

Issued: November 3, 2022

Truck and Transport Mechanic

To: ITA Training Providers
Articulation Chair
System Liaison Person
School Districts ITA Training Providers

Subject: **Implementation of Truck and Transport Mechanic Interprovincial Exams – Aligned to the 2015 National Occupational Analysis**

From: ITA Program Standards

Effective Date: November 18, 2022

Summary: Please be advised that the Interprovincial (IP) exams aligned to the 2015 Truck and Transport Mechanic National Occupational Analysis (NOA) will be implemented as of **November 18, 2022**. Candidates sitting for a Truck and Transport Mechanic IP exam on, or after, **November 18, 2022** will receive a version aligned to the 2015 NOA.

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 industry subject matter experts (SMEs) and trade instructors. The questions are intended to reflect the scope of 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 tasks and sub-tasks laid out in the most recent Red Seal Occupational Standard (RSOS) or National Occupational Analysis (NOA).

The most recent NOA for Truck and Transport Mechanic can be found on the [Red Seal trade page](#).

A breakdown of the Interprovincial Red Seal exams can be found on the [ITA trade page](#).

For more information contact: ITA Program Standards
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Truck and Transport Mechanic – 2015

Inter-provincial examinations – Tasks and related number of questions

Number of questions on each exam – 150

Block	Task	Number of Questions
A – Common Occupational Skills	Task 1 – Performs safety-related functions	2
	Task 2 – Uses and maintains tools and equipment	4
	Task 3 – Performs routine trade activities	3
B – Engine and Supporting Systems	Task 4 – Services, diagnoses and repairs base engine	3
	Task 5 – Services, diagnoses and repairs lubrication system	3
	Task 6 – Services, diagnoses and repairs intake and exhaust systems	3
	Task 7 – Services, diagnoses and repairs engine management system	4
	Task 8 – Services, diagnoses and repairs fuel delivery system	4
	Task 9 – Services, diagnoses and repairs emission systems for diesel engines	4
	Task 10 – Services, diagnoses and repairs engine retarder systems	2
	Task 11 – Services, diagnoses and repairs cooling systems	3
C – Air Systems and Brakes	Task 12 – Services, diagnoses and repairs air systems	10
	Task 13 – Services, diagnoses and repairs brake systems	11
D – Electrical and Electronic Systems	Task 14 – Services, diagnoses and repairs batteries	3
	Task 15 – Services, diagnoses and repairs charging systems	4
	Task 16 – Services, diagnoses and repairs spark ignition systems	2
	Task 17 – Services, diagnoses and repairs starting systems	4
	Task 18 – Services, diagnoses and repairs electrical components and accessories	6
	Task 19 – Services, diagnoses and repairs vehicle management systems and electronic components	6
E – Drive Train	Task 20 – Services, diagnoses and repairs clutches	3
	Task 21 – Services, diagnoses and repairs manual transmission and transfer cases	3
	Task 22 – Services, diagnoses and repairs automatic transmissions	3
	Task 23 – Services, diagnoses and repairs automated transmissions	4
	Task 24 – Services, diagnoses and repairs driveline systems	2
	Task 25 – Services, diagnoses and repairs differentials	2
	Task 26 – Services, diagnoses and repairs drive train retarders	1
F – Steering, Chassis/Frames, Suspension, Wheels, Hubs and Tires		21

	Task 27 – Services, diagnoses and repairs steering systems	5	
	Task 28 – Services, diagnoses and repairs chassis/frames	2	
	Task 29 – Services, diagnoses and repairs suspension	5	
	Task 30 – Services, diagnoses and repairs hitches and couplers	4	
	Task 31 – Services, diagnoses and repairs tires, wheels and hubs	5	
G – Cab			6
	Task 32 – Services, diagnoses and repairs interior cab components	3	
	Task 33 – Services, diagnoses and repairs exterior cab components	3	
H – Trailers			7
	Task 34 – Services, diagnoses and repairs trailer components and accessories	4	
	Task 35 – Services, diagnoses and repairs heating refrigeration systems	3	
I – Climate Control			9
	Task 36 – Services, diagnoses and repairs heating ventilation systems	4	
	Task 37 – Services, diagnoses and repairs air conditioning systems	5	
J – Hydraulic Systems			8
	Task 38 – Services, diagnoses and repairs hydraulic components	8	