



# **RED SEAL EXAM**

# **SELF-ASSESSMENT GUIDE**

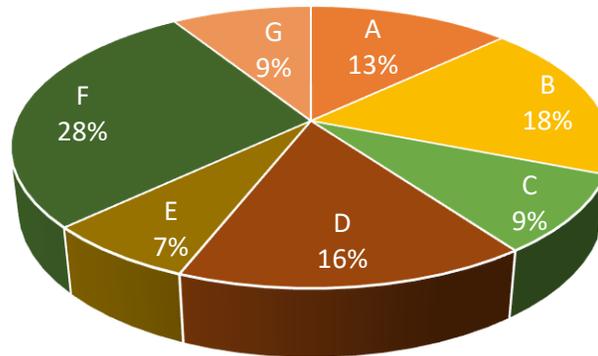
## **IRONWORKER (GENERALIST)**



# 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 120 questions.



	<b>Block / Exam Section</b>	<b>Percentage of Questions</b>	<b>Number of Questions out of 120</b>
A	Occupational Skills	13%	15
B	Rigging and Hoisting	18%	22
C	Cranes	9%	11
D	Reinforcing	16%	19
E	Pre-Stresses/Post-Tensions	7%	8
F	Erection, Assembly and Installation	28%	34
G	Maintenance and Upgrading	9%	11

# 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.

	● <b>LOW</b> Understanding / Experience	● <b>MEDIUM</b> Understanding / Experience	● <b>HIGH</b> 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>A - Occupational Skills</b>					
1. Interprets occupational documentation. 1.01 Interprets drawings and specifications. 1.02 Interprets standards, regulations and procedures.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4	<input type="text"/>
2. Communicates in the workplace. 2.01 Communicates with co-workers. 2.02 Communicates with others. 2.03 Communicates with apprentices. 2.04 Uses hand signals. 2.05 Communicates electronically.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	<input type="text"/>

	● <b>LOW</b> Understanding / Experience	● <b>MEDIUM</b> Understanding / Experience	● <b>HIGH</b> 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. Uses and maintains tools and equipment. 3.01 Uses hand tools and measuring equipment. 3.02 Uses power tools. 3.03 Uses bending tools and equipment. 3.04 Uses powder-actuated tools. 3.05 Uses aerial work platforms. 3.06 Uses ladders. 3.07 Uses scaffolding. 3.08 Uses personal protective equipment (PPE). 3.09 Uses surveying equipment. 3.10 Uses welding equipment. 3.11 Uses thermal and oxy-fuel cutting equipment.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	
4. Organizes work. 4.01 Organizes materials and supplies. 4.02 Marks layouts. 4.03 Maintains safe work environment. 4.04 Assesses site hazards. 4.05 Plans work tasks.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4	
Total number of questions for this section:				<b>15</b>	<b>SUM OF YOUR EXPECTED CORRECT ANSWERS</b>

	● <b>LOW</b> Understanding / Experience	● <b>MEDIUM</b> Understanding / Experience	● <b>HIGH</b> 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>B - Rigging and Hoisting</b>					
5. Selects rigging equipment. 5.01 Matches load to lift capability. 5.02 Inspects rigging equipment. 5.03 Maintains rigging equipment.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10	<input type="text"/>
6. Uses hoisting and lifting equipment. 6.01 Uses hoisting equipment. 6.02 Uses lifting equipment. 6.03 Attaches rigging to load.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	12	<input type="text"/>
Total number of questions for this section:				<b>22</b>	SUM OF YOUR EXPECTED CORRECT ANSWERS <input type="text"/>

	● <b>LOW</b> Understanding / Experience	● <b>MEDIUM</b> Understanding / Experience	● <b>HIGH</b> 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>C - Cranes</b>					
7. Select, assemble and erect cranes and components. 7.01 Assesses crane site limitations. 7.02 Determines crane position. 7.03 Prepares bases. 7.04 Erect crane and components..	□	□	□	7	
8. Disassembles cranes. 8.01 Disassembles crane components. 8.02 Prepares crane and components for transport.	□	□	□	4	
Total number of questions for this section:				<b>11</b>	SUM OF YOUR EXPECTED CORRECT ANSWERS  <div style="background-color: #e0e0e0; height: 20px; width: 100%;"></div>

	● <b>LOW</b> Understanding / Experience	● <b>MEDIUM</b> Understanding / Experience	● <b>HIGH</b> 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>D - Reinforcing</b>					
9. Fabricates on-site. 9.01 Cuts material. 9.02 Bends material.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6	
10. Installs reinforcing material. 10.01 Places reinforcing material. 10.02 Ties material. 10.03 Joins material.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	13	
					SUM OF YOUR EXPECTED CORRECT ANSWERS
Total number of questions for this section:				<b>19</b>	

	● <b>LOW</b> Understanding / Experience	● <b>MEDIUM</b> Understanding / Experience	● <b>HIGH</b> 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>E - Pre-Stresses/Post-Tensions</b>					
11. Places pre-stressed/post-tensioning systems. 11.01 Lays out profile. 11.02 Places tendons and accessories. 11.03 Installs bursting steel and anchorages. 11.04 Connects tendons to anchors. 11.05 Protects exposed tendons.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4	<input type="text"/>
12. Stresses tendons. 12.01 Sets up stressing equipment. 12.02 Tensions tendons. 12.03 Cuts and caps tendons. 12.04 Removes stressing equipment. 12.05 De-stresses tendons.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	<input type="text"/>
13. Grouts tendons. 13.01 Sets up grouting equipment. 13.02 Installs grouts.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	<input type="text"/>
Total number of questions for this section:				<b>8</b>	SUM OF YOUR EXPECTED CORRECT ANSWERS <input type="text"/>

	● <b>LOW</b> Understanding / Experience	● <b>MEDIUM</b> Understanding / Experience	● <b>HIGH</b> 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>F - Erection, Assembly and Installation</b>					
14. Installs primary and secondary structural members. 14.01 Erects falsework. 14.02 Attaches structural members. 14.03 Levels, plumbs and aligns structural members. 14.04 Completes installation of structural members.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	17	
15. Installs ornamental components and systems. 15.01 Installs curtain walls and window walls. 15.02 Installs miscellaneous components.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9	
16. Installs conveyors, machinery and equipment. 16.01 Installs material handling systems. 16.02 Aligns material handling systems. 16.03 Places machinery and equipment.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8	
					SUM OF YOUR EXPECTED CORRECT ANSWERS
Total number of questions for this section:				<b>34</b>	

	● <b>LOW</b> Understanding / Experience	● <b>MEDIUM</b> Understanding / Experience	● <b>HIGH</b> 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>G - Maintenance and Upgrading</b>					
17. Repairs components. 17.01 Assesses current condition of components. 17.02 Field-fabricates components. 17.03 Replaces components. 17.04 Performs preventative maintenance.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	
18. Dismantles and removes structural, mechanical and miscellaneous components. 18.01 Ensures decommissioning of structure or components. 18.02 Plans sequence of disassembly. 18.03 Removes components.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6	
Total number of questions for this section:				<b>11</b>	<b>SUM OF YOUR EXPECTED CORRECT ANSWERS</b>

	● <b>LOW</b> Understanding / Experience	● <b>MEDIUM</b> Understanding / Experience	● <b>HIGH</b> 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?
Now, add up the totals you gave yourself for each section.				TOTAL NUMBER OF QUESTIONS  120	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.