

PLUMBER

Interprovincial Journeyman Examination Information

Apprentice Requirements:	4 years and 7 200 hours
Tradesperson Requirements:	6 years and 10 800 hours
Practical Examination:	No

The interprovincial (IP) journeyman examination for this trade is developed by a national committee of worker and employer representatives. The content for IP Examinations is drawn from the Red Seal Occupational Standard (RSOS) for that trade, and is based on industry's standards and expectations. You can download and print a free copy of the RSOS from the Red Seal website by visiting www.red-seal.ca.

To write the interprovincial journeyman examination, you must complete the apprenticeship program in this trade, or hold a recognized provincial journeyman certificate. The pass mark is 70%.

Subject	Percent
Performs Common Occupational Skills: safety, use and maintain tools and equipment, organize work, perform routine trade activities	12%
Prepares and Assembles Pipe: prepare pipe, join tube, tubing, pipe and fittings	13%
Installs, Tests and Services Sewers, Sewage Treatment Systems and Drainage, Waste and Vent (DWV) Systems: installation of sewers, sewage treatment systems and rough in for interior drainage, waste and vent systems.	24%
Installs, Tests and Services Water Service and Distribution: installation of water services, potable water distribution systems and pressure systems	17%
Installs, Tests and Services Fixtures, Appliances, and Water Treatment Systems: installation of plumbing fixtures and appliances and water treatment systems. Maintenance and troubleshooting of plumbing-related systems and components	14%
Installs, Tests and Services Low Pressure Steam and Hydronic Heating and Cooling Systems: installation of low pressure steam systems, hydronic heating and cooling piping systems, generating systems and equipment, system controls and transfer units	14%
Installs, Tests and Services Specialized Systems: installation of piping and equipment for specialized systems and process piping systems	6%
	100%

Note: This examination is based on the 2015 National Plumbing Code. The National Plumbing Code book will **not** be supplied for this examination, in its place an Appendix A will be supplied with required National Plumbing Code information needed to answer the examination questions.

Note:

- Examinations are based on the 2015 National Plumbing Code
- Candidates writing the examination will not be provided a copy of the National Plumbing Code Book. The National Plumbing Code information has been provided in **Appendix A** of the examination. Appendix A contains all the required National Plumbing Code information needed to answer the examination questions.
- Within the **Appendix A** all tables required to answer the questions can be found. These tables are taken directly from the National Plumbing Code Book. (No code clauses are supplied only tables). Industry experts from the plumbing industry have verified that a 4th year plumber apprentice should have the knowledge to answer the code questions on the examination using only the tables provided and the knowledge they have obtained throughout their apprenticeship.
- A **Reference Material Booklet** will also be supplied with the examination. The Reference Material Booklet will include Acronyms, Formulas and Figures/Diagrams.
- The following can be found in the formula section of the Reference Material Booklet;
 - Mathematical formulas
 - Hydronic Thermal Formulas
 - Table of Conversion Factors – to convert from one form of measurement to another
- **It is highly recommended that when starting the examination, the candidate reviews the Reference Material Booklet and the Appendix A to become familiar with the material given to write the examination.**

Suggested trade resources when preparing for the examination.

To assist you, a list of reference textbooks is provided below. Note that ISBN numbers are subject to change. Please consult with your supplier to access their most current version of the text you are acquiring. It is not necessary to use these specific textbooks; you may find others which will be equally beneficial. You are encouraged to seek additional reference materials in all test areas.

- Canadian Plumbing Design and Installation White ISBN Code 9780826906496
- CSA/B214-16 Installation Code for Hydronic Heating Systems Code 20333683
- Fundamentals of Gas Utilization Dutton ISBN Code 9780919852358
- IPT / IPT Pipe Trades Training Manual IPT Publishing and Training Ltd Edmonton Alberta ISBN Code 9780920855201
- Modern Hydronic Heating Siegenthaler ISBN Code 978428335158
- 2015 National Plumbing Code of Canada National Research Council SC ISBN Code 20257354
- Saskatchewan Employment Act Occupational Health and Safety Regulations WHMIS Publications Saskatchewan Code 20282721

Saskatchewan Polytechnic Modules:

- Plumbing Level 1 Package
- Plumbing Level 2 Package
- Plumbing Level 3 Package

Individual Learning Modules (ILMs) for the Plumber trade may be ordered through the Saskatchewan Polytechnic Bookstore Call Centre: 1-866-569-8398 or through www.tradesecrets.org/ under Plumber.

Modules for the Plumber trade developed by the Industry Training Authority of British Columbia are also available at: https://www.crownpub.bc.ca/Product/Listing/13503_BC-Trades?WT.ac=hpsl_BCtrades under Plumber.

*Unless otherwise noted, books listed here are available through the Saskatchewan Polytechnic Bookstore Call Centre: 1-866-569-8398.

NOTE: Textbooks are not usually available from libraries. When texts are being purchased, candidates should allow several weeks for delivery and several weeks for studying.

Red Seal Examination preparation resources:

To assist in the understanding of the development of all Interprovincial Red Seal examinations, Employment and Social Development Canada (ESDC) has developed the following information.

- A short video explaining the role of an occupational standard in the development of a Red Seal examination can be accessed on the Red Seal website at the following link: <http://www.red-seal.ca/resources/wh.1t.3sn.4.1-eng.html>
- The Getting Ready for the Examination document can be accessed through the Red Seal website at the following link: <http://www.red-seal.ca/docms/getready-eng.pdf>
- Red Seal examination sample questions can be accessed on the Red Seal Website at the following link: <http://www.red-seal.ca/resources/s.1mpl.2.q.5.2st.3.4ns-eng.html>

Use of cell phones, electronic imaging/recording or communication equipment is **not** permitted. You will be required to leave immediately if any of these items are found on your person.

Please note that examinations and study information change frequently. The most recent information is available on our web site at www.saskapprenticeship.ca