

PLUMBER INFORMATION SHEET 2023

Employers, journeypersons and instructors play a key role in the success of apprenticeship in Newfoundland and Labrador. By working collaboratively with government, stakeholders support the apprenticeship system in the development of a highly skilled workforce.

To receive a Red Seal endorsement, apprentices must pass the Red Seal examination. In 2022, Newfoundland and Labrador's Red Seal exam pass rate for the Plumber trade was 76 per cent. This is above the 2022 national average of 46 per cent. As supervising journeypersons and instructors, you are integral in helping train and prepare apprentices to write the Red Seal exam. Apprentices should be exposed to, have the ability to practice, and be able to explain how to complete all skills in the logbook; this will assist them in being successful in their Red Seal exam.

Given the broad scope of the trade, it can be difficult to know where to focus to prepare apprentices. To help inform your training plan with the apprentice, the Apprenticeship and Trades Certification Division (ATCD) has identified a list of five lower performing tasks demonstrated by Newfoundland and Labrador apprentices on the Red Seal exam for your trade*. We encourage you to review the list below with apprentices. Details on these tasks can be found in the national occupational standard for your trade – the Red Seal Occupational Standard (RSOS): [Red Seal Occupational Standard - Plumber](#)

Task/Sub-Task	Description	Number of Questions on RS Exam (out of 125)	RSOS Page Number
Task A-4	Performs routine trade activities.	4 questions	Pg. 37
A-4.01	Performs piping system layout.		
A-4.02	Calculates pipe, tube and tubing lengths.		
A-4.03	Calculates piping offsets.		
A-4.04	Installs piping supports.		
A-4.05	Installs sleeves.		
A-4.06	Commissions systems.		
A-4.07	Protects piping systems, equipment and structure from damage.		
A-4.08	Coordinates excavation and backfilling of trenches.		
A-4.09	Installs fire stopping devices and materials.		
Task D-12	Installs, tests and services potable water distribution systems.	11 questions	Pg. 96
D-12.01	Sizes piping and equipment for potable water distribution systems.		
D-12.02	Installs piping for potable water distribution systems.		
D-12.03	Installs potable water distribution equipment.		
D-12.04	Installs and uses cross-connection control devices and methods.		
D-12.05	Tests potable water distribution systems.		
D-12.06	Services potable water distribution systems.		

Task/Sub-Task	Description	Number of Questions on RS Exam (out of 125)	RSOS Page Number
Task E-15	Installs, tests and services water treatment equipment.	5 questions	Pg. 119
E-15.01	Sizes water treatment equipment.		
E-15.02	Installs water treatment equipment.		
E-15.03	Tests water treatment equipment.		
E-15.04	Services water treatment equipment.		
Task F-17	Installs, tests and services hydronic heating and cooling piping systems.	6 questions	Pg. 130
F-17.01	Sizes piping and components for hydronic systems.		
F-17.02	Installs piping and components for hydronic systems.		
F-17.03	Tests piping and components for hydronic systems.		
F-17.04	Services piping and components for hydronic systems.		
Task H-22	Installs, tests and services specialized systems.	5 questions	Pg. 162
H-22.01	Installs piping for specialized systems.		
H-22.02	Installs equipment and components for specialized systems.		
H-22.03	Tests specialized systems.		
H-22.04	Services specialized systems.		

**The information above represents the last three years where Red Seal exam data is available (May 2020 – June 2023).*

For additional resources to assist apprentices (e.g., Self-Assessment Guide, Red Seal Practice Questions, etc.), please visit the **Trade Profile** section on the ATCD website: www.gov.nl.ca/atcd/designated-trades/trade-profiles/

ATCD would like to thank you for your contribution towards apprenticeship training and investing in the future of skilled trades in Newfoundland and Labrador.