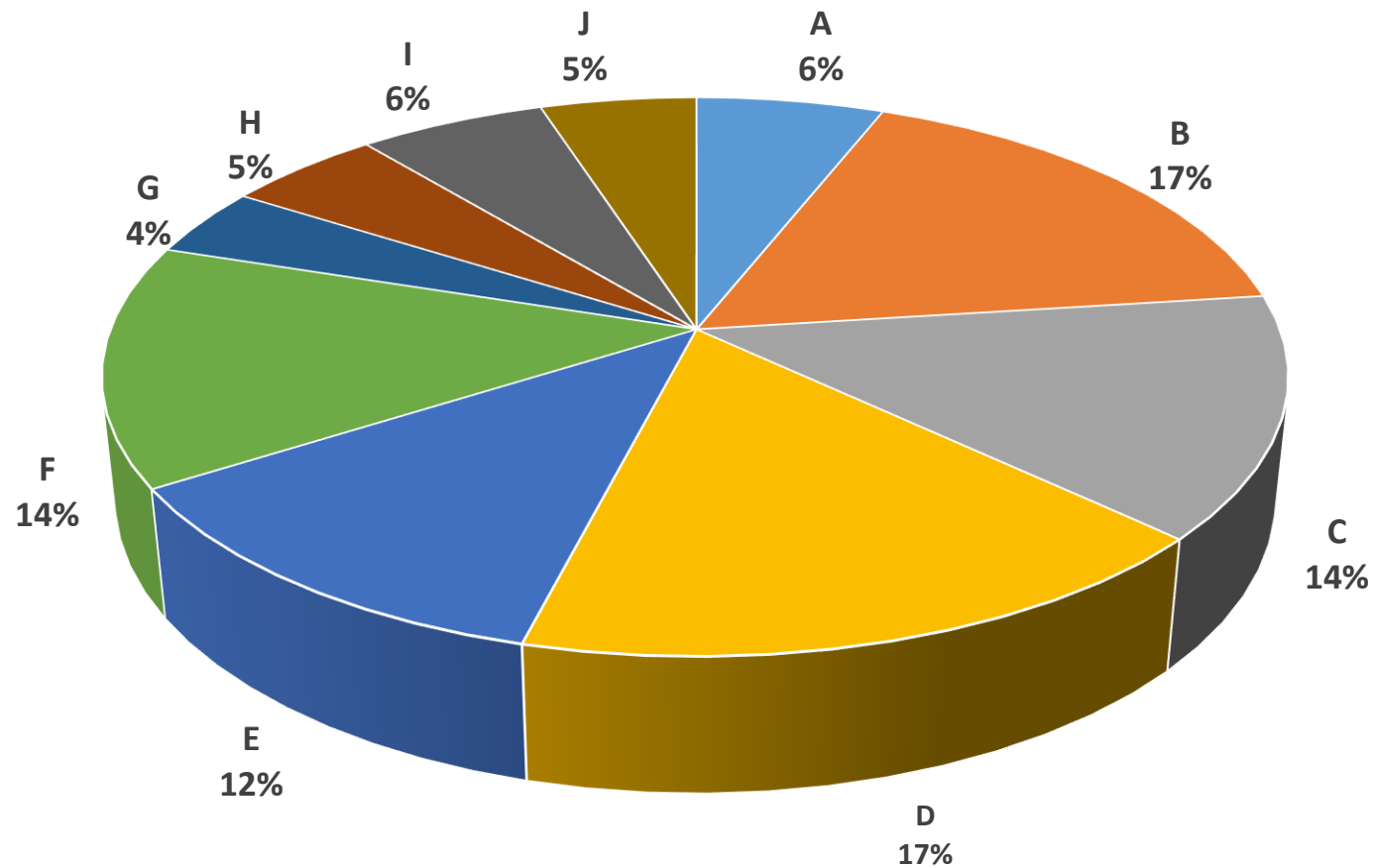# RED SEAL EXAM
SELF-ASSESSMENT GUIDE
TRUCK AND TRANSPORT MECHANIC

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 150 questions.

A 6%
B 17%
C 14%
D 17%
E 12%
F 14%
G 4%
H 5%
I 6%
J 5%

	Block / Exam Section	Percentage of Questions	Number of Questions out of 150
A	Common occupational skills	6%	9
B	Engine and supporting systems	17%	26
C	Air systems and brakes	14%	21
D	Electrical and electronic systems	17%	25
E	Drive train	12%	18
F	Steering, chassis/frames, suspension, wheels, hubs and tires	14%	21
G	Cab	4%	6
H	Trailers	5%	7
I	Climate control	6%	9
J	Hydraulic systems	5%	8

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					
Task 1. Performs safety-related functions 1.01 Maintains safe work environment 1.02 Uses personal protective equipment (PPE) and safety equipment	☐	☐	☐	2	
Task 2. Uses and maintains tools and equipment 2.01 Maintains hand, power, measuring, testing, and diagnostic tools 2.02 Maintains shop equipment 2.03 Uses hoisting and lifting equipment 2.04 Uses welding and cutting equipment	☐	☐	☐	4	
Task 3. Performs routine trade activities 3.01 Uses documentation and reference materials 3.02 Maintains fluids, lubricants, and coolants 3.03 Services hoses, tubing, and fittings 3.04 Services filters 3.05 Services bearings, bushing and seals 3.06 Uses fasteners, sealing devices, adhesives and gaskets	☐	☐	☐	3	
					SUM OF YOUR EXPECTED CORRECT ANSWERS
Total number of questions for this section:				**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?**
B – Engine and supporting systems					
Task 4. Services, diagnoses and repairs base engine 4.01 Services base engine 4.02 Diagnoses base engine 4.03 Repairs base engine	❑	❑	❑	3	
Task 5. Services, diagnoses and repairs lubrication system 5.01 Services lubrication systems 5.02 Diagnoses lubrication systems 5.03 Repairs lubrication systems	❑	❑	❑	3	
Task 6. Services, diagnoses and repairs intake and exhaust systems 6.01 Services intake and exhaust systems 6.02 Diagnoses intake and exhaust systems 6.03 Repairs intake and exhaust systems	❑	❑	❑	3	

	● 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 7. Services, diagnoses and repairs engine management system 7.01 Services engine management system 7.02 Diagnoses engine management system 7.03 Repairs engine management system	☐	☐	☐	4	
Task 8. Services, diagnoses and repairs fuel delivery system 8.01 Services fuel delivery system 8.02 Diagnoses fuel delivery system 8.03 Repairs fuel delivery system	☐	☐	☐	4	
Task 9. Services, diagnoses and repairs emission systems for diesel engines 9.01 Services emission systems for diesel engines 9.02 Diagnoses emission systems for diesel engines 9.03 Repairs emission systems for diesel engines	☐	☐	☐	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?

Task 10. Services, diagnoses and repairs engine retarder systems
    10.01 Services and repairs engine retarder systems
    10.02 Diagnoses engine retarder systems
	☐	☐	☐	2	

Task 11. Services, diagnoses, and repairs cooling system
    11.01 Services cooling system
    11.02 Diagnoses cooling system
    11.03 Repairs cooling system
	☐	☐	☐	3	

Total number of questions for this section:				26	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 – Air systems and brakes					

Task 12. Services, diagnoses and repairs air systems
    12.01 Services air systems
    12.02 Diagnoses air systems
    12.03 Repairs air systems
	☐	☐	☐	10	

Task 13. Services, diagnoses and repairs brake systems
    13.01 Services brake systems
    13.02 Diagnoses brake systems
    13.03 Repairs brake systems
	☐	☐	☐	11	

					SUM OF YOUR EXPECTED CORRECT ANSWERS
Total number of questions for this section:				**21**	

	● 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 – Electrical and electronic systems					

Task 14. Services, diagnoses and repairs batteries
    14.01 Performs servicing and repair of batteries
    14.02 Diagnoses batteries
	☐	☐	☐	3	

Task 15. Services, diagnoses and repairs charging systems
    15.01 Services charging systems
    15.02 Diagnoses charging systems
    15.03 Repairs charging systems
	☐	☐	☐	4	

Task 16. Services, diagnoses and repairs spark ignition systems
    16.01 Performs servicing and repair of spark ignition systems
    16.02 Diagnose spark ignition systems
	☐	☐	☐	2	

	● 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 17. Services, diagnoses and repairs starting systems
    17.01 Performs servicing and repairs of starting systems
    17.02 Diagnoses starting systems
	☐	☐	☐	4	

Task 18. Services, diagnoses and repairs electrical components and accessories
    18.01 Performs servicing and repair of electrical components and accessories
    18.02 Diagnoses electrical components and accessories
	☐	☐	☐	6	

Task 19. Services, diagnoses and repairs vehicle management systems and electronic components
    19.01 Services vehicle management systems and electronic components
    19.02 Diagnoses vehicle management systems and electronic components
    19.03 Repairs vehicle management systems and electronic components
	☐	☐	☐	6	

Total number of questions for this section:				25	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 – Drive train					
Task 20. Services, diagnoses and repairs clutches 20.01 Services clutches 20.02 Diagnoses clutches 20.03 Repairs clutches	☐	☐	☐	3	
Task 21. Services, diagnoses and repairs manual transmission and transfer cases 21.01 Services manual transmission and transfer cases 21.02 Diagnoses manual transmission and transfer cases 21.03 Repairs manual transmission and transfer cases	☐	☐	☐	3	
Task 22. Services, diagnoses and repairs automatic transmissions 22.01 Services automatic transmissions 22.02 Diagnoses automatic transmissions 22.03 Repairs automatic transmissions	☐	☐	☐	3	

	● 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 23. Services, diagnoses and repairs automated transmissions
    23.01 Services automated transmissions
    23.02 Diagnoses automated transmissions
    23.03 Repairs automated transmissions
	☐	☐	☐	4	

Task 24. Services, diagnoses and repairs driveline systems
    24.01 Services driveline systems
    24.02 Diagnoses driveline systems
    24.03 Repairs driveline systems
	☐	☐	☐	2	

Task 25. Services, diagnoses and repairs differentials
    25.01 Services differentials
    25.02 Diagnoses differentials
    25.03 Repairs differentials
	☐	☐	☐	2	

	● 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 26. Services, diagnoses and repairs drive train retarders 26.01 Services drive train retarders 26.02 Diagnoses drive train retarders 26.03 Repairs drive train retarders	☐	☐	☐	1	
					SUM OF YOUR EXPECTED CORRECT ANSWERS
Total number of questions for this section:				18	

	● 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 – Steering, chassis/frames, suspension, wheels, hubs and tires					
Task 27. Services, diagnose, and repairs steering systems 27.01 Services steering systems 27.02 Diagnoses steering systems 27.03 Repairs steering systems	☐	☐	☐	5	
Task 28. Services, diagnoses and repairs chassis/frames 28.01 Services, chassis/frames 28.02 Diagnoses chassis/frames 28.03 Repairs chassis/frames	☐	☐	☐	2	
Task 29. Services, diagnoses and repairs suspension 29.01 Services suspension 29.02 Diagnoses suspension 29.03 Repairs suspension	☐	☐	☐	5	

	● 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 30. Services, diagnoses and repairs hitches and couplers 30.01 Services hitches and couplers 30.02 Diagnoses hitches and couplers 30.03 Repairs hitches and couplers	☐	☐	☐	4	
Task 31. Services, diagnoses and repairs tires, wheels and hubs 31.01 Services tires wheels and hubs 31.02 Diagnoses tires, wheels and hubs 31.03 Repairs tires, wheels and hubs	☐	☐	☐	5	
					SUM OF YOUR EXPECTED CORRECT ANSWERS
Total number of questions for this section:				**21**	

	● 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 – Cab					
Task 32. Services, diagnoses and repairs interior cab components 32.01 Services interior cab components 32.02 Diagnoses interior cab components 32.03 Repairs interior cab components	☐	☐	☐	3	
Task 33. Services, diagnoses and repairs exterior cab components 33.01 Services exterior cab components 33.02 Diagnoses exterior cab components 33.03 Repairs exterior cab components	☐	☐	☐	3	
Total number of questions for this section:				6	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?**
H – Trailers					
Task 34. Services, diagnoses and repairs trailer components and accessories 34.01 Services trailer components and accessories 34.02 Diagnoses trailer components and accessories 34.03 Repairs trailer components and accessories	☐	☐	☐	4	
Task 35. Services, diagnoses and repairs heating and refrigeration systems 35.01 Services heating and refrigeration systems 35.02 Diagnoses heating and refrigeration systems 35.03 Repairs heating and refrigeration systems	☐	☐	☐	3	
					SUM OF YOUR EXPECTED CORRECT ANSWERS
Total number of questions for this section:				**7**	

	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?
I – Climate control					

Task 36. Services, diagnoses and repairs heating and ventilation systems
    36.01 Services heating and ventilation systems
    36.02 Diagnoses heating and ventilation systems
    36.03 Repairs, heating and ventilation systems
	☐	☐	☐	4	

Task 37. Services, diagnoses and repairs air conditioning systems
    37.01 Services air conditioning systems
    37.02 Diagnoses air conditioning systems
    37.03 Repairs air conditioning systems
	☐	☐	☐	5	

					SUM OF YOUR EXPECTED CORRECT ANSWERS
Total number of questions for this section:				**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?
J – Hydraulic systems					
Task 38. Services, diagnoses and repairs hydraulic components 38.01 Services hydraulic components 38.02 Diagnoses hydraulic components 38.03 Repairs hydraulic components	❑	❑	❑	8	
Total number of questions for this section:				**8**	SUM OF YOUR EXPECTED CORRECT ANSWERS
Now, add up the totals you gave yourself for each section.				TOTAL NUMBER OF QUESTIONS 150	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.