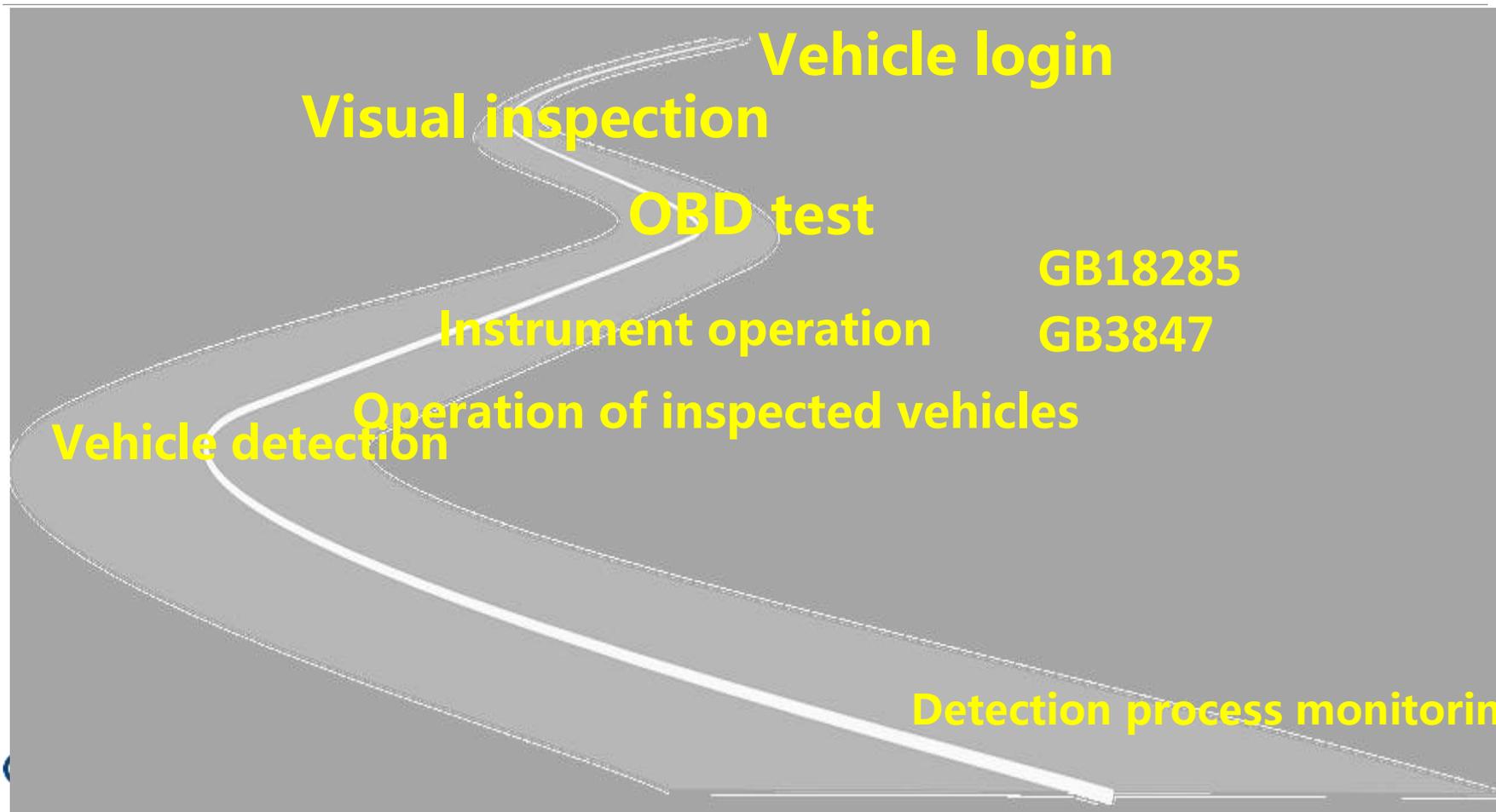


Vehicle Emission Detection Procedure and Method

1. Vehicle login
2. Appearance inspection
3. OBD test
4. Vehicle and instrument operation
5. Detection assistance
6. Vehicle operation
7. Detection process monitoring





1. Vehicle login
2. Visual inspection
3. OBD test
4. Vehicle and Instrument Operation
5. Detection assistance
6. Vehicle operation
7. Detection process monitoring



- 1) Turn on the computer
- 2) Fill in the Vehicle Registration Form
- 3) Input the information and determine detection methods based on vehicle license information
- 4) Vehicles entrusted for examination in different places and copies of registration certificates shall be retained.

1. Vehicle login

2. Appearance inspection

3. OBD test

4. Vehicle and instrument

operation

5. Detection assistance

6. Vehicle operation

7. Detection process

monitoring

- 1) Verify that the contents of the inspection form are in conformity with the vehicle information.
- 2) Inspect the vehicle tyres, engine intake and exhaust systems, cooling systems
- 3) Inspect the vehicle power and transmission systems to be conducted without any damage or leakage.
- 4) Determine vehicle driving mode, disconnect ABS and anti-sideslip (ASR)
- 5) Check the mechanical condition of the vehicle, without any mechanical fault affecting safety or causing test deviation;
- 6) Turn off air conditioning, heating, audio and other ancillary equipment
- 7) Judge the applicable detection methods for the inspected vehicles.



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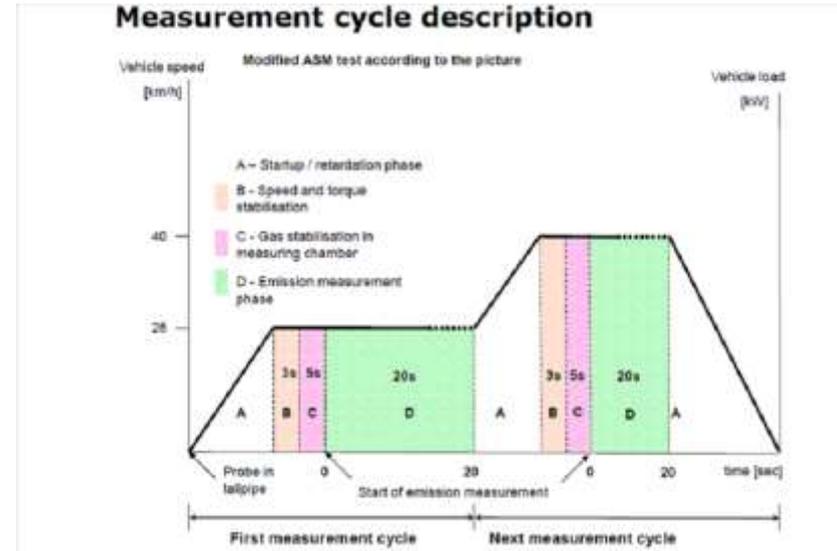


- 1) Connect the OBD diagnostic instrument and place the ignition switch of the tested vehicle on "ON", then the MIL lamp (fault indicator lamp) should be activated and lighted.
- 2) Start the engine and the MIL lamp goes out, which means that the engine is fault-free.
- 3) Normally record the results of OBD examination.
- 4) Check the status information acquired by OBD diagnostic instrument by referring to the MIL lamp display status, if the consistency check is completed.
- 5) Depends whether the vehicle is repaired or not based on the information.

1. Vehicle login
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- 4. Vehicle and instrument operation**
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- 1) Preheat equipment
- 2) Calibrate five-gas analyzer (zero adjustment, sealing test, low flow test)
- 3) Detect vehicle
- 4) Enter the Detection Procedure
- 5) Start testing: After the assistant inserts the sampling probe and auxiliary facilities, Click to start testing. Pay attention to the status of the vehicles under inspection, warn and cut off the power supply in time when abnormal conditions are found.



1. Vehicle login

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3. OBD test

4. Vehicle and instrument

operation

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monitoring

1) Basic operations

- (1) Check the external inspection list and confirm the detection method;
- (2) Accept the instructions from the operator and start the operation according to the driver's assistance screen prompt.
- (3) Slowly drive the car off the bench after the operator gives the instruction when the test is completed.

2) Divide operation procedures according to different detection methods



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- 1) Check the external inspection order
- 2) After the inspected vehicle enters the bench and aligns the position of the vehicle
- 3) Check whether the exhaust pipe leaks or not, so as not to affect the gas recovery of the gas pipeline, resulting in inaccurate data;
- 4) Close the engine cooling device to the intake port of the vehicle engine after the vehicle stops.
- 5) Insert sampling probe, and double exhaust pipe should be inserted into double probe, with insertion depth of 400 mm.
- 6) Connect the tachometer; insert the oil temperature sensor into the oil ruler tube of the engine; and insert the flowmeter casing under the simple transient condition;
- 7) After testing, the probe and flowmeter casing are recovered.

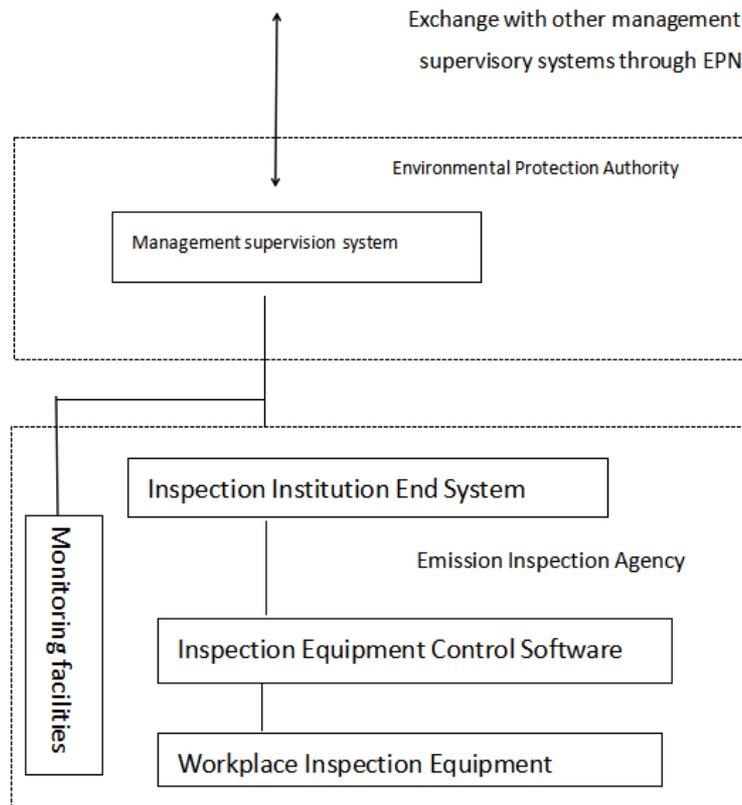


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Vehicle emission inspection management supervision system includes data transmission network and corresponding monitoring facilities, which is used to collect and monitor vehicle emission inspection information software system.

- 1) Inspect Institution End System
- 2) Inspect control.





Thank you for listening!

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