

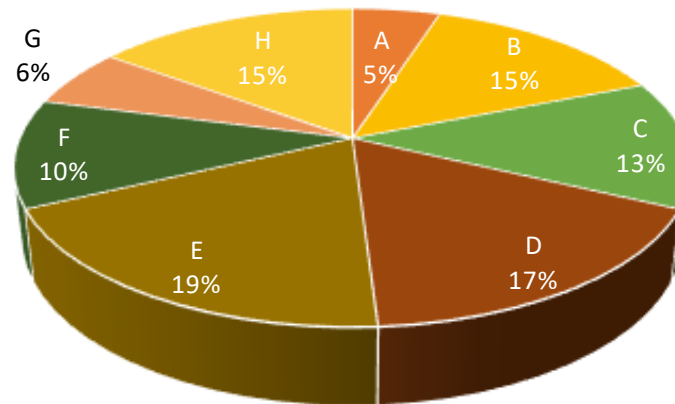
RED SEAL EXAM
SELF-ASSESSMENT GUIDE
AGRICULTURAL EQUIPMENT TECHNICIAN



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 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	5%	6
B	Diagnoses and repairs engines and engine support systems	15%	18
C	Diagnoses and repairs drive trains	13%	16
D	Diagnoses and repairs hydraulic, hydrostatic and pneumatic systems	17%	22
E	Diagnoses and repairs electrical and electronic systems	19%	24
F	Diagnoses and repairs steering, brakes and suspensions	10%	13
G	Diagnoses and repairs structural components and operator stations	6%	8
H	Diagnoses and repairs agricultural equipment	15%	18

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"/>	1	<div></div>
2. Performs routine work practices 2.01 Conducts operational tests 2.02 Maintains fluids, lubricants and coolants 2.03 Services filters 2.04 Maintains hoses, tubing and fittings 2.05 Services bearings, bushings and seals 2.06 Uses fasteners, sealants, adhesives and gaskets 2.07 Cleans components 2.08 Verifies equipment and component repairs 2.09 Performs failure analysis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	<div></div>
3. Organizes work 3.01 Uses documentation 3.02 Plans daily tasks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	<div></div>

	<div>● LOW</div> <div>Understanding / Experience</div>	<div>● MEDIUM</div> <div>Understanding / Experience</div>	<div>● HIGH</div> <div>Understanding / Experience</div>	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. Uses and maintains tools and equipment 4.01 Uses tools and equipment 4.02 Uses hoisting, lifting and securing equipment 4.03 Uses electronic devices and systems for diagnostics and programming	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	<div></div>
5. Uses communication and mentoring techniques 5.01 Uses communication techniques 5.02 Uses mentoring techniques	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0	<div></div>
Total number of questions for this section:				6	<div>SUM OF YOUR EXPECTED CORRECT ANSWERS</div> <div></div>

	<div>● LOW Understanding / Experience</div>	<div>● MEDIUM Understanding / Experience</div>	<div>● HIGH Understanding / Experience</div>	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 - Diagnoses and repairs engines and engine support systems					
6. Diagnoses engine and engine support systems 6.01 Diagnoses base engines 6.02 Diagnoses lubrication systems 6.03 Diagnoses cooling systems 6.04 Diagnoses intake and exhaust systems 6.05 Diagnoses fuel delivery systems 6.06 Diagnoses engine management systems 6.07 Diagnoses emissions control systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	11	<div></div>
7. Repairs engine and engine support systems 7.01 Repairs base engines 7.02 Repairs lubrication systems 7.03 Repairs cooling systems 7.04 Repairs intake and exhaust systems 7.05 Repairs fuel delivery systems 7.06 Repairs engine management systems 7.07 Repairs emissions control systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7	<div></div>
					SUM OF YOUR EXPECTED CORRECT ANSWERS
Total number of questions for this section:				18	<div></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?
C - Diagnoses and repairs drive trains					
8. Diagnoses drive trains 8.01 Diagnoses dry clutches 8.02 Diagnoses driveline systems and components 8.03 Diagnoses wet clutches, transmissions and gear cases 8.04 Diagnoses differentials and final drives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9	
9. Repairs drive trains 9.01 Repairs dry clutches 9.02 Repairs driveline systems and components 9.03 Repairs wet clutches, transmissions and gear cases 9.04 Repairs differentials and final drives	<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>● LOW Understanding / Experience</div>	<div>● MEDIUM Understanding / Experience</div>	<div>● HIGH Understanding / Experience</div>	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 - Diagnoses and repairs hydraulic, hydrostatic and pneumatic systems					
10. Diagnoses hydraulic, hydrostatic and pneumatic systems 10.01 Diagnoses hydraulic and hydrostatic systems 10.02 Diagnoses pneumatic systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	13	
11. Repairs hydraulic, hydrostatic and pneumatic systems 11.01 Repairs hydraulic and hydrostatic systems 11.02 Repairs pneumatic systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9	
Total number of questions for this section:				22	SUM OF YOUR EXPECTED CORRECT ANSWERS <input type="text"/>

	<div>● LOW Understanding / Experience</div>	<div>● MEDIUM Understanding / Experience</div>	<div>● HIGH Understanding / Experience</div>	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 - Diagnoses and repairs electrical and electronic systems					
12. Diagnoses electrical/electronic power and control monitoring systems 12.01 Diagnoses electrical power and control monitoring systems 12.02 Diagnoses electronic power and control monitoring systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	15	
13. Repairs electrical/electronic power and control monitoring systems 13.01 Repairs electrical power and control monitoring systems 13.02 Repairs electronic power and control monitoring systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9	
Total number of questions for this section:				24	SUM OF YOUR EXPECTED CORRECT ANSWERS

	<div>● LOW Understanding / Experience</div>	<div>● MEDIUM Understanding / Experience</div>	<div>● HIGH Understanding / Experience</div>	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 - Diagnoses and repairs steering, brakes and suspensions					
14. Diagnoses steering and brake systems 14.01 Diagnoses steering systems 14.02 Diagnoses brake systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	
15. Repairs steering and brake systems 15.01 Repairs steering systems 15.02 Repairs brake systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4	
16. Diagnoses track, wheel and suspension systems 16.01 Diagnoses track systems 16.02 Diagnoses wheel assemblies 16.03 Diagnoses suspension systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	
17. Repairs track, wheel and suspension systems 17.01 Repairs track systems 17.02 Repairs wheel assemblies 17.03 Repairs suspension systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	
Total number of questions for this section:				13	SUM OF YOUR EXPECTED CORRECT ANSWERS <div></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 - Diagnoses and repairs structural components and operator stations					
18. Diagnoses structural components 18.01 Diagnoses frame components 18.02 Verifies condition of operator protective structures 18.03 Diagnoses equipment body	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	<div></div>
19. Repairs structural components 19.01 Repairs frame components 19.02 Replaces operator protective structures 19.03 Repairs equipment body	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	<div></div>
20. Diagnoses climate control systems 20.01 Diagnoses heating and ventilation systems 20.02 Diagnoses air conditioning systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	<div></div>
21. Repairs climate control systems 21.01 Repairs heating and ventilation systems 21.02 Repairs air conditioning systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	<div></div>
Total number of questions for this section:				8	SUM OF YOUR EXPECTED CORRECT ANSWERS <div></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?
H - Diagnoses and repairs agricultural equipment					
22. Prepares agricultural equipment 22.01 Performs assembly and pre-delivery adjustments on agricultural equipment 22.02 Performs preparation and installation of agricultural equipment 22-03 Installs precision farming equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	<div></div>
23. Diagnoses precision farming equipment 23.01 Diagnoses precision farming equipment on site 23.02 Diagnoses precision farming equipment remotely	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	<div></div>
24. Repairs precision farming equipment 24.01 Repairs precision farming equipment on site 24.02 Repairs precision farming equipment remotely	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	<div></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?
25. Diagnoses land preparation, tillage and seeding/planting equipment 25.01 Diagnoses land preparation and tillage equipment 25.02 Diagnoses seeding and planting equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	
26. Repairs land preparation, tillage and seeding/planting equipment 26.01 Repairs land preparation and tillage equipment 26.02 Repairs seeding and planting equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	
27. Diagnoses harvesting, hay and forage equipment 27.01 Diagnoses cutting, conditioning, gathering and processing equipment 27.02 Diagnoses material handling equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	
28. Repairs harvesting, hay and forage equipment 28.01 Repairs cutting, conditioning, gathering and processing equipment 28.02 Repairs material handling equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	

	<div>● LOW Understanding / Experience</div>	<div>● MEDIUM Understanding / Experience</div>	<div>● HIGH Understanding / Experience</div>	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?
29. Diagnoses application and irrigation equipment 29.01 Diagnoses application equipment 29.02 Diagnoses irrigation equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	
30. Repairs application and irrigation equipment 30.01 Repairs application equipment 30.02 Repairs irrigation equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	
Total number of questions for this section:				18	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.