

OFFICIAL PROGRAM STANDARDS NOTICE

Issued: February 18, 2026

**Program:** Heavy Duty Equipment Technician

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

**Subject:** Heavy Duty Equipment Technician Interprovincial Exams aligned to the 2023 RSOS will be implemented

**OPSN No:** OPSN 2026 005

**From:** SkilledTradesBC Program Standards

**Effective Date:** March 16, 2026

**Summary:** Interprovincial (IP) exams aligned to the 2023 **Heavy Duty Equipment Technician** Red Seal Occupational Standard (RSOS) will be implemented by SkilledTradesBC as of March 16, 2026. Candidates who write a **Heavy Duty Equipment Technician** IP exam on or after March 16, 2026 will receive an exam aligned to the 2023 RSOS.

**IP Table:** The IP table can be found at [Heavy Duty Equipment Technician | SkilledTradesBC](https://www.skilledtradesbc.ca/heavy-duty-equipment-technician)



**Heavy Duty Equipment Technician**

Inter-provincial examinations – Tasks and related number of questions  
Number of questions on each exam - 135

Based on 2023 RSOS

Major Work Activity	Task	Number of Questions	
A - PERFORMS COMMON OCCUPATIONAL SKILLS	Task 1 - Performs safety-related functions	3	
	Task 2 - Uses and maintains tools and equipment	4	
	Task 3 - Performs routine work practices	3	
	Task 4 - Uses communication and mentoring techniques	0	
		10	
B - SERVICES, DIAGNOSES AND REPAIRS ENGINES AND SUPPORTING SYSTEMS	Task 5 - Services, diagnoses and repairs base engines	3	
	Task 6 - Services, diagnoses and repairs lubrication systems	2	
	Task 7 - Services, diagnoses and repairs intake systems	2	
	Task 8 - Services, diagnoses and repairs exhaust systems	2	
	Task 9 - Services, diagnoses and repairs engine management systems	3	
	Task 10 - Services, diagnoses and repairs fuel delivery systems	3	
	Task 11 - Services, diagnoses and repairs emission control systems	3	
	Task 12 - Services, diagnoses and repairs cooling systems	2	
		20	
	C - SERVICES, DIAGNOSES AND REPAIRS STEERING, SUSPENSION, BRAKE AND UNDERCARRIAGE SYSTEMS, AND WHEEL ASSEMBLIES	Task 13 - Services, diagnoses and repairs steering systems	4
		Task 14 - Services, diagnoses and repairs suspension systems	3
		Task 15 - Services, diagnoses and repairs brake systems	4
Task 16 - Services, diagnoses and repairs undercarriage systems		3	
Task 17 - Services, diagnoses and repairs wheel assemblies		2	
		16	
D - SERVICES, DIAGNOSES AND REPAIRS ELECTRICAL AND ELECTRONIC SYSTEMS	Task 18 - Service, diagnoses and repairs charging systems	5	
	Task 19 - Service, diagnoses and repairs starting systems	4	
	Task 20 - Service, diagnoses and repairs battery systems	4	
	Task 21 - Services, diagnoses and repairs electrical components	6	
	Task 22 - Services, diagnoses and repairs equipment management systems and electronic components	6	
		25	
	E - SERVICES, DIAGNOSES AND REPAIRS DRIVETRAIN SYSTEMS	Task 23 - Services, diagnoses and repairs clutches	1
Task 24 - Services, diagnoses and repairs torque converters, fluid couplers and hydraulic retarders		2	
Task 25 - Services, diagnoses and repairs manual transmissions and transfer cases		2	
Task 26 - Services, diagnoses and repairs automatic and powershift transmissions		4	
Task 27 - Services, diagnoses and repairs driveline systems		2	
Task 28 - Services, diagnoses and repairs drive axles and differentials		3	
Task 29 - Services, diagnoses and repairs final drive systems		3	
		17	
F - SERVICES, DIAGNOSES AND REPAIRS ENVIRONMENTAL CONTROL SYSTEMS		Task 30 - Services, diagnoses and repairs heating systems	3
	Task 31 - Services, diagnoses and repairs ventilation and filtration systems	2	
	Task 32 - Services, diagnoses and repairs air conditioning systems	3	
	Task 33 - Services, diagnoses and repairs sound suppression systems	1	
		9	
G - SERVICES, DIAGNOSES AND REPAIRS HYDRAULIC, HYDROSTATIC AND PNEUMATIC SYSTEMS	Task 34 - Services, diagnoses and repairs hydraulic systems	11	
	Task 35 - Services, diagnoses and repairs hydrostatic systems	9	
	Task 36 - Services, diagnoses and repairs pneumatic systems	5	
		25	
H - SERVICES, DIAGNOSES AND REPAIRS STRUCTURAL COMPONENTS, OPERATOR STATIONS, ATTACHMENTS AND ACCESSORIES	Task 37 - Services, diagnoses and repairs structural components	3	
	Task 38 - Services, diagnoses and repairs operator station components	3	
	Task 39 - Services, diagnoses and repairs attachments and accessories	3	
		9	
I - SERVICES, DIAGNOSES AND REPAIRS HYBRID AND ALL-ELECTRIC EQUIPMENT	Task 40 - Services, diagnoses and repairs hybrid equipment	2	
	Task 41 - Services, diagnoses and repairs all-electric equipment	2	
		4	
		135	

**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 Heavy Duty Equipment Technician 2023 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](#).

**For more information contact:** SkilledTradesBC Program Standards  
[programstandards@skilledtradesbc.ca](mailto:programstandards@skilledtradesbc.ca)

**cc:** SkilledTradesBC Staff