



# Sheet Metal Worker

## Interprovincial Journeyperson Examination Information

<b>Apprentice Requirements:</b>	4 years and 7200 hours
<b>Tradesperson Requirements:</b>	6 years and 10800 hours
<b>Practical Examination:</b>	No

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 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](http://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 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](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/sheetmetalwork/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](http://www.saskapprenticeship.ca)

# Sheet Metal Worker – 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 - 120 questions\***

Subject	Percent	Number of Questions
<b>MWA A: Performs common occupational skills</b>	20%	
<b>Task A-1:</b> Performs safety-related functions		5
<b>Task A-2:</b> Uses and maintains tools and equipment		9
<b>Task A-3:</b> Organizes work		7
<b>Task A-4:</b> Uses communication and mentoring techniques		3
<b>MWA B: Performs site preparation</b>	31%	
<b>Task B-5:</b> Performs pattern development		13
<b>Task B-6:</b> Fabricates sheet metal components for air and material handling systems		16
<b>Task B-7:</b> Fabricates flashing, roofing, sheeting and cladding		3
<b>Task B-8:</b> Fabricates specialty products		6
<b>MWA C: Installs air and material handling systems</b>	35%	
<b>Task C-9:</b> Prepares installation site		7
<b>Task C-10:</b> Installs and connects chimneys, breeching and venting to exhaust appliances and mechanical equipment		6
<b>Task C-11:</b> Installs air handling system components		16
<b>Task C-12:</b> Installs material handling system components		5
<b>Task C-13:</b> Applies thermal insulation, lagging, cladding and flashing		3
<b>Task C-14:</b> Performs leak testing, air balancing and commissioning		4
<b>MWA D: Installs roofing and specialty products</b>	8%	
<b>Task D-15:</b> Installs metal roofing and cladding/siding systems		3
<b>Task D-16:</b> Installs exterior components		2

<b>Task D-17:</b> Installs specialty products		5
<b>MWA E: Performs maintenance and repair</b>	6%	
<b>Task E-18:</b> Performs scheduled maintenance		3
<b>Task E-19:</b> Repairs faulty systems and components		4
<b>Total</b>	100%	120

*\*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.

- Sheet Metal by Leo A. Meyer Canadian Edition ISBN 9780826919106
- IPT's Crane and Rigging Handbook IPT Publishing and Training Ltd ISBN 978920855034
- Mathematics for Sheet Metal Fabrication Nelson Canada ISBN 9780827302959
- Sheet Metal Blueprint Reading for the Building Trades by Zinngrabe Delmar Thomson ISBN 9780827313521
- HRAI/Residential Mechanical Ventilation Manual SKU# 20209513
- HRAI/Residential Heat Loss and Heat Gain Manual SKU# 20236526
- HRAI/Residential Air Systems Design Manual SKU# 20209476

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

\*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.

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This information is subject to change without notice.

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[saskapprenticeship.ca](http://saskapprenticeship.ca)