

SEMIAUTOMATIC WELDING PRODUCTION OPERATOR Proficiency Examination Information

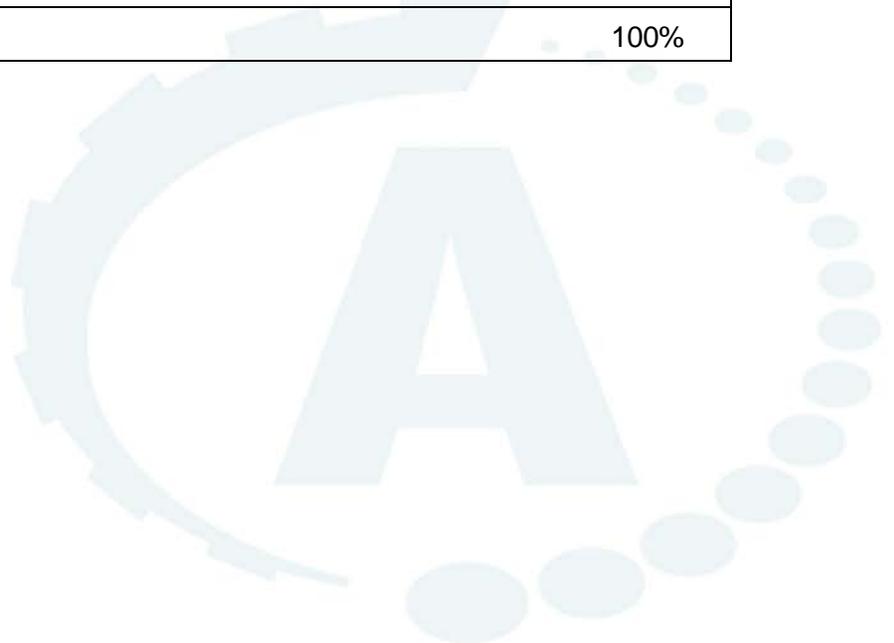
Note: you require the following prerequisites before you may apply for this examination:

Apprentice Requirements:	2 years and 3600 hours
Tradesperson Requirements:	3 years and 5400 hours
Practical Examination:	Yes

There is a written examination and a practical examination. You must pass the written examination before you may apply for the practical.

The **Semiautomatic Welding Production Operator** trade 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 for all examinations is 70%. Examination content is based on the expectations and standards for Saskatchewan tradespeople as follows:

Subject	Percent
Occupational Skills: blueprints and drawings; lay out, preparation and fabrication of materials; equipment maintenance; basic rigging	21%
Quality Control: performing inspections to ensure conformity to specifications	9%
Cutting Processes: mechanical and power cutting tools; oxy-fuel cutting process; plasma arc cutting process	13%
Gouging Process: air carbon arc gouging	7%
Welding Processes: gas metal arc welding (GMAW); flux cored arc welding (FCAW)	50%
	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.

Gas Metal Arc Welding Handbook by William H. Minnick, pub. Goodheart-Wilcox.
ISBN 1-566-37-204-6.

Modern Welding by Althouse, Turnquist, Bowditch. ISBN 1-5663-7605-X.

Journeyman Preparation Welding Manual, Saskatchewan Polytechnic Saskatoon Campus.

Welding Print Reading by Walker, General Publishing. ISBN 1-5663-7267-4.

Occupational Health and Safety Act and The Occupational Health and Safety Regulations, Queen's Printer, ph. 1-800-226-7302.

IPT's Metal Trades Handbook, IPT Publishing and Training Ltd.

Practical Problems in Math for Welders. pub. Nelson Canada. ISBN 0-8273-6706-6.

*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

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