

# Vehicle Maintenance Technician III

## Position Details

Class Code: 6102

Job Family: Service/Transportation Workers

Classification: Support Professional

Terms of Employment: [Pay Grade 58 on the Support Professional Salary Schedule](#)

FLSA STATUS: NON-EXEMPT

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## Position Summary

Under general supervision, inspects, troubleshoots, repairs, and overhauls vehicles and heavy-duty equipment. Functions as a lead worker and advisor to Vehicle Maintenance Technicians I/II, Vehicle Service Workers, and other Vehicle Maintenance staff.

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## Essential Duties and Responsibilities

This list of Essential Duties and Responsibilities is not exhaustive and may be supplemented.

1. Operates machinery related to inspecting, repairing, and overhauling vehicles/heavy-duty equipment (i.e., brake lathe, steam cleaners, forklifts, computerized electronic test equipment, trenchers, gang mowers, golf carts, etc.)
2. Inspects and diagnoses vehicle/heavy-duty equipment malfunctions; determines repair method(s).
3. Repairs, overhauls, and inspects vehicles/heavy-duty equipment (i.e., school buses, trucks, tractors, trailers, automobiles, construction equipment, etc.)
4. Diagnoses/repairs air conditioning and refrigeration systems.
5. Repairs/replaces front-end and suspension components, including air ride systems.
6. Overhauls/replaces computer-controlled transmissions, differentials, carburetors, turbochargers, gasoline/diesel engines, alternators, distributors, starters, pumps, air conditioning components, etc.

7. Diagnoses, troubleshoots, and repairs fuel systems, electrical systems (i.e., battery/starter, solar/charging, lighting, dashboard/gauges), antilock brake systems, and cooling systems.
  8. Diagnoses, troubleshoots, and repairs computer-controlled emission control systems (i.e., Selective Catalytic Reduction, Diesel Exhaust Particulate Filters, After-treatment Regeneration Devices, Exhaust Gas Recirculation Systems), and other emission control devices as installed by the original equipment manufacturer (OEM).
  9. Services/repairs integrated safety systems, including fire suppression, Integrated Child restraints, seatbelts, and airbags.
  10. Tunes engines for maximum operational efficiency.
  11. Performs state vehicle emission tests, as required.
  12. Estimates time/materials needed for repairs; records parts/supplies used.
  13. Conducts road tests of repaired vehicles.
  14. Operates tow trucks and performs road service/repair calls, as needed.
  15. Diagnoses and repairs hydraulic systems (i.e., rams, pumps, motors, booms, etc.)
  16. Replaces windows and performs minor body repairs.
  17. Performs minor welding and parts fabrication, as necessary.
  18. Conducts front-end alignments.
  19. Repairs brake systems, including air, hydraulic, and anti-lock systems.
  20. Inspect wheelchair lifts to ensure proper safety restraints and general operation. Diagnoses, adjusts, and repairs hydraulic/electrical components and structural elements to provide safe, smooth, reliable operation. Repairs truck lift gates.
  21. Operates computer terminal to log-in/-out of work order system and document maintenance/repairs performed.
  22. Functions as a lead worker and advisor to all Vehicle Maintenance staff.
  23. Instructs and/or directs Vehicle Maintenance Technicians I/II and other staff, when assigned.
  24. Repairs and maintains auxiliary engines/generators, air suspension systems, and heating systems.
  25. Attends industry continuing education; trains other Vehicle Maintenance staff.
  26. Responsible for the safe handling and disposal of hazardous materials.
  27. Uses computer applications (Microsoft Office, Ron Turley Associates Fleet Management Software (RTA), etc.)
  28. Conforms to safety standards, as prescribed.
  29. Performs other tasks related to the position, as assigned.
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## **Distinguishing Characteristics**

Inspects, troubleshoots, diagnoses, repairs, and overhauls buses, trucks, cars, and other heavy-duty equipment.

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## **Knowledge, Skills, and Abilities (Position Expectations)**

1. Knowledge of repair/overhaul practices and techniques for buses, trucks, cars, and other heavy-duty equipment.
  2. Knowledge of vehicle preventive maintenance techniques.
  3. Knowledge of alternative fuel technologies.
  4. Ability to test/diagnose malfunctions in motor vehicles with complex computerized systems.
  5. Ability to troubleshoot/repair air conditioning, heating, and refrigeration units.
  6. Ability to perform non-certified welding.
  7. Ability to learn to operate a computer and work-related software applications.
  8. Ability to stay current on new products and procedures.
  9. Ability to perform repairs on air, hydraulic, and anti-lock systems.
  10. Ability to interpret manuals and schematics.
  11. Ability to prepare and maintain accurate records.
  12. Ability to work independently.
  13. Ability to meet predetermined deadlines.
  14. Ability to perform strenuous, physical work.
  15. Ability to safely move and relocate heavy objects.
  16. Ability to work flexible hours or shifts.
  17. Ability to work in confined areas.
  18. Ability to withstand heights and perform work safely.
  19. Ability to work cooperatively with employees, Clark County School District staff, other agencies, and the public.
  20. Ability to train and supervise Vehicle Maintenance staff.
  21. Ability to recognize/report hazards and apply safe work methods.
  22. Ability to access, learn, operate, and maintain job-specific software applications.
  23. Possess physical and mental stamina commensurate with the responsibilities of the position.
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# **Position Requirements**

## **Education, Training, and Experience**

1. High school graduation or other equivalent (i.e., General Educational Development (GED), foreign equivalency, etc.)
2. Seven (7) years' professional experience repairing/overhauling buses, trucks, cars, and other heavy-duty equipment; or, Six years' professional experience repairing/overhauling buses, trucks, cars, and other heavy-duty equipment, and one (1) year of formal vehicle mechanic training from an accredited college or vocational/trade school.
3. Extensive experience in electronic vehicle diagnostics/repair using manufacturer software, scanners, and laptops for Caterpillar (CAT), Cummins, Allison, Mercedes, Bendix, Wabco, Parker, General Motors, Chrysler, Ford, and Toyota.
4. Must have own set of tools, sufficient to perform an engine overhaul, at time of hire.
5. Safe driving record.

## **Licenses and Certifications**

1. A valid Class A commercial driver's license (CDL) with required endorsements to operate a school bus in the state of Nevada. CDL must be maintained for the duration of the assignment.
2. Copy of current driving history (dated within six (6) months from the date printed) issued by the Department of Motor Vehicles (DMV) at the time of application or Qualified Selection Pool (QSP) placement and at the time of interview prior to final selection.
3. Air Conditioning/Recovery certification.
4. Hold or be able to obtain District-issued forklift qualification card. If qualification card is not in possession at time of application or QSP request, it must be obtained within five (5) months of hire into position. Qualification card must be maintained for the duration of the assignment.
5. Automotive Service Excellence (ASE) School Bus certification. This certification must be maintained for the duration of the assignment.

## **Preferred Qualifications**

1. Vocational/trade school (technical.)
2. Nevada Emission Control License.
3. Knowledge of alternative fuel vehicles.

**NOTE:** Applicants/employees are subject to all aspects of mandatory drug and/or alcohol testing required by law and District regulations/procedures.

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## **Document(s) Required at Time of Application**

1. High school transcript or other equivalent (i.e., GED, foreign equivalency, etc.)
  2. Copy of a valid Class A CDL with required endorsements to operate a school bus in the state of Nevada, as indicated above.
  3. Copy of current driving history (dated within six (6) months from the date printed) issued by the DMV.
  4. Air Condition/Recovery certification.
  5. Forklift qualification card, if applicable.
  6. ASE School Bus certification.
  7. Specific documented evidence of training and experience to satisfy qualifications.
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## **Examples of Assigned Work Areas**

District facilities, roadside service, parking lots, etc.

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## **Work Environment**

### **Strength**

Medium/heavy - exert force of 50-100 lbs., frequently; 25-50 lbs., occasionally; or 10-20 lbs., constantly.

Grasp/Grip: must have sufficient grasp to maintain steering control of a commercial vehicle. (Federal Motor Carrier Safety Regulations 391 – a person shall not drive a commercial motor vehicle with an impairment of a hand or finger which interferes with prehension or power grasping.)

### **Physical Demand**

Occasional climbing, balancing, lying on back/stomach, and crawling. Frequent sitting, standing, pushing, pulling, bending, twisting, kneeling, stooping, crouching, reaching, handling, repetitive fine motor activities, talking, and hearing. Requires sitting for long periods of time. Walking – up to 500 feet at any one occurrence without rest. Climb steps and curbing constantly. Neck Motion – Continuous neck motion and flexion is performed throughout the work shift. Hearing/Vision – Constant looking and listening to identify hazards and/or emergency vehicles far enough in advance to react. Hearing and speech to communicate in person, via video conference and computers, or over the telephone.

Vision: Frequent near and far acuity, depth perception, focal length change, color vision, and peripheral vision. Vision to read printed and online materials, a Video Display Terminal (VDT) screen, or other monitoring devices.

## **Environmental Conditions**

Varies from a climate-controlled office setting to work outdoors with temperatures ranging from mild/moderate to extreme cold/heat. Exposure to noise levels ranging from moderate to loud for occasional to frequent time periods.

## **Hazards**

Frequent exposure to vehicle fumes and cleaning solvents. Furniture, playground/office equipment, communicable diseases, chemicals and fumes (as related to specific assignment), and power/hand-operated equipment and machinery (as related to specific assignment.)

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## **Examples of Equipment/Supplies Used to Perform Tasks**

District-issued vehicles and construction equipment, forklifts, steam cleaners, pressure and parts washer, engines, stands, lifting hoists, battery chargers, volt and injector testers, engine analyzer, pullers, drill press, brake bleeder, emissions tester, air tools, brake lathes, power/hand tools, computers, printers, etc.

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## **AA/EOE Statement**

The Clark County School District is proud to be an equal opportunity employer. The Clark County School District is committed to providing all applicants and employees equal employment opportunities without regard to race, color, religion, sex, gender identity or expression, sexual orientation, national origin, genetics, disability, age, military status, or other characteristics protected by applicable law. Here at Clark County School District, we are a diverse group of people who honor the differences that drive innovative solutions to meet the needs of our students and employees. We believe that through a culture of inclusivity, we have the power to reflect the community we serve.

## **Job Revision Information**

- Revised: 07/12/23
- Created: 02/26/20