



RED SEAL EXAM

SELF-ASSESSMENT GUIDE

HEAVY EQUIPMENT OPERATOR

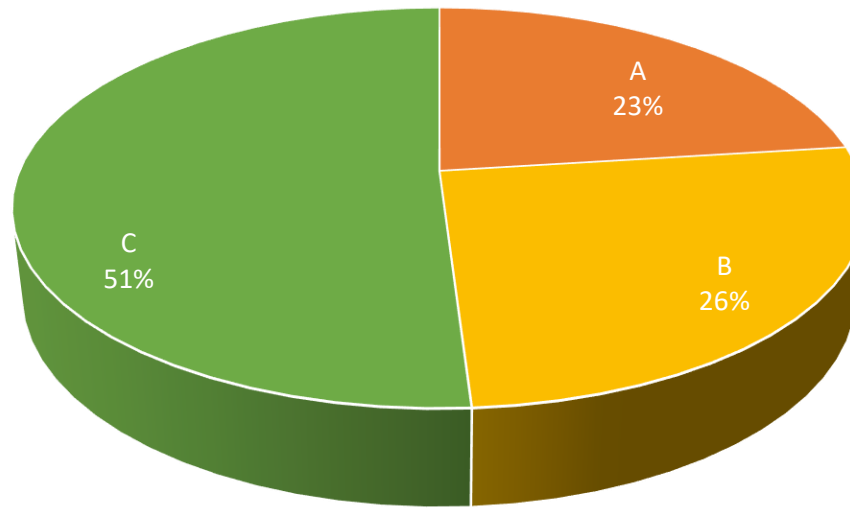
(EXCAVATOR)



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 100 questions.



	Block / Exam Section	Number of Questions out of 100
A	Common Occupational Skills	23
B	Heavy Equipment (Excavator) Inspection and Basic Maintenance	26
C	Heavy Equipment Operator (Excavator) Tasks	51

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 and maintains tools and equipment. 1.01 Maintains hand and power tools. 1.02 Maintains measuring and testing equipment. 1.03 Uses grade checking and tracking instruments. 1.04 Uses rigging and lifting equipment. 1.05 Uses personal protective equipment (PPE) and safety equipment.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6	
2. Maintains safe work environment. 2.01 Assesses potential hazards. 2.02 Plans worksite safety strategies. 2.03 Secures unattended equipment. 2.04 Communicates with others. 2.05 Performs spill control procedures. 2.06 Performs sediment control procedures. 2.07 Handles material.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	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?
3. Organizes work. 3.01 Checks grade. 3.02 Uses documentation. 3.03 Interprets survey indicators and data. 3.04 Determines method of approach.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8	
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?
B - Heavy Equipment (Excavator) Inspection and Basic Maintenance					
4. Performs scheduled maintenance. 4.01 Maintains heavy equipment operator (excavator) station. 4.02 Maintains undercarriage, drive train system, tracks, tires and rims. 4.03 Performs preventative maintenance. 4.04 Performs basic maintenance on attachments.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	14	
5. Performs inspections. 5.01 Performs pre operational inspections. 5.02 Performs post-operational inspections. 5.03 Completes daily equipment logbook.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	12	
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 - Heavy Equipment Operator (Excavator) Tasks					
<p>6. Performs basic heavy equipment operator (excavator) functions.</p> <p>6.01 Maintains control of equipment.</p> <p>6.02 Positions equipment for task.</p> <p>6.03 Monitors performance of equipment.</p> <p>6.04 Trouble-shoots equipment problems.</p> <p>6.05 Installs attachments.</p> <p>6.06 Performs emergency procedures.</p> <p>6.07 Compacts material with attachments. (NOT COMMON CORE)</p> <p>6.08 Performs cut and fill operations.</p> <p>6.09 Clears snow and ice. (NOT COMMON CORE)</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	17	
<p>7. Transports equipment.</p> <p>7.01 Prepares equipment for transportation.</p> <p>7.02 Loads equipment and attachments for transportation.</p> <p>7.03 Assists in securing equipment for transportation.</p> <p>7.04 Unloads equipment and attachments.</p> <p>7.05 Drives equipment on roads.</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	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?
8. Operates excavators. 8.01 Excavates trenches and ditches. 8.02 Backfills trenches and excavations. 8.03 Creates slopes. 8.04 Creates mass excavations. 8.05 Clears land. 8.06 Strips surface material. 8.07 Stockpiles materia. 8.08 Places material. 8.09 Lifts material. 8.10 Loads trucks. 8.11 Performs demolitions.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	27	
Total number of questions for this section:				51	SUM OF YOUR EXPECTED CORRECT ANSWERS
Now, add up the totals you gave yourself for each section.				TOTAL NUMBER OF QUESTIONS 100	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.