Vehicle Emission Detection System

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Development of detection methods

01 Mixed detection
Emission detection and other detection services are mixed together. Emission test results are not important indicators.

02 Independent business
As an independent business form, emission detection is managed by special departments.

03 Strengthen supervision
Strengthen supervision and management
Build Information System

04 Multi-service convergence
Unified detection cycle
Data Sharing and Mutual Recognition
Collaborative supervision
Closed-loop business model

- Analysis system
- Punishment mechanism
- Video surveillance
- Data supervision
- Inspection institution
- Inspection system
- Vehicle under examination

Supervision and management level
Business execution level
Current industry characteristics

Multi-service convergence. Inspection is convenient, which is convenient for the people and facilitate the people.

Market-oriented development. Enhance industry activity.

Automatic flow inspection. Improve the efficiency of inspection.

New scheme and new technology application. Improve the level of intelligence.
Inspection process

01. Confirm the uniqueness of vehicles and check the law-breaking and rule-breaking information.

02. Verify that the test conditions are met. There are no safety and performance failures affecting detection.

03. Apply for inspection of running water. Upload vehicle information, inspection information, etc.

04. Vehicles enter the detection area. Recognize the vehicle and start the detection automatically. The detection method is selected automatically according to the vehicle. Personnel operation instruction is correctly tested. Carry out real-time monitoring and control on data and video.

05. The test is finished. Summarize data, report data and conclude the test. Audit the system and issue the certification.
Uniqueness Authentication and Network Query

Vehicle management
Traffic management

Supervising management

Document scanning
Identity verification
Information recognition
Illegal inquiries
Regulatory enquiry
Access to running water and information reporting

- Acquisition of Inspection Flow
- Report on Inspection Information
- Preparation for testing
Detection procedure

- Selection of detection methods
- Driving vehicles in place
- Number plate recognition
- Protective measures
- Procedure operation according to system guidance
- Deceleration and stop
- Detection completion
- Release of restrictions and departure
Data aggregation

- Data aggregation
- Platform audit
- Data reporting
- Conclusion issue
Thank you for listening.