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Trade Resources
ITA Exam Preparation:

ITA Resources page: [http://www.itabc.ca/exams/prepare-your-exams](http://www.itabc.ca/exams/prepare-your-exams)

Preparing to write the Red Seal


If you are taking an Interprovincial (Red Seal) examination, the Red Seal website offers a number of excellent resources to help you prepare. These resources include:

a. **National Occupation Analysis (NOA):** This document describes the skills and knowledge required to perform the duties of the trade. Each NOA consists of blocks; each block is divided into tasks and each task is divided into sub-tasks. Red Seal examination questions are specifically based on the NOA sub-tasks. [http://www.red-seal.ca/resources/n.4.1-eng.html](http://www.red-seal.ca/resources/n.4.1-eng.html)

b. **Interprovincial Red Seal Examination Preparation Information Guide:** This document describes how to use the NOA to prepare for your examination. From the NOA structure to study plans, it gives you a detailed approach to examination preparation. ([http://www.red-seal.ca/images/ATC-index-eng.html](http://www.red-seal.ca/images/ATC-index-eng.html))

c. **Examination Counselling Sheet:** The examination counselling sheet provides you with a breakdown or weighting of the percentage of questions for each topic area on the examination. Most Red Seal examinations have between 100 and 150 questions.

d. **Sample Question Library:** Sample questions on the Red Seal website show you the structure and phrasing of the types of questions you will be asked on the examination.

To find the Red Seal support material for your trade:

1. Go to: [www.red-seal.ca](http://www.red-seal.ca)
2. Click: Red Seal Examinations
3. Select: your trade name

**Exam Preparation Tips**

**Exam Anxiety**
[http://www.anxietybc.com/sites/default/files/Test_Anxiety_Booklet.pdf](http://www.anxietybc.com/sites/default/files/Test_Anxiety_Booklet.pdf)

**Learning Strategies Checklist**

**Accommodation:**
ITA offers a variety of accommodations including translators, extended time, and readers to assist with understanding exam questions. Here is the link to further information and application: [http://www.itabc.ca/exams/accommodations-esl-disability-options](http://www.itabc.ca/exams/accommodations-esl-disability-options)
**Essential Skills:**

*ITA testing on site:*
http://www.itabc.ca/discover-apprenticeship-programs/ita-essential-skills

**Construction trades Essential skills – various formats & focuses:**
http://www.constructionessentialskills.ca/en/resources

**BCIT - Self Evaluation for Apprenticeship in the Mechanical Trades**
Itabc.ca/sites/default/files/docs/manage/Exams/Apprenticeship%20BC%20-%20Self%20Evaluation%20Exam%20for%20Mechanical%20Trades.pdf

**Refresher Courses:**
ATTI Ace Trades and Technical Institute: http://www.atticanada.com/red-seal/
Scroll down to the bottom of the page and click on Schedule of upcoming Red Seal and Apprenticeship Challenge Exam Refresher Courses with Ace to access the list of upcoming courses.

**Trades Math Workbook:**

**Upgrading Information Page:**
http://www.itabc.ca/exam-and-study-supports

**Exam Scheduling:**
Link to schedule an exam rewrite date:

2018 Exam schedule:

**Service BC Offices:**
If you can’t write your exam at one of these sessions, we can arrange for you to write your exam at one of the 60 Service BC offices around the province.

**All Trades: Practice Exams:**
http://www.examapps.com/
https://www.iptbooks.com/
http://trades.exambank.com/

**Queens Printer:**
Crown Publication BC: https://www.crownpub.bc.ca
Go to BC Trades + choose trade for more info

Trade Resources
Exams that require codebooks

http://www.itabc.ca/sites/default/files/docs/Trades-Training/Assessment%20Department%20Update%20to%20Training%20Providers_August2016.pdf

Red Seal.ca Resources

Red Seal Website:
www.red-seal.ca
You will find useful information that might help you prepare for your exam, including some sample questions:
http://www.red-seal.ca/s.1mpl.2.2x.1mQ.5.2st.3.4ns-eng.html?tid=202

NOA by trade - A to Z:
http://www.red-seal.ca/resources/n.4.1_1.3st-eng.html

IP guides:
http://www.red-seal.ca/resources/.3pg-eng.html

BC Trade Publications – fee for purchase
https://www.crownpub.bc.ca/Product/Listing/13503_BC-Trades?WT.ac=hpsl_BCtrades

Government of Canada

(Lots of publications can enter key word such as ‘essential skills’)
http://www12.esdc.gc.ca/sgpe-pmps/h.4m.2-eng.jsp

WorksafeBC


All Trades: Practice Exam Questions - fee for service

Inter-Provincial Red Seal Exam
http://www.examapps.com/

IPT’s Training Manuals
https://www.iptbooks.com/

Trade and Apprenticeship ExamBank
http://trades.exambank.com/

Red Seal Interprovincial Exam Preparation Courses

Red Seal Trades – Weblinks

Agricultural Equipment Technician
Appliance Service Technician
Automotive Painter

Trade Resources
<table>
<thead>
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<th>Automotive Service Technician</th>
<th>Landscape Horticulturist</th>
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<td>Lather (Interior Systems Mechanic)</td>
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<td>Bricklayer</td>
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<td>Cabinetmaker</td>
<td>Machinist</td>
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<td>Carpenter</td>
<td>Metal Fabricator (Fitter)</td>
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<td>Concrete Finisher</td>
<td>Mobile Crane Operator</td>
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<td>Construction Craft Worker</td>
<td>Mobile Crane Operator (Hydraulic)</td>
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<td>Construction Electrician</td>
<td>Motor Vehicle Body Repairer (Metal and Paint)</td>
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<td>Cook</td>
<td>Motorcycle Mechanic</td>
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<td>Drywall Finisher and Plasterer</td>
<td>Oil Heat System Technician</td>
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<td>Electric Motor System Technician</td>
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<td>Floorcovering Installer</td>
<td>Painter and Decorator</td>
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<td>Partsperson</td>
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<td>Plumber</td>
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<td>Powerline Technician</td>
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<td>Gasfitter — Class A</td>
<td>Recreation Vehicle Service Technician</td>
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<td>Gasfitter — Class B</td>
<td>Refrigeration and Air Conditioning Mechanic</td>
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<td>Glazier</td>
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<td>Roofer</td>
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<td>Hairstylist</td>
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<td>Heavy Duty Equipment Technician</td>
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<td>Heavy Equipment Operator (Dozer)</td>
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<td>Heavy Equipment Operator (Excavator)</td>
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<tr>
<td>Heavy Equipment Operator (Tractor-Loader-Backhoe)</td>
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<td>Industrial Electrician</td>
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<td>Industrial Mechanic (Millwright)</td>
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<td>Instrumentation and Control Technician</td>
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<td>Insulator (Heat and Frost)</td>
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<td>Ironworker (Generalist)</td>
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<td>Ironworker (Reinforcing)</td>
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<td>Tool and Die Maker</td>
<td>Tilesetter</td>
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<td>Tower Crane Operator</td>
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<td>Transport Trailer Technician</td>
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<tr>
<td>Truck and Transport Mechanic</td>
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<tr>
<td>Welder</td>
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</table>
Appliance Service Technician

ITA Appliance Service Tech Homepage:
http://www.itabc.ca/program/appliance-service-technician

ITA Program Outline:
http://www.itabc.ca/sites/default/files/program-information/Appliance%20Service%20Technician%20Outline%20Jan%202013_0.pdf

NOA Red Seal website:
http://www.red-seal.ca/trades/1ppl.3.1nc.2_t.2ch-eng.html

Automotive Glass Technician

Program Outline: ITA Website:

Exam Weighting Chart:

For Challengers

After September 1, 2017, if you are not an apprentice taking an ITA-recognized program and are planning to apply to challenge and receive certification, you must complete and pass a practical assessment before your application can be accepted by ITA. Please contact the Automotive Retailers Association (ARA) for information about the practical assessment.

Reference Materials

Required Reference Materials
- National Auto Glass Specifications (NAGS) - calculator and catalogue, including Advanced Driver Assistance Systems (ADAS)

Suggested Texts

Resource materials
- Industry Conference on Auto Collision Repair (I-CAR) training modules (https://www.i-car.com):
  TRM02 Removing and Installing Hardware and Interior Trim
  DAM01 Vehicle Identification, Estimation Systems, and Terminology
  GLA01 Movable Glass
  GLA02 Stationary Glass
  WNW01 Wind Noise and Water Leaks

Trade Resources
Automotive Service Technician

ITA program outline:  
http://www.itabc.ca/sites/default/files/program-information/ast-1-4-sept-2015_0.pdf

ITA AST Homepage:  
http://www.itabc.ca/program/automotive-service-technician-ast-1-2-3-and-4

AST Refresher Resources:

- LineA-Workplace Safety.docx
- LineB-Employability Skills.docx
- LineC-Tools and Equipment.docx
- LineD-General Automotive Maintenance
- LineE-General Automotive Practices.
- LineF-Basic Electrical Systems.docx
- LineG-Brake Systems.docx
- LineH-Steering Systems.docx
- LineI-Suspension Systems.docx
- CofQ-Practice Test Answer key.docx

Red Seal website: National Occupational Analysis  

How to use the NOA as a study guide:  
http://www.red-seal.ca/resources/g.2tr.2.1dy-eng.html

Exam Counselling sheet:  
http://www.red-seal.ca/trades/23_automotive_service_technician/.2x.1m_cs-eng.html

Sample questions: Red Seal  
http://www.red-seal.ca/s.1mpl.2.2x.1mQ.5.2st.3.4ns-eng.html?tid=23

Interprovincial Program Guide: Red Seal website  

Practice exam: Tradesecrets website  

Answer Key: Tradesecrets  

List of Automotive Resources for Exam Prep / A great list of available support providers:  
http://www.aa1car.com/library/training_resources.htm

Free resource w/questions and assignments:  
http://www.autoshop101.com/

Measuring Tools and all things machining:  
http://www.jjjtrain.com/vms/library.html

Online Training Program through VCC: email Rob Kunka: r.kunka@vcc.ca dept head of AST at VCC  
http://www.vcc.ca/programscourses/program-areas/transportation-trades/automotive-service-technician-apprentice/

WorksafeBC  

Purchase access to CDX Global for one year through Okanagan College bookstore:  
CDX Access Code 152.25

Red Seal  
http://www.red-seal.ca/trades/autoservtech/2011n.4.1_.4v.2rv.3.2w-eng.html
**Auto Refinishing**

ITA Auto Refinishing home page includes the program outline which provides you with a full inventory for the trade, as well, here you’ll find the Exam table and guidelines to you prepare to write:

http://www.itabc.ca/program/automotive-painter-automotive-refinishing-technician

ITA Program Outline: this is the curriculum based on the NOA (Below)

http://www.itabc.ca/sites/default/files/program-information/Automotive-Refinishing-Paint-Program-Outline-Dec-09.pdf

Interprovincial Exam Table: ITA website – a detailed view of the exam


National Occupational Analysis (NOA): Red Seal Website pay particular attention to the sub tasks and the key competencies

http://www.red-seal.ca/trades/auto_paint/2014n.4.1_4v.2rv.3.2w-eng.html

How to use the NOA as a study guide: Red Seal website

http://www.red-seal.ca/resources/.2x.1ms_st.5dy-eng.html

20 Practice questions: Red Seal website

http://www.red-seal.ca/s.1mpl.2.2x.1mQ.5.2st.3.4ns-eng.html?tid=21

Interprovincial (IP) Exam Table:


**Baker**

ITA Baker Homepage:

http://www.itabc.ca/program/baker

ITA Program Outline:


NOA Red Seal website:

http://www.red-seal.ca/trades/b.1k.2r-eng.html

Interprovincial (IP) Exam Table:


**Boilermaker**

ITA Boilermaker homepage:

http://www.itabc.ca/program/boilermaker-construction-boilermaker

ITA Program outline:


ITA practice exam:


NOA Red Seal website:


Practice questions:

http://www.red-seal.ca/s.1mpl.2.2x.1mQ.5.2st.3.4ns-eng.html?tid=35

Exam Counseling Sheet:

http://www.red-seal.ca/trades/35_boilermaker/2x.1m_cs-eng.html

Boilermaker glossary of terms:

https://tradesecrets.alberta.ca/SOURCES/PDFS/glossaries/038_glossary.pdf

Trade Resources
List of text books from Tradesecrets website:
https://tradesecrets.alberta.ca/SOURCES/PDFS/textbooks/038_textbooks.pdf

Study Guide (Newfoundland):

Exam apps:
http://www.examapps.com/#!boilermaker/crg2

Exam Preparation Guide:
http://www.red-seal.ca/images/Assist_to_Can_Final.pdf

**Bricklayer**

ITA Bricklayer Homepage:
http://www.itabc.ca/program/bricklayer-mason

ITA Program Outline:
http://www.itabc.ca/sites/default/files/program-information/Bricklayer-Mason-Outline-Feb-2016.pdf

NOA Red Seal website:
http://www.red-seal.ca/trades/br.3ckl.1y.2r@-eng.jsp

Trades Training BC:
http://www.tradestrainingbc.ca/Trades/Construction-Trades/Bricklayer-Mason#

Red Seal – Exam Counselling Sheet:
http://www.red-seal.ca/tr.1d.2ecsl.3st@-eng.jsp?tid=36

Tradesecrets Alberta:
http://tradesecrets.alberta.ca/trades-occupations/profiles/001/resources/
http://tradesecrets.alberta.ca/trades-occupations/profiles/001/exams/
http://tradesecrets.alberta.ca/trades-occupations/profiles/001/

Technical Notes on Brick Construction / The Brick Industry:
http://www.gobrick.com/Technical-Notes

Masonry Detailing Series / team International Masonry Institute
http://imiweb.org/masonry-detailing-series/

Structural Details / Masonry Institute of BC
http://www.masonrybc.org/wall_details/structural-details-index.htm

Masonry Technical Manual / Masonry Institute of BC:
http://www.masonrybc.org/masonry-technical-manual

Metric Technical Manual / CCMPA:
http://ccmpa.ca/download/metric-technical-manual/

**Cabinetmaker (Joinery)**

ITA Cabinet Maker Homepage:
http://www.itabc.ca/program/cabinet-maker-joiner

ITA Program Outline:

NOA Red Seal website:
http://www.red-seal.ca/trades/c.1b.3n.2tm.1k.2r-eng.html

Interprovincial (IP) Exam Table:
Trade Resources

**Carpenter**

ITA Carpentry home page
Includes the program outline which provides you with a full inventory for the trade, as well, here you’ll find the Exam table and guidelines to you prepare to write:

http://www.itabc.ca/program/carpenter

More from the ITA website (exams section):

http://integratedcarpentrytutorials.com/

ITA exam accommodations include extra time and readers:

http://www.itabc.ca/exams/accommodations-esl-disability-options

Red Seal NOA – be sure to review sub text and key competencies:

http://www.red-seal.ca/trades/c.1rp.2nt.2r-eng.html

Exam counselling sheet:

http://www.red-seal.ca/trades/38_carpenter/.2x.1m_cs-eng.html

Sample questions from Red Seal website:

http://www.red-seal.ca/s.1mpl.2.2x.1mQ.5.2st.3.4ns-eng.html?tid=38

This is from the Alberta apprentice site – there is a link to a practice IP exam with an answer key:

https://tradesecrets.alberta.ca/trades-occupations/profiles/002/resources/

This is the school in Surrey. It is a fee for service and is not an accredited ITA school:

http://www.atticanada.com/

WorkSafeBC


**Concrete Finisher**

ITA Concrete Finisher Homepage:

http://www.itabc.ca/program/concrete-finisher-cement-mason

ITA Program Outline: this is the curriculum and is based on the NOA


Exam Weighing Chart: ITA Website – a brief look at the exam


National Occupational Analysis (NOA): Red Seal Website

http://www.red-seal.ca/trades/concretefinisher/2006n.4.1_4v.2rv.3.2w-eng.html

20 Practice Questions: Red Seal Website

http://www.red-seal.ca/s.1mpl.2.2x.1mQ.5.2st.3.4ns-eng.html?tid=49

Exam weighing chart: Red Seal Website

http://www.red-seal.ca/trades/49_concrete_finisher/.2x.1m_cs-eng.html

How to use the NOA as a study guide: Red Seal Website
http://www.red-seal.ca/resources/_2x.1ms_st.5dy-eng.html

Study Guide: Newfoundland

NOA Red Seal website:
http://www.red-seal.ca/trades/c.4ncr.2t.2_f.3n.3sh-eng.html

Interprovincial (IP) Exam Table:

Technical Notes on Brick Construction / The Brick Industry:
http://www.gobrick.com/Technical-Notes

Masonry Detailing Series / team International Masonry Institute
http://imiweb.org/masonry-detailing-series/

Structural Details / Masonry Institute of BC
http://www.masonrybc.org/wall_details/structural-details-index.htm

Metric Technical Manual / CCMPA:
http://ccmmpa.ca/download/metric-technical-manual/

**Construction Craft Worker**

ITA CCW Homepage:
http://www.itabc.ca/program/construction-craft-worker-labourer

IT Program Outline:

NOA Red Seal website:
http://www.red-seal.ca/trades/c.4nst_cr.1ft_w.4rk-eng.html

Interprovincial (IP) Exam Table:

**Cooks**

Totara Resource Library Overview:

![](Totara Resource Library Overview (3)(Cook resources).pdf.htm)

**Work Safe BC**

**Red Seal Correlation to Professional Cooking 9th Edition**

**PC1**
ITA PC 1 Homepage:
http://www.itabc.ca/program/professional-cook-1
ITA PC1 Program Outline:

Go2HR PC1:
https://www.go2hr.ca/training/professional-cook-1-pc1

PC2
ITA PC2 Homepage:
http://www.itabc.ca/program/professional-cook-2
ITA PC2 Program Outline
http://www.itabc.ca/sites/default/files/program-information/pc2-program-outline-nov-2013.pdf

Go2HR PC2:
https://www.go2hr.ca/training/professional-cook-2-pc2

PC3
ITA PC3 Homepage:
http://www.itabc.ca/program/cook-professional-cook-3

ITA PC3 Program Outline:

Go2HR PC3:
https://www.go2hr.ca/training/professional-cook-3-pc3

Red Seal NOA:
http://www.red-seal.ca/trades/c.4.4k-eng.html

Exam Counselling Sheet:
http://www.red-seal.ca/trades/54_cook/2x.1m_cs-eng.html

Sample Questions:
http://www.red-seal.ca/s.1mpl.2.2x.1mQ.5.2st.3.4ns-eng.html?tid=54

Cook – IP Table:

E-prentice for Professional Cook 1 & Professional Cook 2
http://camosun.ca/learn/programs/professional-cook/what-youll-learn/

Electric Motor Systems Technician (Winder Electrician)

ITA Homepage:
http://www.itabc.ca/program/electric-motor-systems-technician-winder-electrician

ITA Program Outline (Alberta Apprenticeship and Industry Training):
http://tradesecrets.alberta.ca/trades-occupations/profiles/030/

NOA Red Seal website:
http://www.red-seal.ca/trades/.2l.2ctr.3c_t.2ch-eng.html

Interprovincial (IP) Exam Table:
**Electrical, Construction**

ITA Homepage:  
[http://www.itabc.ca/program/electrician-construction](http://www.itabc.ca/program/electrician-construction)

ITA Program Outline:  

Link from the ITA site – exams / refresher:  

Red Seal Website – NOA:  
[http://www.red-seal.ca/trades/c.4nst_.2l.2ctr.3c-eng.html](http://www.red-seal.ca/trades/c.4nst_.2l.2ctr.3c-eng.html)

Red Seal Exam Counselling Sheet:  
[http://www.red-seal.ca/trades/51_construction_electrician/.2x.1m_cs-eng.html](http://www.red-seal.ca/trades/51_construction_electrician/.2x.1m_cs-eng.html)

Red Seal Sample Question test:  
[http://www.red-seal.ca/s.1mpl.2.2x.1mQ.5.2st.3.4ns-eng.html?tid=51](http://www.red-seal.ca/s.1mpl.2.2x.1mQ.5.2st.3.4ns-eng.html?tid=51)

Trade secrets resources including practice IP exam:  
[https://tradesecrets.alberta.ca/trades-occupations/profiles/003/resources/](https://tradesecrets.alberta.ca/trades-occupations/profiles/003/resources/)

Electrical Refresher Course:  
[http://electricalexam.ca/](http://electricalexam.ca/)

2015 Canadian Electrical Practice Exams:  

**Electrician, Industrial**

ITA IE Homepage:  
[http://www.itabc.ca/program/electrician-industrial](http://www.itabc.ca/program/electrician-industrial)

ITA Program Outline:  
[http://www.itabc.ca/sites/default/files/program-information/industrial-electrician-outline-march-2016_0.pdf](http://www.itabc.ca/sites/default/files/program-information/industrial-electrician-outline-march-2016_0.pdf)

Industrial Electrician:  
[http://www.red-seal.ca/trades/.3nd.5str.3.1l_.2l.2ctr.3c-eng.html](http://www.red-seal.ca/trades/.3nd.5str.3.1l_.2l.2ctr.3c-eng.html)

How to use the NOA as a study guide:  
[http://www.red-seal.ca/resources/.2x.1ms_st.5dy-eng.html](http://www.red-seal.ca/resources/.2x.1ms_st.5dy-eng.html)

NOA for Industrial Electrician:  
[http://www.red-seal.ca/trades/industrialelectric/2011n.4.1_.4v.2rv.3.2w-eng.html](http://www.red-seal.ca/trades/industrialelectric/2011n.4.1_.4v.2rv.3.2w-eng.html)

Sample questions:  
[http://www.red-seal.ca/s.1mpl.2.2x.1mQ.5.2st.3.4ns-eng.html?tid=123](http://www.red-seal.ca/s.1mpl.2.2x.1mQ.5.2st.3.4ns-eng.html?tid=123)

Trade Interprovincial Program Guide:  
[http://www.red-seal.ca/trades/123_industrial_electrician/.3pg_.3nd.2x-eng.html](http://www.red-seal.ca/trades/123_industrial_electrician/.3pg_.3nd.2x-eng.html)

Online course available at TRU:  

Worksafebc.ca:  

Red Seal Interprovincial Exam Challenge Preparation Courses

Trade Resources
Industrial Electrician “Red-Seal” Exam Preparation Course  
(XELC 0790) $895  Online Delivery – Continuous Intake  
Electrical Refresher Course  http://electricalexam.ca/  

**Floor Covering Installer**  
ITA Floor Covering Installer Homepage:  
 http://www.itabc.ca/sites/default/files/program-information/industrial-electrician-outline-march-2016_0.pdf  
ITA Program Outline:  
 http://www.itabc.ca/sites/default/files/program-information/industrial-electrician-outline-march-2016_0.pdf  
NOA Red Seal website:  
 http://www.red-seal.ca/trades/fl.4rc.4v.2r.3ng-eng.html  
Interprovincial (IP) Exam Table:  
 http://www.itabc.ca/sites/default/files/program-information/Floorocvering%20Installer%202012.pdf  

**Glazier**  
ITA Glazier Homepage:  
 http://www.itabc.ca/program/glazier  
ITA Program outline:  
 http://www.itabc.ca/sites/default/files/program-information/Glazier%20PO%20May%2009%20RB.pdf  
ITA practice exam:  
ITA Glazier IP – Tasks and related number of questions:  
Red Seal Glazier Home:  
 http://www.red-seal.ca/trades/gl.1z.3.2r-eng.html  
NOC 7292:  
IP Red Seal Exam Preparation Course:  
 http://www.fes-bc.org/courses/view/546  
Red Seal sample questions:  
 http://www.red-seal.ca/s.1mpl.2Ex.1mQ.5.2st.3.4ns@-eng.jsp?tid=93  
The Fenestration Education Society of BC (FES-BC):  
 http://www.fes-bc.org/index.php  

**Hairstylist**  
ITA Hairstylist Homepage:  
 http://www.itabc.ca/program/hairstylist  
ITA Program Outline:  
Exam breakdown by block percentage:
http://www.red-seal.ca/trades/98_hairstylist/.2x.1m_cs-eng.html (high level)

Exam breakdown by # of q’s per task:
http://www.itabc.ca/sites/default/files/program-information/Hairstylist-2011_1.pdf (very detailed)

Newfoundland’s Study Guide:
Generic study tips (including links to videos) from Nova Scotia:
http://nsapprenticeship.ca/apprentices/examinations/prepare-your-exam

Video: Getting Ready for the RS Exam:
http://nsapprenticeship.ca/apprentices/examinations/prepare-your-exam/getting_ready_for_exam (by Nova Scotia)

Sample questions:
http://www.red-seal.ca/s.1mpl.2.2x.1mQ.5.2st.3.4ns-eng.html?tid=98

Video: Using the NOA to prepare for exam:
http://nsapprenticeship.ca/apprentices/examinations/prepare-your-exam/using_the_noa (by Nova Scotia)

NOA:
http://www.red-seal.ca/docms/hairstylist_noa2011_eng.pdf (refer to this in conjunction with #2 document to narrow down what you need to study. Hit “ctrl + f” on your keyboard to quickly get to the sections you need to by searching for specific keywords/task names).

• Appendix A Tools and Equipment: http://www.red-seal.ca/docms/hairstylist_noa2011_eng.pdf pages 59 – 61 (please disregard the aesthetics related equipment – it’s not actually in the NOA anymore; likely not updated recently)
  ○ Appendix B: Glossary– page 62 on the above document
  ○ Appendix C: Acronyms– page 64 on the above document

Hairdressing Vocabulary Cards for IP - To assist Apprentices / Challengers

**Heavy Duty Equipment Technician (Mechanic)**

ITA HDET Homepage:
http://www.itabc.ca/program/heavy-duty-equipment-technician

ITA Program Outline:
http://www.itabc.ca/sites/default/files/program-information/Heavy%20Duty%20Equipment%20Mechanic%20Program%20Outline%20Jan%202021%20%20RB.pdf

Red Seal HDET:
http://www.red-seal.ca/trades/hd.2t-eng.html

Exam Counselling Sheet:
http://www.red-seal.ca/trades/101_heavy_duty_equipment_technician/.2x.1m_cs-eng.html

Get Ready for your Red Seal Exam
http://www.red-seal.ca/resources/g.2tr.2.1dy-eng.html

Sample Examination Questions:
http://www.red-seal.ca/s.1mpl.2.2x.1mQ.5.2st.3.4ns-eng.html?tid=101

HDET NOA:
http://www.red-seal.ca/trades/heavydutyequiptech/2014n.4.1_.4v.2rv.3.2w-eng.html

Trade Resources
HDET Blocks & Task – BC to NOA
Itabc.ca/sites/default/files/docs/manage/Exams/HDET%20Blocks%20%26%20Task%20Comparison%20Chart%20-%20BC%20to%20NOA.pdf

**Heavy Equipment Operator Technician**
Recommended Reference Textbooks and other Resource Material

**Horticulturist, Landscape**
ITA Horticulturist, Landscape Homepage:
http://www.itabc.ca/program/horticulturist-landscape
ITA Program Outline:
ITA Exam table:
ITA exam accommodations include extra time and readers:
http://www.itabc.ca/exams/accommodations-esl-disability-options
Red Seal NOA – be sure to review sub text and key competencies:
http://www.red-seal.ca/trades/l.1ndsc.1p.2-eng.html
Exam counselling sheet:
http://www.red-seal.ca/trades/403_landscape_horticulturist/.2x.1m_cs-eng.html
Get Ready for your Red Seal Exam
http://www.red-seal.ca/resources/g.2tr.2.1dy-eng.html
Trade National Occupational Analysis (NOA)
http://www.red-seal.ca/trades/403_landscape_horticulturist/.2x.1m_cs-eng.html
HortEducationBC:
http://www.horteducationbc.com/
Challenge:
http://www.horteducationbc.com/employers-info/challenge-exam
Exam, NOC, Red Seal Resources:
http://www.horteducationbc.com/resources
Plant ID:
Foundation Program Outline:
20 Practice Questions: Red Seal website
http://www.red-seal.ca/s.1mpl.2.2x.1mQ.5.2st.3.4ns-eng.html?tid=403
How to use the RSOS as a study tool:

Trade Resources
http://www.red-seal.ca/resources/2x.1ms_st.5dy-eng.html

Interprovincial Program Guide: Red Seal website
http://www.red-seal.ca/trades/403_landscape_horticulturist/3pg_3nd.2x-eng.html

**Industrial Mechanic (Millwright)**

ITA Program Outline:

ITA Millwright Homepage:
http://www.itabc.ca/program/industrial-mechanic-millwright

National Occupational Analysis – Red Seal Website:

Sample questions: Red Seal Website:
http://www.red-seal.ca/s.1mpl.2.2x.1mQ.5.2st.3.4ns-eng.html?tid=124

Glossary of terms (Tradesecrets – Alberta Apprenticeship)

NOA Red Seal website:
http://www.red-seal.ca/trades/3nd.5str.3.1l_m.2c.1n.3c-eng.html

Interprovincial (IP) Exam Table:

Industrial Mechanic / Machinist
Foundation: http://www.cnc.bc.ca/programs-courses/Industrial_Mechanic_Machinist.htm
Apprenticeship: http://www.cnc.bc.ca/programs-courses/Industrial_Mechanic__Millwright__Apprenticeship.htm

Millwright Learning Module Kit (all modules):
https://www.crownpub.bc.ca/product/listing/17225_Custom-Kits/?statesave=true

Thompson Rivers University:
Industrial Mechanic (Millwright)
http://www.tru.ca/trades/foundation/millwright.html

College of New Caledonia:
www.cnc.bc.ca/trades

Queens Printer Learning Modules:
https://www.crownpub.bc.ca/product/listing/17224_Millwright

Individual Learning Modules:
https://www.crownpub.bc.ca/product/listing/17226_Modules/?statesave=true

- Line A  Describe Safe Work Practices
- Line B  Describe the Machinist & Millwright Trades
- Line C  Identify Lubricants
- Line D  Read & Interpret Shop & Assembly Drawings
- Line E  Use Layout, Measuring & Testing Tools & Equipment
- Line F  Use Support Machines
- Line G  Use Engine Lathes
- Line H  Use Milling Machines
- Line I  Use Shapers
- Line J  Fit Bearings, Gaskets, Packing & Seals

Trade Resources
Line K  Use Fasteners
Line L  Identify Common Metals
Line M  Heat Treat Steel
Line N  Solve Basic Gearing Problems
Line O  Complete Machining & Millwrighting Projects

**Instrumentation and Control**

ITA Instrumentation and Control Homepage:
http://www.itabc.ca/program/instrumentation-and-control-technician-industrial-instrument-mechanic

ITA Program Outline:

NOA Red Seal website:
http://www.red-seal.ca/trades/.3ct-eng.html

Interprovincial (IP) Exam Table:

**Insulator (Heat and Frost)**

ITA Insulator Homepage:

ITA Program Outline:

NOA Red Seal website:
http://www.red-seal.ca/trades/.3ns.5l.1t.4r-eng.html

Interprovincial (IP) Exam Table:

Alberta Learning Guides – available at the Nait Bookstore: shop@nait.ca
https://insulation.org/resources/technical-specifications/standards-manual-mica/
https://insulation.org/training-tools/e-learning-modules/

**Ironworker (Generalist)**

ITA Ironworker (Generalist) Homepage:
http://www.itabc.ca/program/ironworker-generalist-ironworker

ITA Program Outline:

Red Seal Website: NOA:
http://www.red-seal.ca/resources/n.4.1-eng.html

Exam Counselling Sheet:
http://www.red-seal.ca/trades/132_ironworker_generalist/.2x.1m_cs-eng.html
Sample Questions:
http://www.red-seal.ca/s.1mpl2.2x.1mQ.5.2st.3.4ns-eng.html?tid=132

2006 NOA Sub-task to IPG Unit Comparison
http://www.red-seal.ca/trades/132_ironworker_generalis/f162_.3pg-eng.html

Interprovincial program guide:
http://www.red-seal.ca/trades/132_ironworker_generalis/.3pg_.3nd.2x-eng.html

How to use NOA as a study guide:
http://www.red-seal.ca/resources/g.2tr.2.1dy-eng.html

**Ironworker (Reinforcing)**

ITA Ironworker (Reinforcing) Homepage:
http://www.itabc.ca/program/ironworker-reinforcing

ITA Program Outline:
http://www.itabc.ca/sites/default/files/program-information/Ironworker%20%28Reinforcing%29%20Outline%20July%202015.pdf

Red Seal Website: NOA
http://www.red-seal.ca/trades/ironwork_reinforce/2010n.4.1_.4v.2rv.3.2w-eng.html

Exam Counselling Sheet:
http://www.red-seal.ca/trades/255_ironworker_reinforcing/.2x.1m_cs-eng.html

Sample Questions:
http://www.red-seal.ca/s.1mpl2.2x.1mQ.5.2st.3.4ns-eng.html?tid=255

**Lather**

ITA Lather Homepage:
http://www.itabc.ca/program/lather-interior-systems-mechanic-wall-and-ceiling-installer

ITA Program Outline:

BC Wall & Ceiling Association:

Red Seal NOA:
http://www.red-seal.ca/trades/latherintsysmech/2012n.4.1_.4v.2rv.3.2w-eng.html

Exam Counselling Sheet – Red Seal Website:
http://www.red-seal.ca/trades/136_lather_interior_systems_mechani/.2x.1m_cs-eng.html

Sample Questions – Red Seal website:
http://www.red-seal.ca/s.1mpl2.2x.1mQ.5.2st.3.4ns-eng.html?tid=136

Trade secrets Website Resources:
https://tradesecrets.alberta.ca/trades-occupations/profiles/017/resources/

**Machinist**

ITA Machinist Homepage:
http://www.itabc.ca/program/machinist

ITA Program Outline:
Red Seal Machinist IP preparation resources
  http://www.red-seal.ca/trades/m.1ch.3n.3st-eng.html
College of New Caledonia:
  www.cnc.bc.ca/trades
Machinist
  Foundation: http://www.cnc.bc.ca/programs-courses/Industrial_Mechanic_Machinist.htm
  Apprenticeship: http://www.cnc.bc.ca/programs-courses/Machinist_Apprenticeship.htm

**Metal Fabricator (Fitter)**

ITA Metal Fabricator Homepage:
  http://www.itabc.ca/program/metal-fabricator-fitter
ITA Program Outline: this is the curriculum
Exam weighing chart: ITA website (breakdown of exam)
National Occupational Analysis (NOA): Red Seal Website (pay particular attention to the sub tasks and the key competencies)
  http://www.red-seal.ca/trades/metalfabfit/2012n.4.1_4v.2rv.3.2w-eng.html
20 Practice Questions: Red Seal Website
  http://www.red-seal.ca/s.1mpl.2.2x.1mQ.5.2st.3.4ns-eng.html?tid=145
Exam Counseling sheet: Red Seal website (breakdown of exam)
  http://www.red-seal.ca/trades/145_metal_fabricator_fitter/.2x.1m_cs-eng.html
How to use the NOA as a study tool: Red Seal Website
  http://www.red-seal.ca/resources/.2x.1ms_st.5dy-eng.html
Study guide from the Apprentice board in Newfoundland

**Mobile Crane Operator, Lattice Boom Friction Crane**

ITA Mobile Crane Operator Lattice Boom Friction Crane Homepage:
  http://www.itabc.ca/program/mobile-crane-operator-lattice-boom-friction-crane
ITA Program Outline:
Exam Weighing Chart: ITA Website
About the Crane Certification Getting Ready Guides:
National Occupational Analysis: Red Seal Website pay particular attention to the sub tasks and key competencies:
  http://www.red-seal.ca/trades/mobilecrane_op/2013n.4.1_4v.2rv.3.2w-eng.html
20 Practice questions: Red Seal website
  http://www.red-seal.ca/s.1mpl.2.2x.1mQ.5.2st.3.4ns-eng.html?tid=148

Trade Resources
How to use the NOA as a study tool: Red Seal Website
http://www.red-seal.ca/resources/.2x.1ms_st.5dy-eng.html

Exam Counseling sheet: Red Seal website
http://www.red-seal.ca/trades/148_mobile_crane_operator/.2x.1m_cs-eng.html

Study guide: BC Association for Crane Safety

Resource from NL Apprentice Board to assist with exam prep:

Fulford website: there are some excellent resources noted on page 25 -27.
http://www.fulford.ca/crane/pdf/bccs_cwc_lfc_v2.pdf

Mobile Crane Operator, Lattice Boom Hydraulic Friction Crane

ITA Mobile Crane Operator Lattice Boom Friction Crane Homepage:
http://www.itabc.ca/program/mobile-crane-operator-lattice-boom-hydraulic-crane

ITA Program Outline:

About the Crane Certification Getting Ready Guides:

Motor Vehicle Body Repairer (Automotive Collision Repair Technician)

ITA Motor Vehicle Body Repairer Homepage:

ITA Program Outline:

NOA Red Seal website:
http://www.red-seal.ca/trades/mvbr-eng.html

Interprovincial (IP) Exam Table:

Line Guides from Crown Publishing:
https://www.crownpub.bc.ca/product/listing/13544_Auto-Body-Technician-ABT

NOC: 7322 Designation Year: 1964
Designated Red Seal in: AB, BC, MB, NB, NL, NS, NT, NU, ON, PE, SK, YT
Trade title: Motor Vehicle Body Repairer (Metal and Paint), in MB, NB, NL, NS, PE, SK, YT
Other titles used in provinces/territories: Auto Body and Collision Damage repairer (ON), Auto Body Technician (AB, NT), Automotive Collision Repair Technician (BC), Motor Vehicle Body Repairer (NU)

Motorcycle & Power Equipment Technician

ITA Motorcycle & Power Equipment Technician Homepage:
ITABC Program Outline:

NOA Red Seal website:
http://www.red-seal.ca/trades/m.4t.4rcycl.2_m.2ch-eng.html

Interprovincial (IP) Exam Table:

**Oil Heat System Technician (Oil Burner Mechanic)**

**BC Challenge Pathway**
Oil Heat System Technician – ITA BC:
http://www.itabc.ca/program/oil-heat-system-technician

Oil Heat System Technician – Red Seal Website:
http://www.red-seal.ca/trades/.4.3lh.2.1t_t.2ch-eng.html

**Resource Material**

Gas & Oil Text Books:
http://www.firedragonent.com/books.html

Residential Oil Heating Installation:

Oil burners – Open Library:
https://openlibrary.org/subjects/oil_burners

**Training Providers**

Nova Scotia:
https://nsapprenticeship.ca/sites/default/files/docs/pubs/OHSTLicence.pdf

Newfoundland:

Northwest Territories:
http://www.auroracollege.nt.ca/_live/pages/wpPages/ProgramInfoDisplay.aspx?id=118&tp=PRG

PEI:

New Brunswick:
http://www2.gnb.ca/content/gnb/en/services/services_renderer.11495.Oil_Heat_System_Technician_-_Apprenticeship_and_Occupational_Certification_.html

**Training Resources**

Oil Heat System Technician Trade Regulations:
https://nsapprenticeship.ca/trades/reg-changes#OHST

Amendments – Compulsory Trade Regulation Changes – April 1, 2017:
http://www.novascotia.ca/just/regulations/regs/atqoil.htm

Oil Heat System Technician – Trade Statistics:
https://nsapprenticeship.ca/sites/default/files/docs/pubs/OHST.pdf

**Painter and Decorator**

ITA Painter and Decorator Homepage:
http://www.itabc.ca/program/painter-and-decorator

ITA Program Outline:

NOA Red Seal website:
http://www.red-seal.ca/trades/p.1.3nt.2r_d.2c.4-eng.html

Interprovincial (IP) Exam Table:


SSPC – Volume 1 Good Painting Practice pub. Steel Structures Painting Council.

Painting and Decorating Craftsmen’s Manual and Textbook by Painting and Decorating Contractors of America, pub. Vail-Ballou Press Inc. ISBN 978-0915050000. - this can also be found on Amazon
CP2889 – Year 1 Painter Decorator Course Pack (NAIT)
CP2885 – Year 2 Painter Decorator Course Pack (NAIT)
CP2877 – Year 3 Painter Decorator Course Pack (NAIT)

*Course Packs are available from the NAIT Campus Bookstore at (780) 471-7717. Allow four weeks for delivery.

Partsperson 3

ITA Partsperson 3 Homepage:
http://www.itabc.ca/program/partsperson-3

ITA Program Outline:
http://www.itabc.ca/sites/default/files/program-information/Parts%20Person%203%20FINAL%20May%2009%20RB.pdf

NOA Red Seal website:
http://www.red-seal.ca/trades/p.1.3nt.2r_d.2c.4-eng.html

Interprovincial (IP) Exam Table:

Petroleum Installer / Service Technician

BRITISH COLUMBIA
Industry Training Authority: http://www.itabc.ca/

Trade Resources
Petroleum Equipment Installer: [http://www.itabc.ca/petroleum-equipment-installer](http://www.itabc.ca/petroleum-equipment-installer)
Petroleum Equipment Service Technician: [http://www.itabc.ca/petroleum-equipment-serv-tech](http://www.itabc.ca/petroleum-equipment-serv-tech)

**WorkBC Labour Market Info:**

**UA Piping Industry College of British Columbia:** [http://www.uapicbc.ca/]
- UA Petro Programs: [http://www.uapicbc.ca/?q=node/101](http://www.uapicbc.ca/?q=node/101)

**ALBERTA**
- Alberta Trade Secrets: [http://tradesecrets.alberta.ca](http://tradesecrets.alberta.ca)
- An association consisting primarily of Active members who are contractors conducting business in the tank and piping industry
  - PMH—Petroleum Mechanic Helper
  - PM1—Service & Maintenance (Includes Precision Testers)
  - PM2—Underground Installations & Removals
  - PM3—Aboveground Installations

**Cathodic Protection Technician**

- Programs: [http://cpcaonline.com/training/](http://cpcaonline.com/training/)
  - PMH – PETROLEUM MECHANIC HELPER
  - PM1 – SERVICE AND MAINTENANCE
  - PM2 – UNDERGROUND INSTALLATION
  - PM3 – ABOVEGROUND INSTALLATION

**C.P.C.A. Jurisdiction option that offer PMH, PM1, PM2, PM3 and Challenge Process**
- British Columbia - BCPCA – British Columbia Petroleum Contractors Association
- Saskatchewan - SRPCA – Saskatchewan Retail Petroleum Construction Association
- Manitoba - MPCA – Manitoba Petroleum Contractors Association
- Ontario - OPCA – Ontario Petroleum Contractors Association
- Quebec - AEPQ – Association des Entrepreneurs pétroliers du Québec

**Plumber**
- ITA Plumber Homepage: [http://www.itabc.ca/program/plumber](http://www.itabc.ca/program/plumber)
- ITA Program Outline:

**Trade Resources**

Link from the ITA site – exams/refresher:

This is a link to a practice exam:

Answer key:

Breakdown of IP:

Similar link – Exam table:

Links from the Red Seal website:
How to use the NOA as a study guide:
http://www.red-seal.ca/resources/.2x.1ms_st.5dy-eng.html

NOA for Plumbing:
http://www.red-seal.ca/trades/plumbers/2010n.4.1_.4v.2rv.3.2w-eng.html

20 sample questions:
http://www.red-seal.ca/s.1mpl.2.2x.1mQ.5.2st.3.4ns-eng.html?tid=181

Link to Trade Interprovincial Program Guide-Red Seal website:
http://www.red-seal.ca/trades/181_plumber/.3pg_.3nd.2x-eng.html

Worksafe BC

**PLUMBER - BLOCK AND TASK WEIGHTING**

http://www.itabc.ca/sites/default/files/docs/manage/Exams/Plumbing%20Trade%20%20Block%20Task%20%20Weighting.pdf

**Pile Driver**

ITA Exam Weighing Chart: CofQ exam

ITA Program Outline:

**Power Line Technician**

ITA Homepage:
http://www.itabc.ca/program/power-line-technician

Trade Resources
ITA Program Outline:  
http://www.itabc.ca/sites/default/files/program-information/power-line-tech-august-2013.pdf

NOA Red Seal website:  
http://www.red-seal.ca/trades/p.4w.2rl.3n.2_t.2ch-eng.html

Interprovincial (IP) Exam Table:  

Recreational Vehicle Service Technician
ITA Homepage:  
http://www.itabc.ca/program/recreation-vehicle-service-technician

ITA Program Outline:  
http://www.itabc.ca/program/recreation-vehicle-service-technician

NOA Red Seal website:  
http://www.red-seal.ca/trades/rvst-eng.html

Interprovincial (IP) Exam Table:  

Refrigeration and Air Conditioning Mechanic
ITA Refrigeration and Air Conditioning Mechanic Homepage:  
http://www.itabc.ca/program/refrigeration-and-air-conditioning-mechanic-refrigeration-mechanic

ITA Program Outline:  

Red Seal Website:  
www.red-seal.ca , under your trade  http://www.red-seal.ca/trades/r.1cm-eng.html

Prepare for your exam, including some sample questions:  
http://www.red-seal.ca/s.1mpl.2.2x.1mQ.5.2st.3.4ns-eng.html?tid=202

Exam Counselling Sheet:  
http://www.red-seal.ca/trades/202_refrigeration_and_air_conditioning_mechanic/.2x.1m_cs-eng.html

NOA Red Seal website:  
http://red-seal.ca/tr.1d.2n.4al.3st-@-eng.jsp?tid=202&nid=2

Sample Questions:  
http://www.red-seal.ca/s.1mpl.2.2x.1mQ.5.2st.3.4ns-eng.html?tid=202

Rig Technician
ITA Rig Technician Homepage:  
http://www.itabc.ca/program/ rig-technician

Most of my references are from Alberta. (NAIT & SAIT)  
Crown Publications – Rig Tech modules  
https://www.crownpub.bc.ca/product/listing/13651_3rd-Period#/?statesave=true

Drilling Data Handbook ISBN # 978271089715 (can be purchased from NAIT)  
Trades Exambank.com – Rig Tech practice exams  
http://trades.exambank.com/rigtech.html

Trade Resources
**Roofer**

ITA Homepage:  
http://www.itabc.ca/program/roofer

ITA Program Outline:  
http://www.itabc.ca/sites/default/files/program-information/roofer-damper-and-waterproofer-2012_0.pdf

NOA Red Seal website:  
http://www.red-seal.ca/trades/r.4.4f.2r-eng.html

Interprovincial (IP) Exam Table:  

Challengers:  

**Sheet Metal Worker**

ITA Homepage:  
http://www.itabc.ca/program/sheet-metal-worker

ITA Program Outline:  

Red Seal website:  
http://www.red-seal.ca/trades/sh.2.2t_m.2t.1l-eng.html

Interprovincial (IP) Exam Table:  

**Sprinkler System Installer**

ITA Homepage:  
http://www.itabc.ca/program/sprinkler-system-installer

ITA Program Outline:  
http://www.itabc.ca/sites/default/files/program-information/sprinkler-system-installer-outline-may-2015_0.pdf

NOA – National Occupational Analysis for your trade: Red Seal website  

How to use the NOA as a study guide: Red Seal website  
http://www.red-seal.ca/resources/g.2tr.2.1dy-eng.html

Sample questions: Red Seal website  
http://www.red-seal.ca/s.1mpl.2.2x.1mQ.5.2st.3.4ns-eng.html?tid=221

Exam weighing chart:  
http://www.red-seal.ca/trades/221_sprinkler_system_installer/.2x.1m_cs-eng.html

Interprovincial Program Guide:  
http://www.red-seal.ca/trades/sprinklersysinstal/2016.3pg_.4v.2rv.3.2w-eng.html
Program Outline: ITA website:
http://www.itabc.ca/sites/default/files/program-information/sprinkler-system-installer-outline-may-2015_0.pdf

Steamfitter:

ITA Steamfitter / Pipefitter Homepage:
http://www.itabc.ca/program/steamfitter-pipefitter

ITA Program Outline:

Exam table ITA website:

National Occupational Analysis (NOA) Red Seal website:
http://www.red-seal.ca/trades/steamfitpipefit/2010n.4.1_4v.2rv.3.2w-eng.html

How to use the NOA as a Study Guide:
http://www.red-seal.ca/resources/.2x.1ms_st.5dy-eng.html

Trade Interprovincial Program Guide: Steamfitter Red Seal website:
http://www.red-seal.ca/trades/230_steamfitter_pipefitter/3pg_3nd.2x-eng.html

Preparing for your Red Seal exam: Red Seal website:
http://www.red-seal.ca/resources/g.2tr.2.1dy-eng.html

20 Sample Questions Red Seal website:
http://www.red-seal.ca/s.1mpl.2.2x.1mQ.5.2st.3.4ns-eng.html?tid=230

Alberta Tradesecrets also has some great resources. Here is a link to look at:
https://tradesecrets.alberta.ca/trades-occupations/profiles/0074/exams/

Here is a practice exam from Tradesecrets website:

and an answer key for the above practice exam:

Here is a link to the Red Seal website – NOA for your trade:
http://www.red-seal.ca/trades/steamfitpipefit/2010n.4.1_4v.2rv.3.2w-eng.html

Tilesetter

ITA Tilesetter Homepage:
http://www.itabc.ca/program/tilesetter

ITA Program Outline:
http://www.itabc.ca/sites/default/files/program-information/Tilesetter%20Program%20Outline-March%202011%20RB.pdf

NOA Red Seal website:
http://www.red-seal.ca/trades/t.3l.2s.2tt.2r-eng.html

Interprovincial (IP) Exam Table:

Trowel Trades Training Association

Trade Resources
http://www.ttta.ca/contact_Brick_Tile.html

SAIT

**Tool and Die Maker**

ITA Tool and Die Maker:
http://www.itabc.ca/program/tool-and-die-maker

ITA Program Outline:

NOA Red Seal website:
http://www.red-seal.ca/trades/t.4.4l_d.3.2_m.1k.2r-eng.html

Interprovincial (IP) Exam Table:

**Transport Trailer Technician**

ITA Transport Trailer Technician:
http://www.itabc.ca/program/transport-trailer-technician

ITA Program Outline:

NOA Red Seal website:
http://www.red-seal.ca/trades/transptrailertech/2013n.4.1_.4v.2r.v.3.2w-eng.html

Preparing for Red Seal Exam:
http://www.red-seal.ca/resources/g.2tr.2.1dy-eng.html

Sample Questions: Red Seal Website
http://www.red-seal.ca/s.1mpl.2.2x.1mQ.5.2st.3.4ns-eng.html?tid=242

Exam Counseling Sheet: Red Seal Website
http://www.red-seal.ca/trades/242_transport_trailer_technician/2x.1m_cs-eng.html

Glossary of Terms: Tradescrets

Interprovincial (IP) Exam Table:

TTM – IP Answer Key:

TTM – IP – Practical Exam

Trades – Math Workbook
http://www.itabc.ca/sites/default/files/docs/manage/Exams/Welder%20Block%20&%20Task%20Weighing%20-%20BC%20to%20NOA.pdf

**Truck and Transport Mechanic (Commercial Transport Mechanic)**

ITA Truck and Transport Mechanic Homepage:
http://www.itabc.ca/program/truck-and-transport-mechanic

ITA Program Outline:

ITA Practice Exam:

National Occupational Analysis: Red Seal Website – review the Sub tasks and key competencies

Exam Weighing Chart:
http://www.red-seal.ca/trades/243_truck_and_transport_mechanic/.2x.1m_cs-eng.html

How to use the NOA as a study guide:
http://www.red-seal.ca/resources/g.2tr.2.1dy-eng.html

Practice questions: Red Seal website
http://www.red-seal.ca/s.1mpl.2.2x.1mQ.5.2st.3.4ns-eng.html?tid=243

Interprovincial program guide: Red Seal Truck & Transport Mechanic
http://www.red-seal.ca/trades/243_truck_and_transport_mechanic/.3pg_.3nd.2x-eng.html

Practice Exam: Tradesecrets (Alberta Gov’t site)

Answer Key:

Glossary of terms: Truck & Transport Mechanic (Tradesecrets Alta Gov’t)

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**Welder**

Red Seal Website:
http://www.red-seal.ca/trades/w.2ld.2r-eng.html

Red Seal Exam Counselling Sheet:
http://www.red-seal.ca/trades/weld/./2x.1m_c.4.5ns.2l_sh.2.2t-eng.html

Red Seal Sample Question test:
http://www.red-seal.ca/s.1mpl.2.2x.1mQ.5.2st.3.4ns-eng.html?tid=250

Red Seal course materials from the Canadian Welding Bureau – for purchase:
www.cwbgroup.org/store/course-materials/red-seal-program

Welder Block and Task Weighting – BC to NOA

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Nelson Education, ATP publisher, contains a fair amount of content on the Specialized Processes competency. The text is called Welding Skills. It is distributed through Nelson Education.