

Insulator (Heat and Frost)

Interprovincial Journeyman Examination Information

Apprentice Requirements:	4 years and 7200 hours
Tradesperson Requirements:	6 years and 10800 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 Analysis (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 either successfully complete an apprenticeship training program or meet tradesperson eligibility requirements. The pass mark is 70%.

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 test 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
- A trade specific skills assessment tool is available on the Red Seal website at the following link: <https://www.red-seal.ca/docms/insulator/self-assessment.pdf>

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 website at www.saskapprenticeship.ca

Insulator (Heat and Frost) - Red Seal Examination Breakdown

An Interprovincial Red Seal examination is based on the Red Seal Occupational Standard (RSOS) for the trade. The RSOS describes the skills and knowledge required to perform the duties of the trade. Each standard is divided into Blocks (NOA) or Major Work Activities (MWA) (RSOS), which are divided into Tasks, which are divided into Sub-tasks.

The Red Seal examination has a certain number of questions assigned to these sections. The number of questions are provided below. For more information, see the full Red Seal Occupational Standard for this [trade](#).

Total number of questions on the Interprovincial Red Seal examination - 130 questions*

Subject	Percent	Number of Questions
MWA A: Performs routine occupational skills	12%	
Task A-1: Performs safety-related functions		2
Task A-2: Uses and maintains tools and equipment		3
Task A-3: Organizes work		3
Task A-4: Uses communication and mentoring techniques		2
Task A-5: Performs routine trade practices		6
MWA B: Performs industrial applications	31%	
Task B-6: Prepares for installation of insulation in industrial application		8
Task B-7: Insulates piping and fittings		17
Task B-8: Insulates tanks, vessels and equipment		15
MWA C: Performs commercial applications	30%	
Task C-9: Prepares for installation of insulation in commercial applications		5
Task C-10: Insulates plumbing and mechanical piping systems		14
Task C-11: Insulates mechanical ducting		11
Task C-12: Insulates mechanical equipment		9
MWA D: Performs applications common to industrial and commercial systems	12%	
Task D-13: Installs fire stop systems		5
Task D-14: Insulates for soundproofing		2
Task D-15: Installs removable covers		6
Task D-16: Installs underground insulating systems		2

MWA E: Performs specialized applications	9%	
Task E-17: Sprays sealers, coatings and spray-on insulation		3
Task E-18: Installs fireproofing		2
Task E-19: Installs insulation for refractory systems		3
Task E-20: Installs insulation for cryogenic systems		4
Task E-21: Insulates for marine applications (Not Common Core)		0
MWA F: Performs asbestos, lead and mould abatement	6%	
Task F-22: Prepares for asbestos abatement		3
Task F-23: Performs asbestos removal procedures		3
Task F-24: Performs maintenance and repair		1
Task F-25: Performs lead abatement and mould remediation		1
Total	100%	130

**The number of questions on an interprovincial examination, assigned to assess each major work activity of the RSOS, as derived from the collective input from workers within the trade across Canada.*

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 textbook 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.

- Insulator Level 1 Package: CP5036R3
- Insulator Level 2 Package: CP5037R2
- Insulator Level 3 Package: CP5038R2

*All three packages can be ordered from the NAIT Bookstore ph. 1-780-491-3104

- Occupational Health and Safety Act, ph. 1-800-226-7302.

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.

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This information is subject to change without notice.