

WELDER

Level One Examination Information

The **Welder** 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
Trade Safety	14%
Oxyfuel Processes	10%
Shielded Metal Arc Welding (SMAW)	14%
Wire Feed Processes	21%
Metallurgy and Material Designation	10%
Print Reading	10%
Industrial Mathematics	10%
Thermal Cutting	11%
	100%



Study all areas of the trade in 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 by Bennett 9781133605782
- Cutting Processes WELD / WELD 104 SKU # 20019556
- Fabrication Equipment EQPT 103 SKU# 20006122
- Fundamental Communication Skills COMM 127 SKU # 20011161
- Gas Metal Arc Welding WELD/WELD 105 SKU # 20019679
- IPT's Metal Trades and Welding Handbook by Garby and Ashton ISBN 9780920855195
- Modern Welding by Althouse ISBN 9781605257952
- Modern Welding Lab Man/Workbook by Althouse ISBN 9781605257976
- Oxy-Acetylene WELD/WELD 103 SKU # 20019518
- Shielded Metal Arc Welding 1 WELD / WELD 107 SKU # 20019709
- Shielded Metal Arc Welding 2 WELD/ WELD 108 SKU # 20019730
- Welding Mathematics Weld/Math 125 SKU 20178048
- Welding Metallurgy and Heat treatment of Metals SKU # 20006051
- Welding Safety WELD / SFTY 103 SKU # 20019402

Individual Learning Modules (ILMs) for the Welder trade may be ordered through the Saskatchewan Polytechnic Bookstore Call Center: 1-866-569-8398 or through www.tradesecrets.org/ under Welder.

*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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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