrangement</li> </ul>
Criteria	The learner will be evaluated on: <ul style="list-style-type: none"> <li>• Safety</li> <li>• Accuracy</li> <li>• Function</li> </ul>

#### Current Practical Weighting (2019):

K Install Pressure Systems- 40%	L Install Hydronic Systems- 0%
M Install Water Treatment Systems- 10%	P Plan Gas-Fired Systems – 50%

#### Proposed Practical Weight Re-adjustment (2023):

K Install Pressure Systems- 25%	L Install Hydronic Systems- 25%
M Install Water Treatment Systems- 10%	P Plan Gas-Fired Systems – 40%