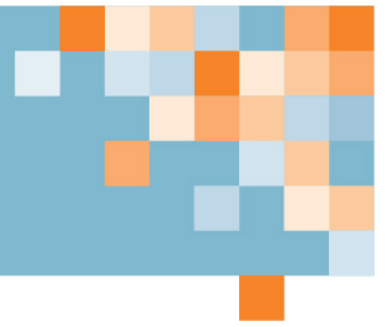


## Heavy Mechanical Trades: Level 1 Exam Weighting Chart

The following table shows the *approximate* percentage of weighting per General Area of Competency represented on the Level 1 Heavy Mechanical Trade Standard Level Exams. Please note that these percentages could possibly change and do not directly correspond to the number of questions per General Area of Competency on the exam.

<b>Level 1 Standard Level Exam</b> (Truck and Transport Mechanic, Transport Trailer Technician, Heavy Duty Equipment Technician, and Diesel Engine Mechanic)	
A. OCCUPATIONAL SKILLS	21%
B. BRAKES	15%
C. HYDRAULICS	14%
D. ELECTRICAL	17%
E. FRAMES, STEERING AND SUSPENSION	12%
F. TRAILER	10%
G. HEATING, VENTILATION AND AIR CONDITIONING	9%
J. STRUCTURAL COMPONENTS AND ACCESSORIES	2%

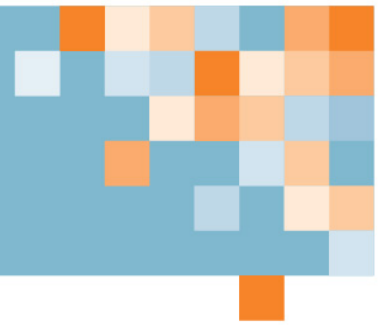


## Heavy Mechanical Trades Level 2

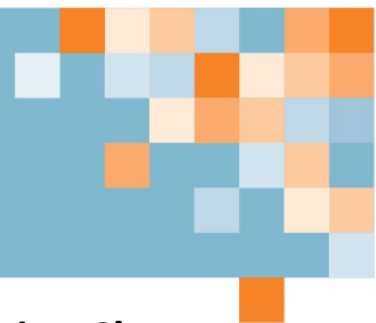
### Exam Weighting Chart

The following table shows the *approximate* percentage of weighting per General Area of Competency represented on the *Heavy Mechanical Trades Level 2* Standard Level Exams. Please note that these percentages could possibly change and do not directly correspond to the number of questions per General Area of Competency on the exam.

<b>Level 2 GAC and Competency</b>	<b>%</b>
<b>D. ELECTRICAL</b>	<b>25%</b>
D5. Diagnose and Repair Charging Systems	5%
D7. Diagnose and Repair Starting Systems	5%
D9. Diagnose and Repair Electrical Component Systems	3%
D10. Diagnose and Repair Electronic Component Systems	7%
D11. Diagnose and Repair Vehicle Management Systems	5%



<b>Level 2 GAC and Competency</b>	<b>%</b>
<b>H. ENGINES AND SUPPORTING SYSTEMS</b>	<b>75%</b>
H1. Describe Engine Fundamentals	2%
H3. Diagnose and Repair Engine Support Systems	4%
H5. Diagnose and Repair Diesel Supply Systems	2%
H7. Diagnose Alternative Fuel Systems	1%
H8. Diagnose Engines and Components	2%
H10. Remove 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%



## Heavy Mechanical Trades: Level 3 Exam Weighting Chart

The following table shows the *approximate* percentage of weighting per Competency represented on the Level 3 Heavy Mechanical Trade Standard Level Exams. Please note that these percentages could possibly change and do not directly correspond to the number of questions per Competency on the exam.

<b>Level 3 Standard Level Exam</b> (Heavy Duty Equipment Technician, and Truck and Transport Mechanic)	
I1. DESCRIBE POWER TRANSFER SYSTEMS	8%
I3. DIAGNOSE AND REPAIR CLUTCHES	9%
I5. DIAGNOSE AND REPAIR MANUAL TRANSMISSIONS	14%
I6. DIAGNOSE AND REPAIR AUTOMATED SYSTEMS	6%
I9. DIAGNOSE AND REPAIR AUTOMATIC TRANSMISSIONS AND TORQUE CONVERTERS	19%
I10. DIAGNOSE AND REPAIR POWER SHIFT TRANSMISSIONS	6%
I12. DIAGNOSE AND REPAIR DRIVELINES	7%
I14. DIAGNOSE AND REPAIR DRIVE AXLES	14%
I16. DIAGNOSE AND REPAIR FINAL DRIVES	6%
I17. DIAGNOSE AND REPAIR DRIVELINE RETARDERS	1%
I18. DIAGNOSE AND REPAIR WINCHES	6%
I19. DIAGNOSE AND REPAIR POWER TAKE OFFS AND TRANSFER CASES	4%