

§ 7:27B-4.7 Procedures for the visible smoke, indicator light check, and visual fuel leak tests

(a) An inspector conducting a visible smoke test to determine a diesel vehicle's compliance with the inspection requirements at N.J.A.C. 7:27-14.5(d)1 and (e)1 shall perform the test as follows:

1. Place the vehicle in neutral gear with all accessories off and the emergency or parking brake secured;
2. Increase the engine speed to an engine speed greater than the idle mode, and observe the exhaust emissions and crankcase emissions for visible continuous smoke;
3. If there is visible smoke in the exhaust emissions or crankcase emissions for a period in excess of three consecutive seconds, the motor vehicle has failed the smoke test; and
4. If there is no visible smoke in the exhaust emissions or crankcase emissions for a period in excess of three consecutive seconds, the motor vehicle has passed the smoke test.

(b) An inspector conducting an indicator light check test to determine a diesel vehicle's compliance with the inspection requirements at N.J.A.C. 7:27-14.5(d)2 shall perform the test as follows:

1. Determine if the check engine light is functional as follows:
 - i. Turn off the motor vehicle's engine;
 - ii. Turn the motor vehicle ignition system to the KOEO position;
 - iii. If the check engine light is not functional, the motor vehicle has failed the indicator light check test; and
 - iv. If the check engine light is functional and remains illuminated with the engine on, the motor vehicle has failed the inspection;
2. If the vehicle is equipped with a DPF, determine if the DPF is functional as follows:
 - i. If the motor vehicle is in regeneration mode, then the vehicle cannot be inspected;
 - ii. Turn off the motor vehicle's engine;
 - iii. Turn the motor vehicle ignition system to the KOEO position; and
 - iv. If the DPF light is not functional, the motor vehicle has failed the indicator light check test;
3. If the vehicle is equipped with a SCR, determine if the SCR is functional as follows:
 - i. Turn off the motor vehicle's engine;
 - ii. Turn the motor vehicle ignition system to the KOEO position;
 - iii. If the SCR light is not functional, the motor vehicle has failed the indicator light check test;
 - iv. If the DEF tank gauge indicates empty or no fluid, the motor vehicle has failed the inspection.

(c) An inspector conducting a visual fuel leak test to determine a motor vehicle's compliance with the visual fuel leak test requirements at N.J.A.C. 7:27-14.5(d)3 and (e)3 shall examine the fuel system for the presence of any leaking fuel. If any fuel is visibly leaking from the motor vehicle, the motor vehicle has failed the visual fuel leak test.

HISTORY:

Administrative change.

See: 33 N.J.R. 3550(a).

Former N.J.A.C. 7:27B-4.7, Procedures for the IM240 test, recodified to N.J.A.C. 7:27B-5.6.

New Rule, R.2009 d.343, effective November 16, 2009 (operative December 18, 2009).

See: 41 N.J.R. 1606(a), 41 N.J.R. 4195(b).

Section was "Reserved".

Amended by R.2016 d.124, effective October 3, 2016 (operative December 2, 2016).

See: 48 N.J.R. 748(a), 48 N.J.R. 2049(a).

Section was "Procedures for the visible smoke test". In (a), deleted "set forth" following "requirements", and updated the N.J.A.C. reference; and added (b) and (c).