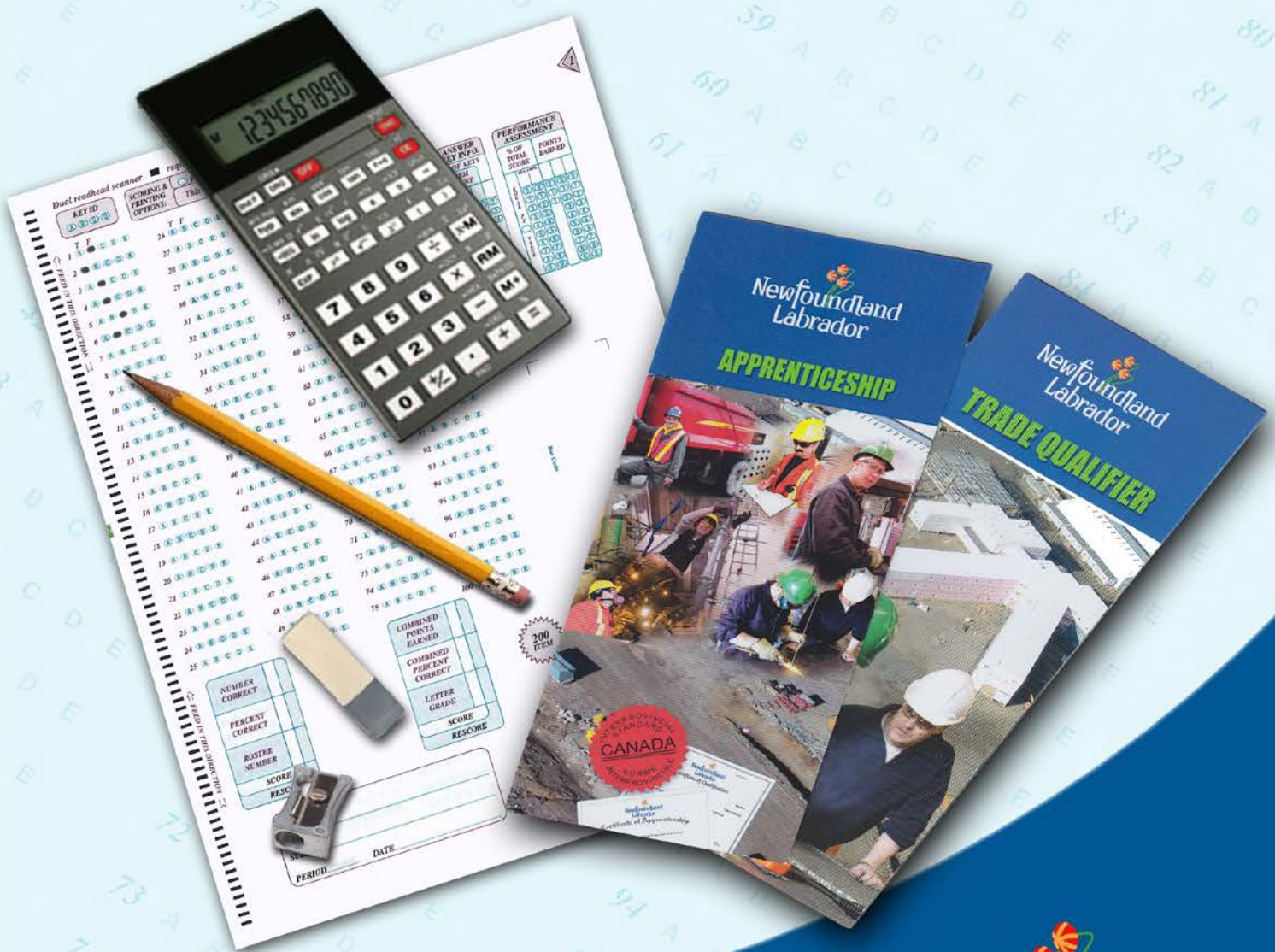


APPRENTICESHIP & CERTIFICATION

Study Guide Plumber




Newfoundland
Labrador

Apprenticeship and Certification

Study Guide

Plumber

(Based on 2010 NOA)

Government of Newfoundland and Labrador
Department of Advanced Education, Skills and Labour
Apprenticeship and Trades Certification Division

**Version 8
April 2019**

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Introduction

This Study Guide has been developed by the Newfoundland and Labrador Department of Advanced Education, Skills and Labour, Apprenticeship and Trades Certification Division, to assist apprentices and trade qualifiers as they prepare to write the Interprovincial (IP) Red Seal Exam. IP Exams are available for all Red Seal trades. For a list of Interprovincial trades please refer to the Department of Advanced Education, Skills and Labour website:

<https://www.aesl.gov.nl.ca/app/trades.html>

Some of the specific goals of this guide are:

- ⇒ to help you understand the skills and knowledge that might be covered on the exam
- ⇒ to help you identify your strengths and weaknesses
- ⇒ to provide organization and structure for a course of study
- ⇒ to provide a list of resources to help you with your study plan
- ⇒ to support and supplement the teaching and learning process

This study guide outlines the theoretical portion of the program. The intent is not to replace technical training provided under the guidance of instructors. Rather, it is a tool to be used in conjunction with formal training.



Exam Process

Before the Exam

You must contact the nearest Apprenticeship and Trades Certification Divisional office to make request to write the IP Red Seal exam (*See Appendix A for a list of regional offices*). Upon approval, the Apprenticeship Program Officer (APO) will notify you of your eligibility to write the exam, and provide you with scheduling information. If you require special accommodations due to a disability or language barrier, please contact your regional office for information on applying for this service.

During the Exam

You must bring:

- personal identification such as a photo or signature ID or valid Newfoundland and Labrador driver's license
- your notification letter

The following will be provided:

- National Plumbing Code of Canada
- a calculator (*see Appendix B for calculator information*)
- all other items required such as pencils, scrap paper, etc.

Important Note:

Personal cell phones, calculators, or other electronic equipment are NOT allowed into the exam room. If you do bring them, they will be stored away and returned to you when you have completed the exam.

After the Exam

Results will be mailed to you approximately seven to ten days after completion of the exam. All necessary instructions and information will be provided in the results letter.

The percentage mark you obtained will be provided. You will also be given a section by section breakdown, showing how many questions were in each section, as well as the number of questions in each section you completed successfully.

If you are successful in obtaining a 70% or more on your exam, you will be issued a Newfoundland and Labrador Certificate of Qualification with a Red Seal endorsement.

Exam Format

All IP Red Seal exams are written in multiple-choice format. Each exam has between 100 and 150 questions. A multiple choice question consists of a stem (a complete question) followed by four options (A, B, C, D). The stem contains all the information necessary to answer the question. The options consist of the one correct answer and three “distracters.” Distracters are incorrect. (See Appendix C for a sample answer sheet).

IP Red Seal exams contain three types of questions:

Level 1 Knowledge and Recall

Questions at this level test your ability to recall and understand definitions, facts, and principles.

Level 2 Procedural and Application

Questions at this level test your ability to apply your knowledge of procedures to a new situation.

Level 3 Critical Thinking

Questions at this level test your ability to interpret data, solve problems and arrive at valid conclusions.

Level 1 Examples:

1. What does the term “common piping” mean?
 - A. Most common sized pipe used in the system
 - B. Most frequently used pipe in the zone
 - C. Pipe common to both circuits
 - D. Standard pipe sizes



2. Which type of trap is required when installing a standard close-coupled WC?

- A. Integral.
- B. Drum.
- C. Indirect.
- D. Removable.



3. Under atmospheric condition at sea level what is the boiling point of water?

- A. 110dC 220dF
- B. 100dC 212dF
- C. 0dC 32dF
- D. 4dC 39.2dF



Level 2 Examples:

1. When checking cast iron pipe or fitting for cracks, what should you do?

- A. Examine it visually only
- B. Tap the material sharply with a 4-pound hammer
- C. Tap the spigot end sharply against the hub
- D. Examine it visually and tap it lightly with a hammer



2. When installing water service piping in which order are the valves, starting from the main to inside of the building?

- A. curb stop, stop valve, corporation stop
- B. corporation stop , stop valve, curb stop
- C. stop valve, corporation stop, curb stop
- D. corporation stop, curb stop, stop valve



3. What is the superficial area, (in square feet) of the side and ends of a cylinder 6' long 4' diameter?

- A. 62.80 sq ft
- B. 50.24 sq ft
- C. 100.48 sq ft
- D. 12.56 sq ft



Level 3 Examples:

1. What is the maximum number of fixture units that can be drained to a 4 inch soil stack in a two storey building?

- A. 60 F.U.
- B. 90 F.U.
- C. 240 F.U.
- D. 540 F.U.

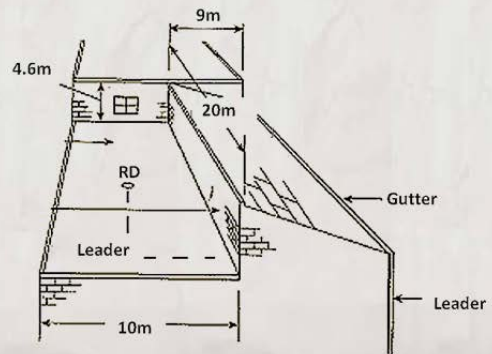


2. Two back-to-back water closets are roughed-in at 254 mm (10 in.) from the finished walls. If the partition is 125 mm (5 in.) hollow tile and the wall finish is 19 mm (3/4 in.) plaster, what is the c-c distance of the sleeves.

- A. 335 mm / 13 1/4 in.
- B. 652 mm / 25 3/4 in.
- C. 671 mm / 26 1/2 in.
- D. 698 mm / 27 1/2 in.



3. From the drawing, what size of circular leader would be required for roof drain?
The local rainfall intensity is 30 mm.



- A. 2.
B. 4.
C. 6.
D. 8.



Source of questions:

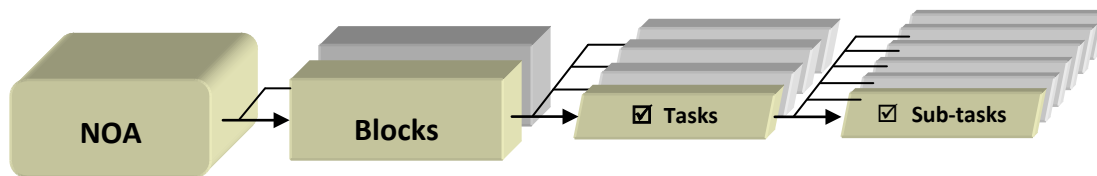
www.red-seal.ca/s.1mpl.2.2x.1mQ.5.2st.3.4ns-eng.html?tid=181

Exam Content

Understanding the *National Occupational Analysis (NOA)*

The NOA is a document used for Red Seal trades that describes the knowledge, skills and abilities required by a fully competent tradesperson working in that trade. The content for the IP Red Seal exam is based on the NOA. The NOA is an excellent tool to use as you study for the Red Seal exam. NOAs can be found at www.red-seal.ca.

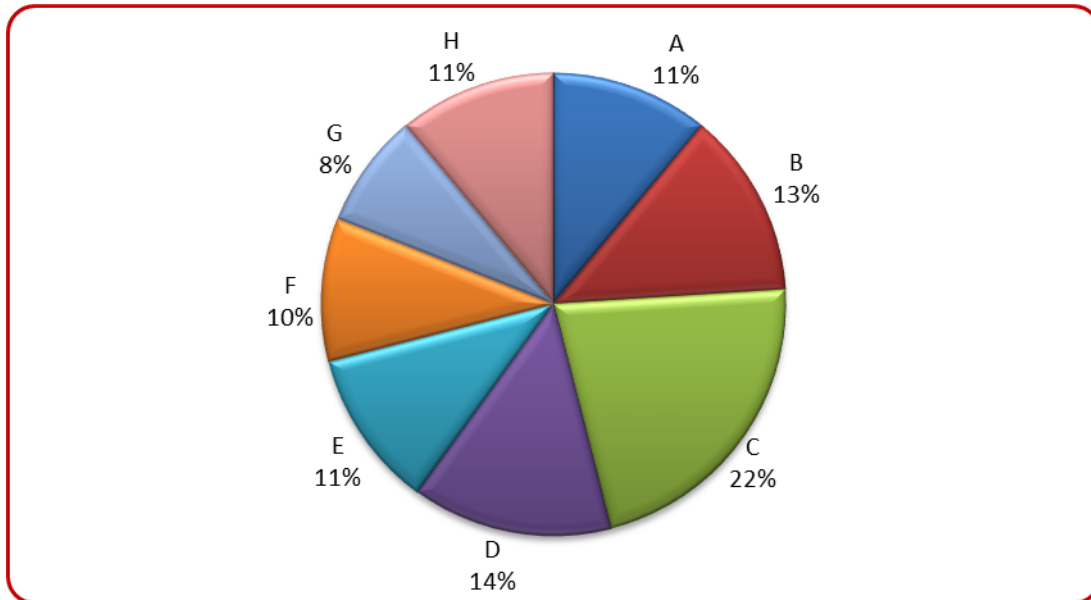
NOA material is organized into major content areas called **BLOCKS**. The blocks are further broken down into **TASKS** and **SUB-TASKS**.



NOA Pie Chart

The NOA Pie Chart presents the block percentages in the form of a pie chart which tells you the approximate number of questions from each block. For example, 11% of the questions on the **Plumber** Exam will be based on **Block A**.

Plumber



Block Titles			
Block A	Occupational Skills	Block E	Fixtures, Appliances & Water Treatment Systems
Block B	Piping Preparation & Assembly	Block F	Low Pressure Steam and Hydronic Heating & Cooling Systems
Block C	Drainage, Waste, Vents & Sewage Treatment Systems	Block G	Specialized Systems
Block D	Water Service & Distribution	Block H	Maintenance and Repairs

Exam Breakdown

The **Plumber** exam currently has 125 questions. The following table shows a breakdown of the approximate number of questions that come from each NOA block. Please note that the number of questions can change at any time. When you are ready to write your exam you may contact your regional office to verify the number of questions (*see Appendix A for phone numbers*).

		# of Questions
Block A	Occupational Skills	14
Task 1	Performs safety-related functions	
Task 2	Uses and maintains tools and equipment	
Task 3	Organizes work	
Task 4	Performs routine trade activities	
Block B	Piping Preparation and Assembly	16
Task 5	Prepares pipe	
Task 6	Joins tube, tubing, pipe and fittings	
Block C	Drainage, Waste, Vents and Sewage Treatment Systems	27
Task 7	Installs sewers	
Task 8	Installs sewage treatment systems	
Task 9	Installs rough-in for interior drainage, waste and vent (DWV) systems	
Block D	Water Service and Distribution	18
Task 10	Installs water services	
Task 11	Installs potable water distribution systems	
Task 12	Installs pressure systems	
Block E	Fixtures, Appliances and Water Treatment Systems	14
Task 13	Installs plumbing fixtures and appliances	
Task 14	Installs water treatment systems	
Block F	Low Pressure Steam and Hydronic Heating and Cooling Systems	12
Task 15	Installs low pressure steam systems	
Task 16	Installs hydronic heating and cooling piping systems	
Task 17	Installs hydronic heating and cooling generating systems and equipment	
Task 18	Installs hydronic system controls and transfer units	
Block G	Specialized Systems	10
Task 19	Installs piping and equipment for specialized systems	
Task 20	Installs fire protection systems (NOT COMMON CORE)	
Task 21	Installs process piping systems	
Block H	Maintenance and Repairs	14
Task 22	Maintains systems and components	
Task 23	Troubleshoots systems and components	
	Total	125

NOA Sub-tasks

The following *NOA Task Profile Checklist* outlines the blocks, tasks and sub-tasks for your trade. The IP Red Seal exam is written to test your knowledge and abilities regarding the sub-tasks in the NOA. This chart can be used to review your current knowledge. You can review by placing a checkmark (✓) next to those you understand fully.

Place your focus on those you do not understand and study them until you are comfortable with the material. Think of possible questions in that particular content area.

The NOA also contains a list of “supporting knowledge and abilities” for each sub-task. They are the skills and knowledge you must have to perform a sub-task. The supporting knowledge and abilities identified under each sub-task will be very helpful as you review. The list can be found in the NOA for your trade.

**Task Profile Checklist
Based on 2010 NOA
Plumber**

Block A: Occupational Skills

Task 1: Performs Safety-Related Functions

Sub-Tasks

- Maintains safe work environment
- Uses personal protection equipment (PPE) and safety equipment
- Handles hazardous materials
- Performs lock-out and tag-out procedures

Task 2: Uses and Maintains Tools and Equipment

Sub-Tasks

- Maintains tools and equipment
- Uses access equipment
- Uses rigging, hoisting and lifting equipment

Task 3: Organizes Work

Sub-Tasks

- Organizes project tasks and procedures
- Organizes materials and supplies

Task 4: Performs Routine Trade Activities

Sub-Tasks

- Performs piping system layout
- Calculates pipe length
- Calculates piping offsets
- Installs piping with adequate support
- Installs sleeves
- Tests piping and plumbing systems
- Commissions systems
- Protects piping systems, equipment and structure from damage
- Coordinates excavation and backfilling of trenches
- Installs fire stopping systems

Block B: Piping Preparation and Assembly

Task 5: Prepares Pipe

Sub-Tasks

- Inspects tube, tubing, pipe and fittings before installation
- Cuts tube, tubing and pipe
- Bends tube, tubing and pipe

Task 6: Joins Tube, Tubing, Pipe and Fittings

Sub-Tasks

- Joins copper pipe
- Joins plastic pipe
- Joins steel pipe
- Joins cast iron pipe
- Joins specialized pipe

Block C: Drainage, Waste, Vents and Sewage Treatment Systems

Task 7: Installs Sewers

Sub-Tasks

- Sizes pipe for sewers
- Installs manholes and catch basins
- Installs piping for sewers

Task 8: Installs Sewage Treatment Systems

Sub-Tasks

- Plans installation of sewage treatment systems
- Installs sewage treatment system components

Task 9: Installs Rough-in for Interior Drainage, Waste and Vent (DWV) Systems

Sub-Tasks

- Sizes pipe for interior drainage, waste and vent (DWV) systems
- Installs underground piping and components for interior drainage, waste and vent (DWV) systems
- Installs piping and components for interior drainage, waste and vent (DWV) systems above-ground

Block D: Water Service and Distribution

Task 10: Installs Water Services

Sub-Tasks

- Sizes pipe for water services
- Installs piping for water services
- Installs water service equipment

Task 11: Installs Potable Water Distribution Systems

Sub-Tasks

- Sizes piping and equipment for potable water distribution systems
- Installs piping for potable water distribution systems
- Installs potable water distribution equipment
- Installs cross-connection control devices

Task 12: Installs Pressure Systems

Sub-Tasks

- Sizes pressure systems
- Installs piping for pressure systems
- Installs equipment and components for pressure systems

Block E: Fixtures, Appliances and Water Treatment Systems

Task 13: Installs Plumbing Fixtures and Appliances

Sub-Tasks

- Installs fixture supports
- Installs plumbing fixtures
- Installs plumbing appliances

Task 14: Installs Water Treatment Systems

Sub-Tasks

- Sizes water treatment equipment
- Installs water treatment equipment

Block F: Low Pressure Steam and Hydronic Heating and Cooling Systems

Task 15: Installs Low Pressure Steam Systems

Sub-Tasks

- Sizes piping and components for low pressure steam systems
- Installs piping and components for low pressure steam systems

Task 16: Installs Hydronic Heating and Cooling Piping Systems

Sub-Tasks

- Sizes piping and components for hydronic systems
- Installs piping for hydronic systems
- Installs hydronic system components

Task 17: Installs Hydronic Heating and Cooling Generating Systems and Equipment

Sub-Tasks

- Installs hydronic heating generating systems
- Installs hydronic cooling generating systems

Task 18: Installs Hydronic System Controls and Transfer Units

Sub-Tasks

- Installs hydronic system controls
- Installs hydronic transfer units

Block G: Specialized Systems

Task 19: Installs Piping and Equipment for Specialized Systems

Sub-Tasks

- Installs piping for specialized systems
- Installs equipment for specialized systems
- Installs piping and equipment for non-potable systems

Task 20: Installs Fire Protection Systems (NOT COMMON CORE)

Sub-Tasks

- Installs piping for standpipe systems (**NOT COMMON CORE**)
- Installs equipment for standpipe systems (**NOT COMMON CORE**)
- Installs fire protection systems for single family dwellings (**NOT COMMON CORE**)
- Installs fire protection systems for industrial, commercial and institutional (ICI) buildings (**NOT COMMON CORE**)

Task 21: Installs Process Piping Systems

Sub-Tasks

- Installs piping for process piping systems
- Installs process piping system equipment

Block H: Maintenance and Repairs

Task 22: Maintains Systems and Components

Sub-Tasks

- Monitors system performance
- Performs maintenance

Task 23: Troubleshoots Systems and Components

Sub-Tasks

- Diagnoses plumbing-related systems and components
- Repairs plumbing-related systems and components

Create a Study Plan

As you prepare for your exam, it is important to plan a schedule. The following two tables will help you stay on track.

The first table is a **“Weekly Study Plan.”** In this table list the areas you will focus your study for each day. You should include items you need to review as well as items you need to study. Remember, more time will be needed for study in areas you find difficult, whereas you may only require review in areas you are more familiar with. As you work through the NOA sub-task list you can start to fill in this table.

The second table is a **“Study Time Table.”** It is important to create a study schedule where you determine the best days of the week and times of day for you to study.

Print several copies of these tables and fill out for each week of study. It is important to stick to your study schedule.

Weekly Study Plan for Week of: _____

	Area of Study 1	Area of Study 2	Area of Study 3	Area of Study 4	Area of Study 5	Area of Study 6
Mon.						
Tues.						
Wed.						
Thu.						
Fri.						
Sat.						
Sun.						

Study Time Table for Week of: _____

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
8:00 AM - 9:00 AM							
9:00 AM - 10:00 AM							
10:00 AM - 11:00 AM							
11:00 AM - 12:00 Noon							
12:00 Noon - 1:00 PM							
1:00 PM - 2:00 PM							
2:00 PM - 3:00 PM							
3:00 PM - 4:00 PM							
4:00 PM - 5:00 PM							
5:00 PM - 6:00 PM							
6:00 PM - 7:00 PM							
7:00 PM - 8:00 PM							

Resources - Websites

Study information can be drawn from a variety of sources. A sample list of study materials (websites and books) is provided below. These and other helpful resources may be found in a local college bookstore, on the internet, or at your place of employment. You may also be able to borrow them from an apprentice or journey person in your trade.

Study Strategies and Exam Preparation Guide

The *Study Strategies & Exam Preparation Guide* is meant to be used in conjunction with this study guide. It provides direction and information on such areas as study habits, test preparation and test taking techniques.

Exam Preparation Guide website: www.aesl.gov.nl.ca/app/publications/exam_prep_guide.pdf

Plan of Training (POT)

A *Provincial Plan of Training* details the full scope of learning for a particular occupation, including both technical training competencies and industry experiences necessary to write an IP Red Seal exam (and complete the requirements for Red Seal Certification), or to write a provincial examination. The Plan of Training is based on the NOA.

POT Website: www.aesl.gov.nl.ca/app/plans.html

Red Seal Website:

National Occupational Analysis - The NOA is a document used for Red Seal trades that describes the knowledge and abilities required by a fully competent tradesperson working in that trade. The content for the IP exam is based on the NOA.

Red Seal Website: www.red-seal.ca

Plumber PRACTICE Exam

This is **NOT** an IP exam. This is a practice exam provided by the Inter-provincial Standards Red Seal program. It was developed using similar question types to that of a Red Seal exam. The exam is intended to be used for self-assessment in preparation for writing an IP Exam.

Sample questions can be found at:

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

Glossary of Terms

The Red Seal website also lists a Glossary of Terms which will be helpful in preparing for your IP exam:

http://www.red-seal.ca/trades/plumbers/2010n.4.1 .1ppb_gl.4ss.1ry-eng.html

Resources – Book List

The books listed below are sorted according to NOA blocks as referenced throughout this study guide. You can use this list to help you obtain information on specific topics. It is not necessary to use these books specifically, as you may find others that will be equally beneficial.

Book	Block A	Block B	Block C	Block D	Block E	Block F	Block G	Block H
Basic Blueprint Reading and Sketching			✓	✓				
IPT Pipe Trades Handbook	✓	✓	✓	✓	✓	✓	✓	✓
National Plumbing Code	✓	✓	✓	✓	✓	✓	✓	✓
Natural Gas and Propane Installation Code							✓	
Mathematics for Plumbers and Pipefitters		✓	✓		✓			
Modern Plumbing	✓	✓	✓	✓	✓	✓	✓	✓
Plumbing Manual of Instruction for the Plumbing Trade	✓	✓	✓	✓	✓	✓	✓	✓
Plumbing Technology Design and Installation	✓	✓	✓	✓	✓	✓	✓	✓
Individual Learning Modules (see information below)	✓	✓	✓	✓	✓	✓	✓	✓

If you wish to obtain any of the resources listed above, here is the reference information:

- Basic Blueprint Reading and Sketching*, Olivio, C.T. and Olivo, P.T., ISBN 0-7668-0841-6
- IPT Pipe Trades Handbook*, ISBN 0929855180
- National Plumbing Code of Canada*, NRCC 47668
- Natural Gas and Propane Installation Code*, CAN/CSA-B149.1-05
- Mathematics for Plumbers and Pipefitters*, 7th Edition, Smith, Lee, ISBN 1-4283-0461-4
- Modern Plumbing*, ISBN 1590703502
- IPT Pipe Trades Handbook*, ISBN 0929855180
- Plumbing Manual of Instruction for the Plumbing Trade*, ISBN 0-7718-8300-5
- Plumbing Technology Design and Installation*, 4th Edition, Smith, Lee ISBN 0-7668-0841-6

Disclaimer

Various external resources (websites, textbooks) have been listed in this study guide to assist an individual in preparing to write an IP Red Seal Exam. This does not mean the Department of Advanced Education, Skills and Labour, Newfoundland and Labrador, endorses the material or that these are recommended as the best resources. There may be other resources of equal or greater value to an individual preparing for an IP Red Seal exam. The Department of Advanced Education, Skills and Labour has no control over the content of external textbooks and websites listed, and no responsibility is assumed for the accuracy of the material.

Conclusion

We hope this guide has provided you with some useful tools as you prepare for your IP Red Seal exam. If you have any questions regarding your IP Red Seal exam please contact your regional office (*see Appendix A for a list of regional offices*).

We appreciate your comments and feedback regarding the usefulness of this study guide. If you have any comments or suggestions, we welcome your feedback. The feedback form at the end of this guide can be used for this purpose.

Appendix A: Regional Offices

If you have any questions regarding your IP Red Seal exam, please contact one of the following regional offices:

Department of Advanced Education, Skills and Labour
Apprenticeship and Trades Certification Division
Toll Free: 1-877-771-3737
www.aesl.gov.nl.ca/app/contact.html

Corner Brook
1-3 Union Street Aylward Building, 2 nd Floor Corner Brook, NL A2H 5M7
Telephone: (709) 637-2366 Facsimile: (709) 637-2519

Grand Falls-Windsor
42 Hardy Avenue Grand Falls-Windsor, NL A2A 2J9
Telephone: (709) 292-4215 Facsimile: (709) 292-4502

Clarenville
45 Tilley's Road Clarenville, NL A5A 1Z4
Telephone: (709) 466-3982 Facsimile: (709) 466-3987

St. John's
P.O. Box 8700 1170 Topsail Road Mount Pearl, NL A1B 4J6
Telephone: (709) 729-2729 Facsimile: (709) 729-5878

Happy Valley – Goose Bay
163 Hamilton River Road Burse Building Happy Valley – Goose Bay, NL A0P 1E0
Telephone: (709) 896-6348 Facsimile: (709) 896-3733

Appendix B: Calculator Use

The picture below shows a calculator with the same functions as the one you will be provided with during your exam. It is advisable to borrow or purchase one with similar functions so that you can familiarize yourself with it before you write your exam.



Appendix C: Answer Sheet Example

With your exam you will be given an answer sheet similar to the one below. When answering multiple choice questions be sure to fill the circle completely and fill the circle that corresponds to the question on the exam.

Dual readhead scanner required to score this sheet

KEY ID
 A B C D

SCORING & PRINTING OPTIONS:
 RESCORE MULTIPLE ANSWER SCORING
 This sheet always uses the "Total Only" scoring option.

1 T F A B C D E
 2 A B C D E
 3 A B C D E
 4 A B C D E
 5 A B C D E
 6 A B C D E
 7 A B C D E
 8 A B C D E
 9 A B C D E
 10 A B C D E
 11 A B C D E
 12 A B C D E
 13 A B C D E
 14 A B C D E
 15 A B C D E
 16 A B C D E
 17 A B C D E
 18 A B C D E
 19 A B C D E
 20 A B C D E
 21 A B C D E
 22 A B C D E
 23 A B C D E
 24 A B C D E
 25 A B C D E

26 T F A B C D E
 27 A B C D E
 28 A B C D E
 29 A B C D E
 30 A B C D E
 31 A B C D E
 32 A B C D E
 33 A B C D E
 34 A B C D E
 35 A B C D E
 36 A B C D E
 37 A B C D E
 38 A B C D E
 39 A B C D E
 40 A B C D E
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 43 A B C D E
 44 A B C D E
 45 A B C D E
 46 A B C D E
 47 A B C D E
 48 A B C D E
 49 A B C D E
 50 A B C D E

51 T F A B C D E
 52 A B C D E
 53 A B C D E
 54 A B C D E
 55 A B C D E
 56 A B C D E
 57 A B C D E
 58 A B C D E
 59 A B C D E
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 61 A B C D E
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 71 A B C D E
 72 A B C D E
 73 A B C D E
 74 A B C D E
 75 A B C D E

76 T F A B C D E
 77 A B C D E
 78 A B C D E
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 83 A B C D E
 84 A B C D E
 85 A B C D E
 86 A B C D E
 87 A B C D E
 88 A B C D E
 89 A B C D E
 90 A B C D E
 91 A B C D E
 92 A B C D E
 93 A B C D E
 94 A B C D E
 95 A B C D E
 96 A B C D E
 97 A B C D E
 98 A B C D E
 99 A B C D E
 100 A B C D E

ANSWER KEY INFO.
 # OF KEYS
 ITEM COUNT

0	0	0	2
1	1	1	3
2	2	2	4
3	3	3	5
4	4	4	6
5	5	5	7
6	6	6	8
7	7	7	9
8	8	8	9
9	9	9	9

PERFORMANCE ASSESSMENT
 % OF TOTAL SCORE
 POINTS EARNED
 (00 = 100%)

0	0	0	0
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9

Bar Code

NUMBER CORRECT
 PERCENT CORRECT
 ROSTER NUMBER
 SCORE
 RESCORE

COMBINED POINTS EARNED
 COMBINED PERCENT CORRECT
 LETTER GRADE
 SCORE
 RESCORE

200 ITEM

MARKING INSTRUCTIONS
 Use a No. 2 Pencil
 Fill oval completely
 Erase cleanly

STUDENT ID NUMBER

0	0	0	0	0	0	0	0	0	0
1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9	9	9

NAME _____
 SUBJECT _____
 PERIOD _____ DATE _____

Feedback Form Study Guide - Plumber

Please answer the following:

- (1) This Study Guide is a useful tool for exam preparation.
 strongly agree agree disagree strongly disagree
- (2) The topics contained in the guide are arranged in a logical order.
 strongly agree agree disagree strongly disagree
- (3) The design and format of the guide caught my attention.
 strongly agree agree disagree strongly disagree
- (4) The instructions throughout the guide are clear and to the point.
 strongly agree agree disagree strongly disagree
- (5) The resources listed in this guide are suitable and valuable.
 strongly agree agree disagree strongly disagree
- (6) The guide should contain more information.
 strongly agree agree disagree strongly disagree

Suggested information/resources to include:

Additional Comments:

Please complete this form and return via fax or mail to the following:

Department of Advanced Education, Skills and Labour
Apprenticeship and Trades Certification Division
Standards and Curriculum Unit
45 Tilley's Road, Clarenville, NL A5A 1Z4
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