

Heavy Mechanical Trades Common Core Level 2

STANDARDIZED LEVEL EXAM (SLE) BREAKDOWN

The following table shows the number of questions per General Area of Competency (GAC) and Competency on the *Heavy Mechanical Trades Common Core Level 2 SLE (Truck and Transport Mechanic, Heavy Duty Equipment Technician, and Diesel Engine Mechanic)*.

Number of questions on each exam: 100

Level 2 GAC/Competency	#
D. ELECTRICAL	25
D5. Diagnose and Repair Charging Systems	5
D7. Diagnose and Repair Starting Systems	5
D9. Diagnose and Repair Electrical Components and Systems	3
D10. Diagnose and Repair Electronic Components and Systems	7
D11. Diagnose and Repair Vehicle Management Systems	5
H. ENGINES AND SUPPORTING SYSTEMS	75
H1. Describe Engine Fundamentals	2
H3. Diagnose and Repair Engine Support Systems	4
H5. Diagnose and Repair Diesel Supply Systems	2
H7. Describe Alternative Fuel Systems	1
H8. Diagnose Engines and Components	2
H10. Repair Engines and Components	36
H11. Describe Diesel Fuel Injection Fundamentals	1
H12. Diagnose and Repair Mechanical Fuel Injection Systems	2
H13. Diagnose and Repair Electronic Diesel Fuel Systems	19
H14. Diagnose and Repair Diesel Emissions Systems	4
H15. Diagnose and Repair Engine Brakes	2
Total:	100