



RED SEAL EXAM SELF-ASSESSMENT GUIDE

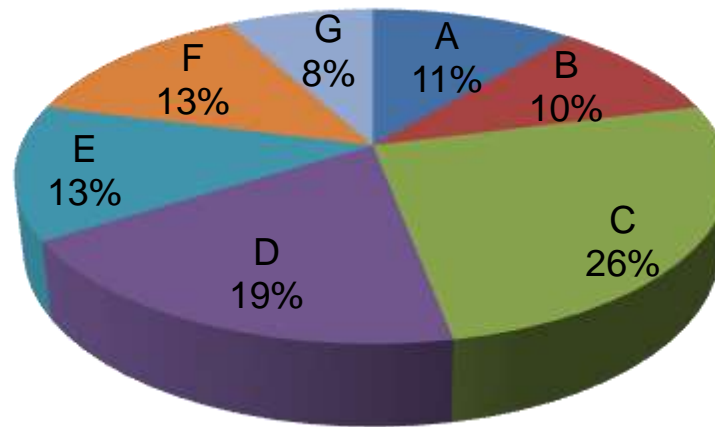
Plumber



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 Major Work Activity and the number of questions assigned to each Major Work Activity and Task.

The Red Seal Exam for this trade has 125 questions.



	Major Work Activity / Exam Section	Percentage of Questions	Number of Questions out of 125
A	Performs common occupational skills	11%	16
B	Prepares and assembles tube, tubing and pipe	10%	13
C	Installs, tests and services sewers, sewage treatment systems and drainage, waste, vents (DWV) systems	26%	31
D	Installs, tests and services water service and distribution	19%	23
E	Installs, tests and services fixtures, appliances and water treatment systems	13%	16
F	Installs, tests and services low-pressure steam and hydronic systems	13%	16
G	Installs, tests and services specialized systems	8%	10

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 – Performs common occupational skills					
Task A-1 Performs safety-related functions A-1.01 Maintains safe work environment A-1.02 Uses personal protective equipment (PPE) and safety equipment A-1.03 Performs lock-out and tag-out (LOTO) procedures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	<input type="text"/>
Task A-2 Uses and maintains tools and equipment A-2.01 Uses common tools and equipment A-2.02 Uses access equipment A-2.03 Uses rigging, hoisting, lifting and positioning equipment A-2.04 Rigs loads for cranes A-2.05 Uses welding equipment A-2.06 Uses soldering and brazing equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4	<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?
Task A-3 Organizes work A-3.01 Organizes project tasks and procedures A-3.02 Organizes materials and supplies A-3.03 Uses documentation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	<input type="text"/>
Task A-4 Performs routine trade activities A-4.01 Plans layout for piping systems A-4.02 Calculates tube, tubing and pipe lengths A-4.03 Installs piping supports A-4.04 Installs piping sleeves A-4.05 Commissions systems A-4.06 Protects piping systems, equipment and structure from damage A-4.07 Coordinates excavation and backfilling of trenches A-4.08 Installs fire stopping devices and materials	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	<input type="text"/>
Task A-5 Uses communication and mentoring techniques A-5.01 Uses communication techniques A-5.02 Uses mentoring techniques	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	<input type="text"/>
Total number of questions for this section:				16	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?
B – Prepares and assembles tube, tubing and pipe					
Task B-6 Prepares tube, tubing and pipe B-6.01 Inspects tube, tubing, pipe and fittings before installation B-6.02 Cuts tube, tubing and pipe B-6.03 Bends tube, tubing and pipe B-6.04 Prepares tube, tubing and pipe connections	□	□	□	6	_____
Task B-7 Joins tube, tubing and pipe B-7.01 Joins copper tube, tubing and pipe B-7.02 Joins plastic tube, tubing and pipe B-7.03 Joins steel tube, tubing and pipe B-7.04 Joins cast iron pipe B-7.05 Joins specialized tube, tubing and pipe	□	□	□	7	_____
Total number of questions for this section:				13	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?
C – Installs, tests and services sewers, sewage treatment systems and drainage, waste and vent (DWV) systems					
Task C-8 Installs, tests and services sewers C-8.01 Plans layout and sizes piping for sewers C-8.02 Installs maintenance holes and catch basins C-8.03 Installs piping for sewers C-8.04 Tests maintenance holes, catch basins and piping for sewers C-8.05 Services maintenance holes, catch basins and piping for sewers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6	<input type="text"/>
Task C-9 Installs, tests and services sewage treatment systems C-9.01 Plans installation of sewage treatment systems C-9.02 Installs components for sewage treatment systems C-9.03 Tests sewage treatment systems C-9.04 Services sewage treatment systems	<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?
Task C-10 Installs, tests and services interior drainage, waste and vent (DWV) systems C-10.01 Plans layout and sizes piping for interior drainage, waste and vent (DWV) systems C-10.02 Installs underground piping and components for interior drainage, waste and vent (DWV) systems C-10.03 Installs above-ground piping and components for interior drainage, waste and vent (DWV) systems C-10.04 Tests interior drainage, waste and vent (DWV) systems C-10.05 Services interior drainage, waste and vent (DWV) systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	20	
Total number of questions for this section:				31	SUM OF YOUR EXPECTED CORRECT ANSWERS <div style="background-color: #e0e0e0; 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?
D – Installs, tests and services water service and distribution					
Task D-11 Installs, tests and services water service D-11.01 Plans layout and sizes piping and components for water service D-11.02 Installs piping for water service D-11.03 Installs components for water service D-11.04 Tests water service piping and components D-11.05 Services water service piping and components	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	<input type="text"/>
Task D-12 Installs, tests and services potable water distribution systems D-12.01 Plans layout and sizes piping and components for potable water distribution systems D-12.02 Installs piping for potable water distribution systems D-12.03 Installs components for potable water distribution systems D-12.04 Installs cross connection controls D-12.05 Tests potable water distribution systems D-12.06 Services potable water distribution systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	12	<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?
Task D-13 Installs, tests and services private water pressure systems D-13.01 Plans layout and sizes piping and components for private water pressure systems D-13.02 Installs piping for private water pressure systems D-13.03 Installs components for private water pressure systems D-13.04 Tests private water pressure systems D-13.05 Services private water pressure systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6	
Total number of questions for this section:				23	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 – Installs, tests and services fixtures, appliances and water treatment systems					
Task E-14 Installs, tests and services plumbing fixtures and appliances E-14.01 Installs fixture supports E-14.02 Installs plumbing fixtures and appliances E-14.03 Tests plumbing fixtures and appliances E-14.04 Services plumbing fixtures and appliances	□	□	□	10	
Task E-15 Installs, tests and services water treatment systems E-15.01 Sizes water treatment systems E-15.02 Installs water treatment systems E-15.03 Tests water treatment systems E-15.04 Services water treatment systems	□	□	□	6	
Total number of questions for this section:				16	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?
F – Installs, tests and services low-pressure steam and hydronic systems					
Task F-16 Installs, tests and services low-pressure steam systems - Not Common Core F-16.01 Plans layout and sizes piping and components for low-pressure steam systems- Not Common Core F-16.02 Installs piping and components for low-pressure steam systems- Not Common Core F-16.03 Tests low-pressure steam systems- Not Common Core F-16.04 Services low-pressure steam systems- Not Common Core	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0	<input type="text"/>
Task F-17 Installs, tests and services piping and components for hydronic systems F-17.01 Plans layout and sizes piping and components for hydronic systems F-17.02 Installs piping and components for hydronic systems F-17.03 Tests hydronic systems F-17.04 Services hydronic systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9	<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?
Task F-18 Installs, tests and services hydronic heating and cooling equipment F-18.01 Installs hydronic heating equipment F-18.02 Installs hydronic cooling equipment F-18.03 Tests hydronic heating and cooling equipment F-18.04 Services hydronic heating and cooling equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7	
Total number of questions for this section:				16	SUM OF YOUR EXPECTED CORRECT ANSWERS <div style="background-color: #e0e0e0; 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?
G – Installs, tests and services specialized systems					
Task G-19 Installs, tests and services process piping systems G-19.01 Plans layout and sizes piping and components for process piping systems G-19.02 Installs piping for process piping systems G-19.03 Installs components for process piping systems G-19.04 Tests process piping systems G-19.05 Services process piping systems	□	□	□	5	
Task G-20 Installs, tests and services potable water fire protection systems - Not Common Core G-20.01 Plans layout and sizes piping for potable water fire protection systems - Not Common Core G-20.02 Installs potable water fire protection systems - Not Common Core G-20.03 Tests potable water fire protection systems - Not Common Core G-20.04 Services potable water fire protection systems – Not Common Core	□	□	□	0	

	● 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?
Task G-21 Installs, tests and services other specialized systems G-21.01 Plans layout and sizes piping, components and equipment for other specialized systems G-21.02 Installs piping and components for other specialized systems G-21.03 Installs equipment for other specialized systems G-21.04 Tests other specialized systems G-21.05 Services other specialized systems	□	□	□	5	
Total number of questions for this section:				10	SUM OF YOUR EXPECTED CORRECT ANSWERS □
Now, add up the totals you gave yourself for each section.				TOTAL NUMBER OF QUESTIONS 125	MY EXPECTED TOTAL □

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.