

# Metal Fabricator (Fitter)

## Level 1 Examination Information

The **Metal Fabricator (FITTER)** trade level examinations are developed by the Apprenticeship and Trade Certification Commission in co-operation with a committee of worker and employer representatives selected from industry. The pass mark is 70%. Apprentices may challenge this exam only once. Examination content is based on the expectations and standards for Saskatchewan apprentices as follows:

Subject	Percent
Layout, Fitting and Fabrication	15%
Mathematics	11%
Oxy-fuel and Plasma Arc Cutting	10%
Print Reading and Drafting	11%
Rigging and Electric Overhead Crane Operation	18%
SMAW and GMAW Welding and Tacking	12%
Safety and Access Structures	6%
Tools and Equipment	17%
<b>Total (130 questions)</b>	<b>100%</b>

## 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.

- Blueprint Reading for Welders (Delmar) ISBN 9781428335288
- Handbook for Riggers by Klinke ISBN 9781888724189  
Handbook of Steel Construction pub Canadian Institute of Steel Construction 2010  
ISBN 9780888110725
- IPT's Crane and Rigging Manual ISBN 9780920855034
- IPT's Guide to Blueprint Interpretation Jacobs IPT Publishing ISBN 9780920855423
- IPT's Metal Trades and Welding Training Manual Garby and Ashton  
ISBN 9780920855461
- Math 190 Steel Fabricator SKU# 20085216
- Modern Metal Working 10th Edition and Workbook ISBN 9781631263415
- Modern Welding Althouse and Bowditch pub Goodheart-Willcox ISBN 9781605257952
- Occupational Health and Safety Regulations
- Russel Metals Reference Book
- Sheet Metal Leo A Meyer ISBN 9780826919076

\*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.

### VISIT OUR WEB SITE!

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

Absolutely no cell phones, communication devices or PDAs are allowed in the examination facility. You will be required to leave immediately if any of these items are found on your person.

**Important information regarding calculators** – please note that due to increasing security issues, candidates are no longer permitted to bring their own calculators to the exam facility. Instead, we will be supplying each candidate with a calculator. Please refer to the “Forms” section of our web page for further information.

Please note that examinations and study information change frequently. The most recent information is available on our web site at [www.saskapprenticeship.ca](http://www.saskapprenticeship.ca)

FORM #44114 090623

This information is subject to change without notice.

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