

PROGRAM UPDATE

Issued: September 29, 2023

Trade: Agricultural Equipment Technician

To: SkilledTradesBC staff

Subject: **Agricultural Equipment Technician Interprovincial Exams aligned to the 2021 RSOS will be implemented**

From: SkilledTradesBC Program Standards

Effective Date: November 15, 2023

Summary: Interprovincial (IP) exams aligned to the 2021 **Agricultural Equipment Technician** Red Seal Occupational Standard (RSOS) will be implemented by SkilledTradesBC as of November 15, 2023. Candidates who write an Agricultural Equipment Technician IP exam on or after November 15, 2023 will receive an exam aligned to the 2021 RSOS.

Please note that this program is only available for those wishing to challenge certification.

IP Table: The IP table can be found at <https://skilledtradesbc.ca/agricultural-equipment-technician>



Agricultural Equipment Technician

Inter-provincial examinations – Tasks and related number of questions
Number of questions on each exam - 125

Based on 2021 RSOS

Major Work Activity	Task	Number of Questions
A – PERFORMS COMMON OCCUPATIONAL SKILLS	Task 1 - Performs safety-related functions	1
	Task 2 - Performs routine work practices	2
	Task 3 - Organizes work	1
	Task 4 - Uses and maintains tools and equipment	2
	Task 5 - Uses communication and mentoring techniques	0
B –DIAGNOSES AND REPAIRS ENGINES AND ENGINE SUPPORT SYSTEMS	Task 6 - Diagnoses engines and engine support systems	11
	Task 7 - Repairs engines and engine support systems	7
C – DIAGNOSES AND REPAIRS DRIVE TRAINS	Task 8 - Diagnoses drive trains	9
	Task 9 - Repairs drive trains	7
D – DIAGNOSES AND REPAIRS HYDRAULIC, HYDROSTATIC AND PNEUMATIC SYSTEMS	Task 10 - Diagnoses hydraulic, hydrostatic and pneumatic systems	13
	Task 11 - Repairs hydraulic, hydrostatic and pneumatic systems	9
E – DIAGNOSES AND REPAIRS ELECTRICAL AND ELECTRONIC SYSTEMS	Task 12 - Diagnoses electrical/electronic power and control monitoring systems	15
	Task 13 - Repairs electrical/electronic power and control monitoring systems	9
F – DIAGNOSES AND REPAIRS STEERING, BRAKES AND SUSPENSION	Task 14 - Diagnoses steering and brake systems	3
	Task 15 - Repairs steering and brake systems	4
	Task 16 - Diagnoses track, wheel and suspension systems	3
	Task 17 - Repairs track, wheel and suspension systems	3
G – DIAGNOSES AND REPAIRS STRUCTURAL COMPONENTS AND OPERATOR STATIONS	Task 18 - Diagnoses structural components	1
	Task 19 - Repairs structural components	2
	Task 20 - Diagnoses climate control systems	3
	Task 21 - Repairs climate control systems	2
H – DIAGNOSES AND REPAIRS AGRICULTURAL EQUIPMENT	Task 22 - Prepares agricultural equipment	2
	Task 23 - Diagnoses precision farming equipment	2
	Task 24 - Repairs precision farming equipment	1
	Task 25 - Diagnoses land preparation, tillage and seeding/planting equipment	2
	Task 26 - Repairs land preparation, tillage and seeding/planting equipment	2
	Task 27 - Diagnoses harvesting, hay and forage equipment	3
	Task 28 - Repairs harvesting, hay and forage equipment	2
	Task 29 - Diagnoses application and irrigation equipment	2
	Task 30 - Repairs application and irrigation equipment	2

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 Agricultural Equipment Technician 2021 RSOS can be downloaded here: <https://www.red-seal.ca/eng/trades/agriequiptech/overview.shtml>

A comparative analysis of the sub-task changes from the previous standard can be found on the SkilledTradesBC trade page (<https://skilledtradesbc.ca/agricultural-equipment-technician>).

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