



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	