



Transportation, Distribution & Logistics Skill Standards Checklist

| | |
|-----------------|-----------------------------|
| Student Name | YA Student ID Number |
| YA Coordinator | YA Consortium |
| School District | High School Graduation Date |

Certification Areas Completed:

Required Skills - For EACH Unit

Check ✓ completed areas (p. 4)

- Core Skills
- Safety

Logistics/Supply Chain Management (SCM) Pathway- 2 Units per Year (p. 5-9)

- Planning & Purchasing Unit
- Inventory Management & Production Unit
- Storage & Warehousing Unit
- Distribution & Transportation Operations Unit

Mobile Equipment Maintenance Pathway

Auto Collision- 2 Units per Year (p. 10-14)

- Collision Repair Basics Unit – REQUIRED FIRST
- Non-structural Analysis & Repair Unit
- Painting & Refinishing Unit

- Damage Analysis & Electrical Repair Unit

Auto Technician- 1 Unit per Year (p. 15-19)

- General Auto Service Unit – REQUIRED FIRST
- Auto/Light Truck Systems Unit

Diesel Technician- 1 or 2 year program as indicated on Unit Page 20-22

- Diesel Technician Unit

Level One Requirements:

Students must complete ALL listed below

Check ✓ completed areas

- Required Skills
- SEE Pathway for Unit Requirements
- Minimum of 2 semesters related instruction
- Minimum of 450 work hours

Level Two Requirements:

Students must complete ALL listed below

Check ✓ completed areas

- Required Skills for EACH Pathway
- SEE Pathway for Unit Requirements
- Minimum of 4 semesters related instruction
- Minimum of 900 work hours

| Total Hours Employed | Company Name | Telephone Number |
|----------------------|--------------|------------------|
| | | () |
| | | () |

Required Skills

Required of ALL Transportation, Distribution & Logistics YA Students

Copy this page FOR EACH pathway to be completed

| CORE SKILLS | Minimum rating of 2 for EACH Check Rating | | |
|--|--|--------------------------|--------------------------|
| | 1 | 2 | 3 |
| 1. Apply academic knowledge | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Apply career knowledge | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Apply Transportation, Distribution & Logistics industry knowledge | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Communicate effectively | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Act professionally | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Demonstrate customer service skills | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Cooperate with others in a team setting | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. Think critically | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. Exhibit regulatory & ethical responsibilities | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 10. Use resources wisely | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 11. Use basic technology | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

| SAFETY | Minimum rating of 2 for EACH Check Rating | | |
|---|--|--------------------------|--------------------------|
| | 1 | 2 | 3 |
| 1. Follow personal safety requirements | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Maintain a safe work environment | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Demonstrate professional role to be used in an emergency | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Rating Scale:

3 = Exceeds entry level criteria | Requires minimal supervision | Consistently displays this behavior

2 = Meets entry level criteria | Requires some supervision | Often displays this behavior

1 = Needs improvement | Requires much assistance & supervision | Rarely displays behavior

Additional Comments -

Mobile Equipment Maintenance Pathway- Diesel Technician

Types of Engines Serviced:

Level One (one year program) = General Skills + 3 Systems

Level Two (two year program) = General Skills + ALL 6 Systems

PM = Preventive Maintenance

| Diesel Technician Unit | Minimum rating of 2 for EACH Check Rating | | |
|---|---|--------------------------|--------------------------|
| General Skills | 1 | 2 | 3 |
| 1. Obtain & apply basic diesel servicing knowledge | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Operate tools & equipment safely | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Maintain work area | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Assist to process work order | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Research information | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Acquire parts | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Assist to diagnose common concerns & determine action | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. Assist to retrieve, record, interpret diagnostic codes | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Diesel Engine System | | | |
| 9. Perform engine lubrication PM | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 10. Perform oil & filter change | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 11. Perform fuel system checks | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 12. Perform air induction & exhaust PM | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 13. Perform cooling system PM | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 14. Pressure test cooling system | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 15. Assist to bleed cooling system | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 16. Assist to perform engine brake PM | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

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Additional Comments -

Mobile Equipment Maintenance Pathway- Diesel Technician

| Diesel Technician Unit- <i>continued</i> | Minimum rating of 2 for EACH Check Rating | | |
|---|---|--------------------------|--------------------------|
| | 1 | 2 | 3 |
| Cab & Hood System | | | |
| 17. Perform instrument checks | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 18. Perform safety equipment checks | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 19. Perform hardware checks | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 20. Check HVAC operation | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 21. Lubricate grease fittings | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Drive Train System | 1 | 2 | 3 |
| 22. Perform transmission PM | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 23. Change transmission oil & filter | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 24. Perform clutch PM | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 25. Perform drive axle PM | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 26. Change drive axle oil & filter | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 27. Inspect driveshaft | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Electrical/Electronics System | 1 | 2 | 3 |
| 28. Use wiring diagrams | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 29. Properly use a digital mulimeter (DMM) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 30. Perform battery PM | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 31. Perform battery load test | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 32. Determine battery state of charge test | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 33. Jump start a vehicle | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 34. Engage starter | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 35. Perform charging system PM | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 36. Assist to remove & replace alternator | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 37. Perform lighting system PM | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

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Additional Comments -

Mobile Equipment Maintenance Pathway- Diesel Technician

| Diesel Technician Unit- <i>continued</i> | Minimum rating of 2 for EACH Check Rating | | |
|--|---|--------------------------|--------------------------|
| | 1 | 2 | 3 |
| Brakes & Hydraulics System | | | |
| 38. Perform air brake PM | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 39. Perform hydraulic brake PM | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 40. Check ABS & ATC warning lights | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 41. Read & interpret hydraulic system diagrams | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 42. Service filtration/reservoirs (tanks) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 43. Check hoses, fittings, connections | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | |
| Suspension & Steering System | | | |
| 44. Perform suspension & steering PM | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 45. Perform steering linkage PM | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 46. Perform tire checks | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 47. Assist to remove & install steering & drive axle wheel/tire assemblies | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 48. Perform fifth wheel, frame, trailer PM | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

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