



RED SEAL EXAM

SELF-ASSESSMENT GUIDE

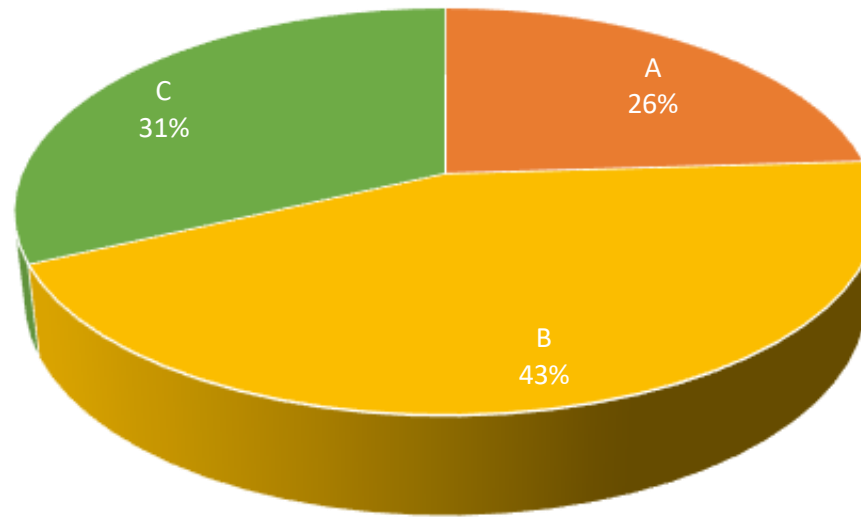
METAL FABRICATOR (FITTER)



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 130 questions.



	Major Work Activity / Exam Section	Percentage of Questions	Number of Questions out of 130
A	Performs common occupational skills	26%	34
B	Fabricates components	43%	56
C	Assembles components	31%	40

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					
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"/>	6	<hr/>
2. Uses and maintains tools and equipment 2.01 Uses hand, power, layout and measuring tools and equipment 2.02 Uses stationary machinery 2.03 Maintains cutting and welding equipment 2.04 Uses access equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6	<hr/>
3. Organizes work 3.01 Interprets plans, drawings and specifications 3.02 Organizes project tasks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6	<hr/>

	● 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?
4. Performs quality assurance throughout fabrication and assembly process 4.01 Performs visual inspections 4.02 Verifies measurements, welds and layout 4.03 Tracks materials and parts for traceability	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7	
5. Handles materials 5.01 Organizes material 5.02 Determines weights 5.03 Applies rigging practices 5.04 Operates material handling equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6	
6. Uses communication and mentoring techniques 6.01 Uses communication techniques 6.02 Uses mentoring techniques	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	
Total number of questions for this section:				34	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 – Fabricates components					
7. Performs layout 7.01 Performs pattern development 7.02 Calculates material allowances for various processes 7.03 Determines dimensions 7.04 Transfers dimensions 7.05 Makes templates	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	24	<hr style="border: 1px solid black; background-color: #e0e0e0; width: 100%;"/>
8. Cuts materials 8.01 Cuts material using plasma cutting equipment 8.02 Cuts material using oxy-fuel cutting equipment 8.03 Cuts material using shears 8.04 Cuts material using saws 8.05 Cuts material using ironworkers 8.06 Cuts material using computer numerically controlled (CNC) equipment 8.07 Drills holes 8.08 Cuts threads 8.09 Prepares joints	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	17	<hr style="border: 1px solid black; background-color: #e0e0e0; width: 100%;"/>

	● 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?
9. Forms materials 9.01 Forms materials using plate rollers 9.02 Forms material using shape rollers 9.03 Forms material using conventional and computer numerically controlled (CNC) press brakes 9.04 Forms materials using benders 9.05 Applies heat for forming	□	□	□	15	<input type="text"/>
Total number of questions for this section:				56	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 – Assembles components					
10. Fits and fastens sub-components and components 10.01 Assembles jigs 10.02 Determines sequence for assembly 10.03 Assembles sub-components and components 10.04 Sets fabricated components in place 10.05 Joins components on-site	□	□	□	19	
11. Performs welding activities 11.01 Applies heat prior to tack welding 11.02 Performs tack welding 11.03 Minimizes welding distortions 11.04 Applies welding processes 11.05 Corrects welding distortions	□	□	□	13	

	● 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. Completes project 12.01 Identifies type of finish 12.02 Prepares material for finishing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8	<input type="text"/>
Total number of questions for this section:				40	SUM OF YOUR EXPECTED CORRECT ANSWERS <input type="text"/>
Now, add up the totals you gave yourself for each section.				TOTAL NUMBER OF QUESTIONS 130	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.