



RED SEAL EXAM

SELF-ASSESSMENT GUIDE

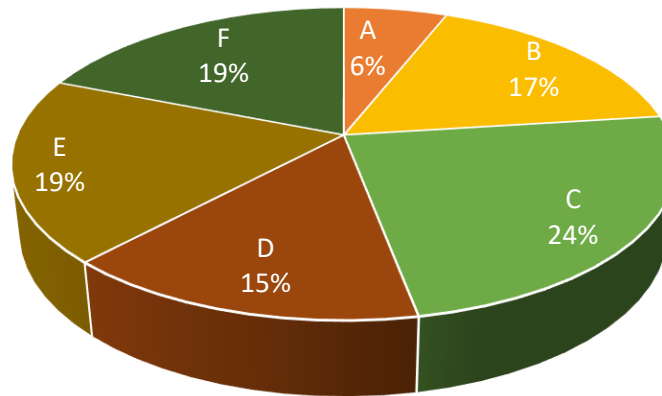
OIL HEAT SYSTEM TECHNICIAN



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 110 questions.



	Block / Exam Section	Percentage of Questions	Number of Questions out of 110
A	Common Occupational Skills	6%	7
B	Fuel Supply and Storage Systems	17%	18
C	Oil-Fired Heating Systems	24%	27
D	Venting, Combustion Air and Make-up Air	15%	17
E	Electrical/Electronic Systems	19%	21
F	Maintenance, Diagnosis, Repair and Removal	19%	20

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 – Common Occupational Skills					
1. Uses tools and equipment. 1.01 Uses hand tools. 1.02 Uses power tools. 1.03 Uses powder-actuated tools. (NOT COMMON CORE) 1.04 Uses measuring and testing equipment. 1.05 Uses hoisting, lifting and rigging equipment. 1.06 Uses ladders and platforms. 1.07 Uses soldering, flaring and threading tools. 1.08 Uses personal protective equipment (PPE) and safety equipment.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4	

	● 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?
2. Organizes work. 2.01 Communicates with others. 2.02 Maintains clean and safe work environment. 2.03 Interprets codes and documentation. 2.04 Completes documentation. 2.05 Interprets drawings. 2.06 Performs basic distribution layout. 2.07 Organizes material and components. 2.08 Commissions appliances and components.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	<input type="text"/>
Total number of questions for this section:				7	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?
B – Fuel Supply and Storage Systems					
3. Installs fuel storage tanks. 3.01 Selects fuel storage tanks. 3.02 Determines fuel storage tank location. 3.03 Prepares location for fuel storage tanks. 3.04 Positions fuel storage tanks. 3.05 Installs fuel storage tank components. 3.06 Installs fill and vent pipes.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8	<input type="text"/>
4. Installs fuel supply system. 4.01 Selects fuel supply components. 4.02 Installs fuel supply components.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10	<input type="text"/>
Total number of questions for this section:				18	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 – Oil-Fired Heating Systems					
5. Installs and retrofits oil-fired and wood/oil appliances and components. 5.01 Selects appliances. 5.02 Positions appliances. 5.03 Installs components on appliance. 5.04 Connects fuel supply to appliance. 5.05 Connects electrical supply to appliance. 5.06 Connects vent/exhaust piping to appliance. 5.07 Installs dump zones for wood/oil systems. 5.08 Connects drain to appliance.	□	□	□	5	
6. Installs forced-air heating systems. 6.01 Assembles ductwork. 6.02 Installs ductwork.	□	□	□	9	

	● 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?
7. Installs hydronic heating systems. 7.01 Assembles boilers. 7.02 Installs hydronic distribution system. 7.03 Installs indirect water. 7.04 Installs oil-fired water heater. 7.05 Installs hydronic heating system components.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	13	
Total number of questions for this section:				27	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?
D – Venting, Combustion Air and Make-up Air					
8. Installs venting systems. 8.01 Selects venting system. 8.02 Prepares locations for termination. 8.03 Installs venting components. 8.04 Secures venting system to structure.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9	
9. Installs equipment and components for combustion air and make-up air. 9.01 Selects equipment and components. 9.02 Prepares location for equipment and components for combustion air and make-up air. 9.03 Assembles equipment and components. 9.04 Secures equipment and components to structure.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8	
Total number of questions for this section:				17	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?
E – Electrical/ Electronic Systems					
10. Installs electrical and electronic systems. 10.01 Selects controls and components. 10.02 Selects location of controls and components. 10.03 Installs controls and components.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10	<input type="text"/>
11. Tests electrical and electronic systems. 11.01 Cycles appliance controls. 11.02 Checks operating and safety controls. 11.03 Checks accessories and components. 11.04 Sets up operating parameters.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	11	<input type="text"/>
Total number of questions for this section:				21	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 – Maintenance, Diagnosis, Repair and Removal					
<p>12. Maintains oil-fired heating systems and components.</p> <p>12.01 Checks oil-fired heating system and components.</p> <p>12.02 Cleans components.</p> <p>12.03 Changes preventative maintenance components.</p> <p>12.04 Lubricates moving components.</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4	<input type="text"/>
<p>13. Diagnoses oil-fired heating systems and components.</p> <p>13.01 Checks for electrical problems.</p> <p>13.02 Checks for burner problems.</p> <p>13.03 Checks for distribution problems.</p> <p>13.04 Checks for problems with combustion air and make-up air.</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8	<input type="text"/>
<p>14. Repairs oil-fired heating systems and components.</p> <p>14.01 Corrects electrical problems.</p> <p>14.02 Corrects burner problems.</p> <p>14.03 Corrects distribution problems.</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6	<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?
15. Removes appliances and components. 15.01 Decommissions appliances and components. 15.02 Disposes of waste products.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	<input type="text"/>
Total number of questions for this section:				20	SUM OF YOUR EXPECTED CORRECT ANSWERS <input type="text"/>
Now, add up the totals you gave yourself for each section.				TOTAL NUMBER OF QUESTIONS 110	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.