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Exhaust Gas Analyzers

NAC 445B.5049 Connection to state electronic data transmission system. (NRS 445B.785) A test station shall connect its exhaust gas analyzer to the state electronic data transmission system not later than 6 months after the date on which the state electronic data transmission system is activated by the Department. The Department will notify each test station of the date the state electronic data transmission system is activated.

(Added to NAC by Dep't of Motor Veh. & Pub. Safety by R079-98, eff. 9-25-98)

NAC 445B.505 Availability of list of approved analyzers and their specifications. (NRS 445B.210, 445B.770, 445B.785) A list of approved exhaust gas analyzers and specifications for those analyzers will be on file with the Department. A copy of the list and specifications may be obtained by writing to:

Department of Motor Vehicles
Division of Management Services and Programs
555 Wright Way
Carson City, Nevada 89711

[Dep't of Motor Veh., Engine Emission Control Reg. § 4.2.2, eff. 1-10-78]—(NAC A by Environmental Comm'n & Dep't of Motor Veh., 10-1-83; 11-19-85, eff. 1-1-86; 11-23-87, eff. 7-1-88; A by Dep't of Motor Veh. & Pub. Safety, 9-28-88; 8-19-94; 9-13-95; A by Dep't of Motor Veh. by R199-01, 7-17-2003)

NAC 445B.5052 Approved analyzer: Use and equipment; deactivation by Department. (NRS 445B.785)

1. A test station shall use an NV2000 exhaust gas analyzer to perform an inspection of a motor vehicle that is subject to the provisions of NAC 445B.580 or 445B.5805.

2. The Department will not enroll an exhaust gas analyzer for an authorized inspection station or authorized station licensed by the Department on or after July 1, 2006, unless it is an NV2000 exhaust gas analyzer equipped with hardware and software components that are capable of inspecting a motor vehicle containing a certified on-board diagnostic system which uses controller area network communication.

3. On and after September 30, 2006, an authorized inspection station or authorized station shall use an NV2000 exhaust gas analyzer that satisfies the requirements of subsection 2. On and after September 30, 2006, a representative of the Department will deactivate each NV2000 exhaust gas analyzer that is used by an authorized inspection station or authorized station if the gas analyzer does not satisfy the requirements of subsection 2. The Department will not authorize the reactivation of a gas analyzer until the gas analyzer complies with the requirements of subsection 2.

4. The provisions of subsections 2 and 3 are not applicable to a fleet station.

(Added to NAC by Dep't of Motor Veh. & Pub. Safety by R106-00, eff. 12-11-2000; A by Dep't of Motor Veh. by R178-01, 8-21-2002; R050-06, 6-1-2006)

NAC 445B.5055 Revocation of approval of analyzer. (NRS 445B.785) The Department may revoke its approval of an exhaust gas analyzer if the Department:

1. Determines that the analyzer fails to comply with the specifications approved by the Department;

2. Notifies the manufacturer of the analyzer in writing of the facts supporting its determination pursuant to subsection 1; and

3. Provides the manufacturer of the analyzer with an opportunity to prove that the analyzer complies with those specifications.

(Added to NAC by Dep't of Motor Veh. & Pub. Safety, eff. 9-13-95)

NAC 445B.5065 Manufacturer of approved analyzer: Required warranty. (NRS 445B.785)

1. The manufacturer of each exhaust gas analyzer approved by the Department shall provide a written warranty to each purchaser or lessee of the analyzer. The warranty must provide complete coverage of:

(a) Parts and labor for all systems and components of the analyzer; and

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(b) All services provided by the manufacturer pursuant to NAC 445B.5075.

2. The warranty must include the:

- (a) Name of the owner of the test station;
- (b) Address and telephone number of the test station;
- (c) Identification number of the test station; and
- (d) Terms of the warranty.

3. The warranty must extend for at least 4 years with guaranteed renewals provided for at least 2 years at the request of the purchaser or lessee.

(Added to NAC by Dep't of Motor Veh. & Pub. Safety, eff. 7-1-94; A 9-13-95; A by Dep't of Motor Veh. by R199-01, 7-17-2003)

NAC 445B.5075 Manufacturer of approved analyzer: Required services; administrative fine for violations. (NRS 445B.785, 445B.835)

1. The manufacturer of an exhaust gas analyzer approved by the Department, or an authorized representative of the manufacturer, shall provide the services set forth in this section to each person purchasing or leasing one of those analyzers as part of the warranty required pursuant to NAC 445B.5065, and thereafter upon request by the purchaser or lessee at a cost negotiated between the parties.

2. The manufacturer or its authorized representative shall:

(a) Deliver, install, calibrate and verify the proper operating condition of the analyzer.

(b) Train all approved inspectors employed by the test station at the time of installation in the proper use, maintenance and operation of the analyzer, including the procedure for performing a vehicle inspection in this State.

(c) Provide, within 30 days after receiving an oral or written request from the operator of a test station, additional training to an applicant for licensure as a class I approved inspector who is unable to demonstrate to the Department an ability to adjust and operate the equipment in accordance with paragraph (b) of subsection 1 of NAC 445B.485. The manufacturer may charge a fee for providing such additional training.

(d) Provide on-site service calls by a qualified repair technician within 2 business days after receiving an oral or written request from the operator of the test station. The names, toll-free telephone numbers and business addresses of all of the manufacturer's representatives responsible for equipment service in the affected area must be provided to the operator of the test station for this purpose. A service representative of the manufacturer must be available to receive service calls at all times during normal working hours of each day of the week, excluding Sundays and national holidays. Any necessary repairs to an analyzer, replacement of components or adjustments to an analyzer, including the correction and reset of quality control lockout systems, must be accomplished at the test station within 1 day after authorization from the operator of the test station has been obtained to perform the repairs. If it is not possible to complete the work within this time, a temporary replacement analyzer meeting all program requirements of the Department must be provided to the operator of the test station at no additional charge until the malfunctioning analyzer is properly repaired and returned to service.

(e) Provide up to two updates of software as required by the Department, which may include, without limitation:

- (1) Preconditioning procedures and emission testing sequences;
- (2) Various look-up tables;
- (3) Procedures for data communication; and
- (4) Criteria affecting the selection of emission standards, vehicle exemptions, and whether a vehicle passes or fails an emissions test.

↳ Other areas not specifically mentioned may also be required to be updated, but changes are not expected in all noted areas at one time.

(f) Provide major alterations or additions to the hardware or software of the analyzer as may be deemed necessary by the Department in response to a change in requirements of the inspection and maintenance program of this State, a change in vehicle technology or other relevant change. If an update is required, the time for development will be agreed upon by the Department and the manufacturer. If an update of software is required, the time within which the updated software must be developed will be agreed upon by the Department and manufacturer.

3. If the manufacturer of an exhaust gas analyzer violates any provision of subsection 2, the Department may, pursuant to NRS 445B.835, impose an administrative fine of \$1,000. Each day upon which such a violation occurs constitutes a separate violation.

(Added to NAC by Dep't of Motor Veh. & Pub. Safety, eff. 7-1-94; A 9-13-95; A by Dep't of Motor Veh. by R199-01, 7-17-2003)