Powerline Technician
Interprovincial Journeyperson Examination Information

Apprentice Requirements:	4 years and 7200 hours
Tradesperson Requirements:	6 years and 10800 hours, mandatory upgrading
Practical Examination:	Yes

The interprovincial (IP) journeyperson 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 journeyperson 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 explanation of 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 Red Seal Exam Preparation Guide can be accessed through the Red Seal website at the following link: https://red-seal.ca/eng/resources/exam-prep-guide.shtml
- 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/eng/trades/194_powerline_technician/.2x.1m_cs.shtml

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.

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Saskatchewan Apprenticeship and Trade Certification Commission

Powerline Technician – 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 Major Work Activities (MWA), 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 – 125 questions*

Subject	Percent	Number of Questions
MWA A: Performs Common Occupational Skills	26%	
Task A-1: Performs safety related functions		8
Task A-2: Uses and maintains tools and equipment		6
Task A-3: Organizes work		5
Task A-4: Accesses work area		4
Task A-5: Uses live-line methods		7
Task A-6: Uses communication and mentoring techniques		2
MWA B: Installs Structures	13%	
Task B-7: Installs pole structures		13
Task B-8: Installs steel lattice structures		3
MWA C: Installs Conductor Systems	15%	
Task C-9: Installs overhead conductors and cables		13
Task C-10: Installs underground and underwater cable		6
MWA D: Installs Auxiliary Equipment	21%	
Task D-11: Installs lighting systems		3
Task D-12: Installs voltage control equipment		9
Task D-13: Installs protection equipment		8

Task D-14: Installs metering equipment		4
Task D-15: Installs communication equipment		2
MWA E: Performs Operation, Maintenance and Repair	25%	
Task E-16: Operates distribution and transmission systems		8
Task E-17: Maintains distribution and transmission systems		9
Task E-18: Repairs distribution systems		9
Task E-19: Repairs transmission systems		6
Total	100%	125

**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 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.

- Delmar's Standard Textbook of Electricity 7th Edition by Stephen L. Herman, Delmar Publishers ISBN 9781337900348
- The Lineman's & Cableman's Handbook 14th Edition by J. Mack & T.M. Shoemaker, McGraw-Hill Publishers ISBN 9781264268184

*These books may be purchased by candidate. Contact Southeast College Training Centre in Weyburn, SK. 1-866-999-7372.

Those studying for their Interprovincial examination may wish to refer to other Level booklists for additional study materials.

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.