

PROGRAM UPDATE

Issued: March 19, 2024

Trade: MOBILE CRANE OPERATOR

To: SkilledTradesBC Training Providers
Articulation Chair
System Liaison Person
Youth Train in Trades School Districts

Subject: **MOBILE CRANE OPERATOR Interprovincial Exams aligned to the 2021 RSOS will be implemented**

From: SkilledTradesBC Program Standards

Effective Date: May 15, 2024

Summary: Interprovincial (IP) exams aligned to the 2021 **Mobile Crane Operator** Red Seal Occupational Standard (RSOS) will be implemented by SkilledTradesBC as of May 15, 2024. Candidates who write a **Mobile Crane Operator** IP exam on or after will receive an exam aligned to the 2021 RSOS.

IP Table: The IP table can be found on [Mobile Crane Operator | SkilledTradesBC](#) trade page.



Mobile Crane Operator
Inter-provincial examinations – Tasks and related number of questions
Number of questions on each exam - 110

Based on 2021 RSOS

Major Work Activity	Task	Number of Questions
A – PERFORMS COMMON OCCUPATIONAL SKILLS	Task 1 – Performs safety-related functions	4
	Task 2 – Uses communication and mentoring techniques	3
B – PERFORMS HOISTING CALCULATIONS	Task 3 – Determines load weights	6
	Task 4 – Calculates crane capacity	8
	Task 5 – Performs rigging calculations	6
C – INSPECTS AND MAINTAINS CRANE	Task 6 – Performs pre-operational checks and regular inspections	6
	Task 7 – Performs operational and continual checks	5
	Task 8 – Performs minor crane maintenance	3
D – PERFORMS RIGGING	Task 9 – Inspects, maintains and stores slings and hardware	6
	Task 10 – Follows rigging procedures	7
E – PLANS LIFT, PREPARES SITE AND SETS UP CRANE	Task 11 – Performs pre-lift planning	9
	Task 12 – Sets up crane	7
F – ASSEMBLES, DISASSEMBLES AND TRANSPORTS CRANE	Task 13 – Loads and unloads components for transport	3
	Task 14 – Drives cranes and on public roadways	2
	Task 15 – Assembles and disassembles lattice boom cranes	4
	Task 16 – Assembles and disassembles telescopic boom cranes	4
	Task 17 – Assembles and disassembles specialty equipment and attachments	2
G – OPERATES CRANE	Task 18 – Performs common craning operations	5
	Task 19 – Operates friction drive lattice boom cranes	2
	Task 20 – Operates hydraulic drive lattice boom cranes	6
	Task 21 – Operates telescopic boom cranes	5
	Task 22 – Performs specialty craning operations	4
	Task 23 – Secures crane	3
		110

Details: The Interprovincial Red Seal exam is a summative assessment intended to test an apprentice’s trade knowledge gained through both on-the-job experience and technical training. Exam questions are developed by certified trade worker subject matter experts (SMEs) as well as instructors and are intended to reflect trade practices in Canada. The exams are edited, translated, and peer reviewed by additional SMEs before they are implemented. The exams are developed to test the sub-tasks of the most recent Red Seal Occupational Standard.

The **Mobile Crane Operator** 2021 RSOS can be [downloaded here](#).

A comparative analysis of the sub-task changes from the previous standard can be found on the SkilledTradesBC trade page ([Mobile Crane Operator | SkilledTradesBC](#)).

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