



RED SEAL EXAM

SELF-ASSESSMENT GUIDE

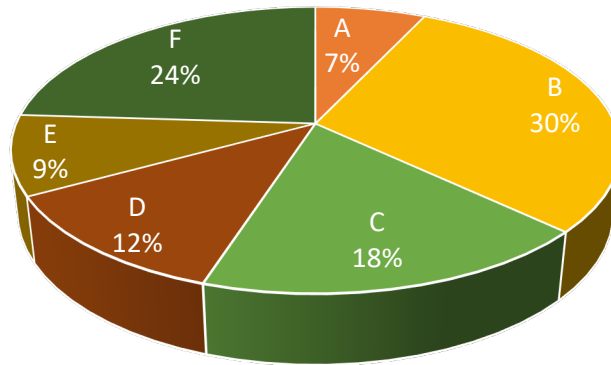
APPLIANCE SERVICE TECHNICIAN



Red Seal Exam Weighting

This pie chart represents the distribution of questions on the Red Seal Exam. The self-assessment on the next pages shows the Tasks and Sub-tasks within each Block and the number of questions assigned to each Block and Task.

The Red Seal Exam for this trade has 120 questions.



	Block / Exam Section	Percentage of Questions	Number of Questions out of 120
A	Occupational Skills	7%	8
B	Electrical and Electronic Systems	30%	36
C	Mechanical Systems	18%	22
D	Water Systems	12%	14
E	Air Systems	9%	11
F	Refrigeration Sealed Systems	24%	29
G	Gas Systems (NOT COMMON CORE)	NCC	0

Breakdown of Red Seal Exam Questions and Self-Assessment

Rate your own understanding and experience with each task. Look at the activities that make up each task and consider your experience with them of them when rating yourself. Be honest!

- **LOW** I have **no or very little understanding or experience** in this activity
- **MEDIUM** I **understand** this activity and have **some experience** doing it in **limited** situations
- **HIGH** I have a **very good understanding** of this activity and am **fully competent** in doing it in **many** situations

This is not intended to accurately predict how you will actually do on the exam – there may be areas where you are over-confident or under-confident. But it should give you an idea of your strengths and weaknesses.

After you rate your own knowledge and experience as **LOW**, **MEDIUM** or **HIGH**, check how many questions there are and write down how many you think you will get correct.

LOW, you may not get many of those questions right.

MEDIUM, you might get some right.

HIGH, you expect to be able to get most of those questions right.

Comparing your scores with the number of questions on the exam will help you identify which areas you need to prepare the most. Add up your scores from each section to get an idea of your overall readiness for the exam.

	● LOW Understanding / Experience	● MEDIUM Understanding / Experience	● HIGH Understanding / Experience	Number of questions on the Red Seal exam	Based on your self-rating, how many of the questions do you think you will get correct?
A - Occupational Skills					
1. Performs safety-related functions 1.01 Maintains safe work environment 1.02 Uses personal protective equipment (PPE) and safety equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	<input type="text"/>
2. Uses and maintains tools and equipment 2.01 Maintains tools and equipment 2.02 Uses soldering and brazing equipment 2.03 Uses recovery equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	<input type="text"/>
3. Organizes work 3.01 Plans daily tasks 3.02 Organizes parts and supplies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	<input type="text"/>
4. Prepares for installation 4.01 Converts gas appliances (NOT COMMON CORE) 4.02 Verifies appliance location 4.03 Verifies water, power, drain and gas connections	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	<input type="text"/>

	● LOW Understanding / Experience	● MEDIUM Understanding / Experience	● HIGH Understanding / Experience	Number of questions on the Red Seal exam	Based on your self-rating, how many of the questions do you think you will get correct?
5. Removes and installs appliances 5.01 Handles appliance 5.02 Disconnects/ reconnects water, power, drain, gas and venting 5.03 Performs final inspection of connections 5.04 Prepares for disposal of appliances and materials	□	□	□	2	
Total number of questions for this section:				8	SUM OF YOUR EXPECTED CORRECT ANSWERS <div style="background-color: #cccccc; height: 20px; width: 100%;"></div>

	● LOW Understanding / Experience	● MEDIUM Understanding / Experience	● HIGH Understanding / Experience	Number of questions on the Red Seal exam	Based on your self-rating, how many of the questions do you think you will get correct?
B - Electrical and Electronic Systems					
6. Diagnoses electrical and electronic components 6.01 Verifies power source 6.02 Inspects electrical and electronic components and circuits 6.03 Tests electrical and electronic components and circuits	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	23	<input type="text"/>
7. Repairs electrical and electronic systems 7.01 Repairs wiring and connectors 7.02 Replaces electrical and electronic components	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	13	<input type="text"/>
Total number of questions for this section:				36	SUM OF YOUR EXPECTED CORRECT ANSWERS <input type="text"/>

	● LOW Understanding / Experience	● MEDIUM Understanding / Experience	● HIGH Understanding / Experience	Number of questions on the Red Seal exam	Based on your self-rating, how many of the questions do you think you will get correct?
C - Mechanical Systems					
8. Diagnoses drive systems 8.01 Inspects drive system components 8.02 Tests drive system components	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6	<input type="text"/>
9. Repairs drive systems 9.01 Repairs drive system components 9.02 Replaces drive system components	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	<input type="text"/>
10. Services cabinets and consoles 10.01 Inspects cabinets and consoles 10.02 Repairs cabinet and console components 10.03 Replaces cabinet and console components	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	<input type="text"/>
11. Diagnoses suspension systems 11.01 Inspects suspension systems 11.02 Tests suspension systems components	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	<input type="text"/>

	● LOW Understanding / Experience	● MEDIUM Understanding / Experience	● HIGH Understanding / Experience	Number of questions on the Red Seal exam	Based on your self-rating, how many of the questions do you think you will get correct?
12. Repairs suspension systems 12.01 Repairs suspension system components 12.02 Replaces suspension system components	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4	<input type="text"/>
Total number of questions for this section:				22	SUM OF YOUR EXPECTED CORRECT ANSWERS <input type="text"/>

	● LOW Understanding / Experience	● MEDIUM Understanding / Experience	● HIGH Understanding / Experience	Number of questions on the Red Seal exam	Based on your self-rating, how many of the questions do you think you will get correct?
D - Water Systems					
13. Diagnoses water systems 13.01 Verifies water supply 13.02 Diagnoses water inlet and discharge components 13.03 Identifies water leaks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7	<input type="text"/>
14. Repairs water systems 14.01 Replaces water system components 14.02 Repairs water system components	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7	<input type="text"/>
Total number of questions for this section:				14	SUM OF YOUR EXPECTED CORRECT ANSWERS <input type="text"/>

	● LOW Understanding / Experience	● MEDIUM Understanding / Experience	● HIGH Understanding / Experience	Number of questions on the Red Seal exam	Based on your self-rating, how many of the questions do you think you will get correct?
E - Air Systems					
15. Diagnoses forced air systems 15.01 Inspects forced air system 15.02 Inspects forced air system components	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	<input type="text"/>
16. Repairs forced air systems 16.01 Clears airways 16.02 Replaces forced air system components	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4	<input type="text"/>
17. Services static air systems 17.01 Diagnoses static air systems 17.02 Cleans static air systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	<input type="text"/>
Total number of questions for this section:				11	SUM OF YOUR EXPECTED CORRECT ANSWERS <input type="text"/>

	● LOW Understanding / Experience	● MEDIUM Understanding / Experience	● HIGH Understanding / Experience	Number of questions on the Red Seal exam	Based on your self-rating, how many of the questions do you think you will get correct?
F - Refrigeration Sealed Systems					
18. Diagnoses refrigeration sealed systems 18.01 Checks for system leaks 18.02 Checks condenser, evaporator and drier temperatures 18.03 Observes pressure of sealed refrigeration system	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	12	<input type="text"/>
19. Recovers refrigerant 19.01 Assesses type and amount of refrigerant 19.02 Evacuates sealed system to recovery units and recovery bottle	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	<input type="text"/>
20. Repairs refrigeration sealed systems 20.01 Prepares tubing for connections 20.02 Replaces sealed refrigeration system components 20.03 Evacuates system 20.04 Charges system	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	12	<input type="text"/>
					SUM OF YOUR EXPECTED CORRECT ANSWERS
Total number of questions for this section:				29	<input type="text"/>
G - Gas Systems (Not Common Core)					

	● LOW Understanding / Experience	● MEDIUM Understanding / Experience	● HIGH Understanding / Experience	Number of questions on the Red Seal exam	Based on your self-rating, how many of the questions do you think you will get correct?
21. Diagnoses gas system components and supply (NOT COMMON CORE) 21.01 Identifies type of gas (NOT COMMON CORE) 21.02 Assesses flame quality (NOT COMMON CORE) 21.03 Checks ignition system (NOT COMMON CORE) 21.04 Checks for gas leaks (NOT COMMON CORE) 21.05 Verifies gas valve operation (NOT COMMON CORE)	□	□	□	0	
22. Repairs gas system components (NOT COMMON CORE) 22.01 Replaces gas system components (NOT COMMON CORE) 22.02 Repairs gas leaks (NOT COMMON CORE)	□	□	□	0	
Total number of questions for this section:				0	SUM OF YOUR EXPECTED CORRECT ANSWERS

	● LOW Understanding / Experience	● MEDIUM Understanding / Experience	● HIGH Understanding / Experience	Number of questions on the Red Seal exam	Based on your self-rating, how many of the questions do you think you will get correct?
Now, add up the totals you gave yourself for each section.				TOTAL NUMBER OF QUESTIONS 120	MY EXPECTED TOTAL <input type="text"/>

Interpreting your Self-Assessment

What score did you give yourself?

Divide it by the number of questions to get a percentage.

The passing mark for the Red Seal exam is 70%. If you rated yourself higher than that overall, you feel pretty confident that your experience and knowledge in the trade are good enough for a pass. However, remember that this self-assessment is just a guide. We still encourage you to develop a study plan and to consider the areas where you rated yourself as less confident.

If your overall score is less than 70%, you might have more work to do. Look more closely at your scores section by section. What are the areas where you have the most to gain?

Look over the Red Seal Exam Preparation Guide for more advice.