

# Metal Fabricator (Fitter)

## Interprovincial Journeyperson Examination Information

<b>Apprentice Requirements:</b>	3 years and 5400 hours
<b>Tradesperson Requirements:</b>	4.5 years and 8100 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 National Occupational Analysis (NOA) for that trade and is based on industry's standards and expectations. You can download and print a free copy of the NOA from the Red Seal website by visiting <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 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 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)

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).

## Metal Fabricator (Fitter) – Red Seal Examination Breakdown

An Interprovincial Red Seal examination is based on the National Occupational Analysis (NOA) for the trade. The NOA 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
<b>BLOCK A: Common Occupational Skills</b>	24%	
<b>Task A-1:</b> Performs safety related functions		5
<b>Task A-2:</b> Maintains tools and equipment		5
<b>Task A-3:</b> Organizes work		8
<b>Task A-4:</b> Performs quality assurance throughout fabrication and assembly process		6
<b>Task A-5:</b> Handles materials		7
<b>BLOCK B: Fabrication of Components</b>	44%	
<b>Task B-6:</b> Performs layout		26
<b>Task B-7:</b> Cuts materials		17
<b>Task B-8:</b> Forms materials		14
<b>BLOCK C: Assembly of Components</b>	32%	
<b>Task C-9:</b> Fits and fastens sub components and components		22
<b>Task C-10:</b> Performs welding activities		13
<b>Task C-11:</b> Completes project		7
<b>Total</b>	100%	130

*\*The number of questions on an interprovincial examination, assigned to assess each major work activity of the NOA, 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.

- IPT's Metal Trades and Welding Training Manual Garby and Ashton IPT Publishing ISBN 9780920855195
- Modern Welding by Althouse and Bowditch pub Goodheart-Willcox ISBN 9781605257952
- Welding Level 1 Trainee Guide NCCER ISBN 9780136099673
- Modern Metal Working 10th Edition and workbook ISBN 9781631263415
- Handbook for Riggers Klinke ISBN 9781888724189
- Russel Metals Reference Book SKU# 20097004
- Handbook of Steel Construction pub Canadian Institute of Steel Construction ISBN 9780888110725
- Occupational Health and Safety Regulations Publications Saskatchewan SKU# 20204846
- IPT's Guide to Blueprint Interpretation Jacobs IPT Publishing ISBN 9780920855423
- Blueprint Reading for Welders Bennett ISBN 9781133605782
- Practical Problems in Mathematics for Welders Chasan ISBN 9781111313593

Modules for the Metal Fabricator (Fitter) 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](https://www.crownpub.bc.ca/Product/Listing/13503_BC-Trades?WT.ac=hpsl_BCtrades) under Welder Fitter.

\*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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