Contents

ITA Exam Preparation: .......................................................................................................................... 3
Preparing to write the Red Seal........................................................................................................ 3

Exam Preparation Tips   Exam Anxiety   Learning Strategies Checklist ........................................ 3

Accommodation:.................................................................................................................................. 3
Essential Skills: .................................................................................................................................... 4
Refresher Courses:................................................................................................................................. 4
Trades Math Workbook: ........................................................................................................................ 4
Upgrading Information Page: ............................................................................................................. 4
Exam Scheduling: ............................................................................................................................... 4
All Trades: Practice Exams: .............................................................................................................. 4
Queens Printer: ................................................................................................................................. 4
Exams that require codebooks .......................................................................................................... 5
Red Seal.ca Resources ....................................................................................................................... 5

BC Trade Publications – fee for purchase ...................................................................................... 5
Government of Canada .................................................................................................................... 5
WorksafeBC ......................................................................................................................................... 5


All Trades: Practice Exam Questions - fee for service.................................................................... 5
Red Seal Trades – Weblinks ............................................................................................................. 5
Appliance Service Technician ......................................................................................................... 7
Automotive Glass Technician ......................................................................................................... 7
Automotive Service Technician ...................................................................................................... 8
Auto Refinishing ............................................................................................................................... 9
Baker .................................................................................................................................................. 9
Boilermaker ....................................................................................................................................... 10
Bricklayer .......................................................................................................................................... 10
Cabinetmaker (Joinery) .................................................................................................................... 11
Carpenter .......................................................................................................................................... 11
Concrete Finisher .............................................................................................................................. 12
ITA Program Outline: this is the curriculum and is based on the NOA ....................................... 12
Construction Craft Worker ............................................................................................................ 12
Cooks ................................................................................................................................................. 13

PC1 .................................................................................................................................................... 13

PC2 .................................................................................................................................................... 13

PC3 .................................................................................................................................................... 13

Electric Motor Systems Technician (Winder Electrician) ............................................................... 14

Trade Resources
<table>
<thead>
<tr>
<th>Trade Resource</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electrical, Construction</td>
<td>14</td>
</tr>
<tr>
<td>Electrician, Industrial</td>
<td>15</td>
</tr>
<tr>
<td>Floor Covering Installer</td>
<td>15</td>
</tr>
<tr>
<td>Glazier</td>
<td>15</td>
</tr>
<tr>
<td>Hairstylist</td>
<td>16</td>
</tr>
<tr>
<td>Heavy Duty Equipment Technician (Mechanic)</td>
<td>17</td>
</tr>
<tr>
<td>Heavy Equipment Operator Technician</td>
<td>17</td>
</tr>
<tr>
<td>Horticulturist, Landscape</td>
<td>17</td>
</tr>
<tr>
<td>Industrial Mechanic (Millwright)</td>
<td>18</td>
</tr>
<tr>
<td>Instrumentation and Control</td>
<td>19</td>
</tr>
<tr>
<td>Insulator (Heat and Frost)</td>
<td>20</td>
</tr>
<tr>
<td>Ironworker (Generalist)</td>
<td>20</td>
</tr>
<tr>
<td>Ironworker (Reinforcing)</td>
<td>20</td>
</tr>
<tr>
<td>Lather</td>
<td>21</td>
</tr>
<tr>
<td>Machinist</td>
<td>21</td>
</tr>
<tr>
<td>Metal Fabricator (Fitter)</td>
<td>21</td>
</tr>
<tr>
<td>Mobile Crane Operator, Lattice Boom Friction Crane</td>
<td>22</td>
</tr>
<tr>
<td>Mobile Crane Operator, Lattice Boom Hydraulic Friction Crane</td>
<td>22</td>
</tr>
<tr>
<td>Motor Vehicle Body Repairer (Automotive Collision Repair Technician)</td>
<td>23</td>
</tr>
<tr>
<td>Motorcycle &amp; Power Equipment Technician</td>
<td>23</td>
</tr>
<tr>
<td>Oil Heat System Technician (Oil Burner Mechanic)</td>
<td>23</td>
</tr>
<tr>
<td>Painter and Decorator</td>
<td>24</td>
</tr>
<tr>
<td>Partsperson 3</td>
<td>25</td>
</tr>
<tr>
<td>Petroleum Installer / Service Technician</td>
<td>25</td>
</tr>
<tr>
<td>Plumber</td>
<td>26</td>
</tr>
<tr>
<td>Pile Driver</td>
<td>27</td>
</tr>
<tr>
<td>ITA Exam Weighing Chart: CofQ exam</td>
<td>27</td>
</tr>
<tr>
<td>Power Line Technician</td>
<td>27</td>
</tr>
<tr>
<td>Recreational Vehicle Service Technician</td>
<td>27</td>
</tr>
<tr>
<td>Refrigeration and Air Conditioning Mechanic</td>
<td>28</td>
</tr>
<tr>
<td>Rig Technician</td>
<td>28</td>
</tr>
<tr>
<td>Roofer</td>
<td>28</td>
</tr>
<tr>
<td>Sheet Metal Worker</td>
<td>29</td>
</tr>
<tr>
<td>Sprinkler System Installer</td>
<td>29</td>
</tr>
<tr>
<td>Steamfitter</td>
<td>29</td>
</tr>
<tr>
<td>Tilesetter</td>
<td>29</td>
</tr>
<tr>
<td>Tool and Die Maker</td>
<td>30</td>
</tr>
<tr>
<td>Transport Trailer Technician</td>
<td>30</td>
</tr>
<tr>
<td>Truck and Transport Mechanic (Commercial Transport Mechanic)</td>
<td>31</td>
</tr>
<tr>
<td>Welder</td>
<td>32</td>
</tr>
</tbody>
</table>
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
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_l.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>
<tr>
<th>Automotive Service Technician</th>
<th>Landscape Horticulturist</th>
</tr>
</thead>
<tbody>
<tr>
<td>Baker</td>
<td>Lather (Interior Systems Mechanic)</td>
</tr>
<tr>
<td>Boilermaker</td>
<td></td>
</tr>
<tr>
<td>Bricklayer</td>
<td></td>
</tr>
<tr>
<td>Cabinetmaker</td>
<td>Machinist</td>
</tr>
<tr>
<td>Carpenter</td>
<td>Metal Fabricator (Fitter)</td>
</tr>
<tr>
<td>Concrete Finisher</td>
<td>Mobile Crane Operator</td>
</tr>
<tr>
<td>Construction Craft Worker</td>
<td>Mobile Crane Operator (Hydraulic)</td>
</tr>
<tr>
<td>Construction Electrician</td>
<td>Motor Vehicle Body Repairer (Metal and Paint)</td>
</tr>
<tr>
<td>Cook</td>
<td>Motorcycle Mechanic</td>
</tr>
<tr>
<td>Drywall Finisher and Plasterer</td>
<td>Oil Heat System Technician</td>
</tr>
<tr>
<td>Electric Motor System Technician</td>
<td></td>
</tr>
<tr>
<td>Floorcovering Installer</td>
<td>Painter and Decorator</td>
</tr>
<tr>
<td>Gasfitter — Class A</td>
<td>Partsperson</td>
</tr>
<tr>
<td>Gasfitter — Class B</td>
<td>Plumber</td>
</tr>
<tr>
<td>Glazier</td>
<td>Powerline Technician</td>
</tr>
<tr>
<td>Hairstylist</td>
<td>Recreation Vehicle Service Technician</td>
</tr>
<tr>
<td>Heavy Duty Equipment Technician</td>
<td>Refrigeration and Air Conditioning Mechanic</td>
</tr>
<tr>
<td>Heavy Equipment Operator (Dozer)</td>
<td>Rig Technician</td>
</tr>
<tr>
<td>Heavy Equipment Operator (Excavator)</td>
<td>Roofer</td>
</tr>
<tr>
<td>Heavy Equipment Operator (Tractor-Loader-Backhoe)</td>
<td>Sheet Metal Worker</td>
</tr>
<tr>
<td>Industrial Electrician</td>
<td>Sprinkler System Installer</td>
</tr>
<tr>
<td>Industrial Mechanic (Millwright)</td>
<td>Steamfitter/Pipefitter</td>
</tr>
<tr>
<td>Instrumentation and Control Technician</td>
<td>Tilesetter</td>
</tr>
<tr>
<td>Insulator (Heat and Frost)</td>
<td>Tool and Die Maker</td>
</tr>
<tr>
<td>Ironworker (Generalist)</td>
<td>Tower Crane Operator</td>
</tr>
<tr>
<td>Ironworker (Reinforcing)</td>
<td>Transport Trailer Technician</td>
</tr>
<tr>
<td>Ironworker (Structural/Ornamental)</td>
<td>Truck and Transport Mechanic</td>
</tr>
<tr>
<td></td>
<td>Welder</td>
</tr>
</tbody>
</table>
**Appliance Service Technician**

ITA Appliance Service Tech Homepage:  
[http://www.itabc.ca/program/appliance-service-technician](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%202020_0.pdf](http://www.itabc.ca/sites/default/files/program-information/Appliance%20Service%20Technician%20Outline%20Jan%202020_0.pdf)

NOA Red Seal website:  
[http://www.red-seal.ca/trades/1ppl3.1nc.2_t.2ch-eng.html](http://www.red-seal.ca/trades/1ppl3.1nc.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)](http://www.itabc.ca/program/appliance-service-technician) 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](https://www.i-car.com)):
    - TRM02 Removing and Installing Hardware and Interior Trim
    - DAM01 Vehicle Identification, Estimation Systems, and Terminology
    - GLA01 Moveable Glass
    - GLA02 Stationary Glass
    - WIN01 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:
- Line A – Workplace
  http://www.itabc.ca/sites/default/files/docs/manage/Exams/AST%201%20-%20Line%20A.pdf
- Line B - Employability Skills
  http://www.itabc.ca/sites/default/files/docs/manage/Exams/AST%201%20-%20Line%20B.pdf
- Line C - Tools and Equipment
  http://www.itabc.ca/sites/default/files/docs/manage/Exams/AST%201%20-%20Line%20C.pdf
- Line D - General Automotive Maintenance
  http://www.itabc.ca/sites/default/files/docs/manage/Exams/AST%201%20-%20Line%20D.pdf
- Line E - General Automotive Practices
  http://www.itabc.ca/sites/default/files/docs/manage/Exams/AST%201%20-%20Line%20E.pdf
- Line F – Basic Electrical Systems
  http://www.itabc.ca/sites/default/files/docs/manage/Exams/AST%201%20-%20Line%20F.pdf
- Line G – Brake Systems
- Line H – Steering Systems
  http://www.itabc.ca/sites/default/files/docs/manage/Exams/AST%201%20-%20Line%20H.pdf
- Line I – Suspension Systems
  http://www.itabc.ca/sites/default/files/docs/manage/Exams/AST%201%20-%20Line%20I.pdf
- CofQ Practice Test – answer key

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

Trade Resources
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.ijitrain.com/vms/library.html

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

Trade Resources
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
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/

Trade Resources
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:

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://tradescrets.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:
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

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

Stuy 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://ccmpa.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/c4nst_cr.1ft_w.4rk-eng.html

Interprovincial (IP) Exam Table:

**Cooks**

Totara Resource Library Overview:


**WorkSafe 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

Trade Resources
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

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_t.2ch-eng.html

Red Seal Exam Counselling Sheet:  
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

Tradesecrets resources including practice IP exam:  
https://tradesecrets.alberta.ca/trades-occupations/profiles/003/resources/

Electrical Refresher Course:  
http://electricalexam.ca/

2015 Canadian Electrical Practice Exams:  

Trade Resources
**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_ele](http://www.red-seal.ca/trades/123_industrial_electrician/2011n.4.1_4v.2rv.3.2w-eng.html)

Online course available at TRU:  

Worksafebc.ca:  

Red Seal Interprovincial Exam Challenge Preparation Courses

Industrial Electrician “Red-Seal” Exam Preparation Course  
(XELC 0790) $895  Online Delivery – Continuous Intake

Electrical Refresher Course  [http://electricalexam.ca/](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](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](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.4.rc.4v.2r.3ng-eng.html](http://www.red-seal.ca/trades/fl.4.rc.4v.2r.3ng-eng.html)

Interprovincial (IP) Exam Table:  
[http://www.itabc.ca/sites/default/files/program-information/Floorcovering%20Installer%202012.pdf](http://www.itabc.ca/sites/default/files/program-information/Floorcovering%20Installer%202012.pdf)

**Glazier**

ITA Glazier Homepage:  
[http://www.itabc.ca/program/glazier](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.html?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).

Trade Resources
  o Appendix B: Glossary– page 62 on the above document
  o 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](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%202014%202%20RB.pdf](http://www.itabc.ca/sites/default/files/program-information/Heavy%20Duty%20Equipment%20Mechanic%20Program%20Outline%20Jan%202014%202%20RB.pdf)

Red Seal HDET:
[http://www.red-seal.ca/trades/hd.2t-eng.html](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](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](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](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](http://www.red-seal.ca/trades/heavydutyequiptech/2014n.4.1_.4v.2rv.3.2w-eng.html)

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](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](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/l1ndsc.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:
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
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:

Trade Resources
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_generalis/.2x.1m_cs-eng.html

Sample Questions:
http://www.red-seal.ca/s.1mpl.2.2x.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

Trade Resources
Exam Counselling Sheet:
http://www.red-seal.ca/trades/255_ironworker_reinforcing/2x1m_cs-eng.html
Sample Questions:
http://www.red-seal.ca/s1mpl22x1mQ52st34ns-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/2012n414v2rv32w-eng.html
Exam Counselling Sheet – Red Seal Website:
http://www.red-seal.ca/trades/136_lather_interior_systems_mechanist/2x1m_cs-eng.html
Sample Questions – Red Seal website:
http://www.red-seal.ca/s1mpl22x1mQ52st34ns-eng.html?tid=136
Tradesecrets 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/m1ch3n3st-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)

Trade Resources
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

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:
http://www.itabc.ca/program/motorcycle-mechanic-motorcycle-and-power-equipment-technician

ITA 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/.4t.4rcycl.2_m.2ch-eng.html

Trade Resources
**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 Craftsman’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](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](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](http://www.red-seal.ca/trades/p.1.3nt.2r_d.2c.4-eng.html)


**Petroleum Installer / Service Technician**

**BRITISH COLUMBIA**

**Industry Training Authority:** [http://www.itabc.ca/](http://www.itabc.ca/)

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/](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

Trade Resources
• PMH—Petroleum Mechanic Helper
• PM1—Service & Maintenance (Includes Precision Testers)
• PM2—Underground Installations & Removals
• PM3—Aboveground Installations
• Challenge Process http://cpcaonline.com/

Cathodic Protection Technician
Level 1 http://tradescrets.alberta.ca/trades-occupations/profiles/2101/
Level 2 http://tradescrets.alberta.ca/trades-occupations/profiles/2102/

Canadian Petroleum Contractors Association (C.P.C.A.) http://cpcaonline.com/
Programs:
• 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 - OPC – Ontario Petroleum Contractors Association
• Quebec - AEPQ – Association des Entrepreneurs pétroliers du Québec

Plumber
ITA Plumber Homepage:
http://www.itabc.ca/program/plumber

ITA Program Outline:

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

Pile Driver
ITA Exam Weighing Chart: CofQ exam

ITA Program Outline:

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

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:

Trade Resources
**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/trades/r.4.4f.2r-eng.html

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

**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.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 Resources
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
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:

---

Trade Resources
**Transport Trailer Technician**

ITA Transport Trailer Technician:
[http://www.itabc.ca/program/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.2rv.3.2w-eng.html](http://www.red-seal.ca/trades/transptrailertech/2013n.4_1_.4v.2rv.3.2w-eng.html)

Preparing for Red Seal Exam:
[http://www.red-seal.ca/resources/g.2tr.2.1dy-eng.html](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](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](http://www.red-seal.ca/trades/242_transport_trailer_technician/2x.1m_cs-eng.html)

Glossary of Terms: Tradesecrets
[https://tradesecrets.alberta.ca/SOURCES/PDFS/glossaries/019_glossary.pdf](https://tradesecrets.alberta.ca/SOURCES/PDFS/glossaries/019_glossary.pdf)

Interprovincial (IP) Exam Table:

**TTM – IP Answer Key:**

**TTM – IP – Practical Exam**

**Trades – Math Workbook**

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

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

**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

(Double lick image to enlarge)

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.