

DRIVER AND VEHICLE TESTING TOWARD ACHIEVING SUSTAINABLE ROAD SAFETY



2018

**National Conference of Directors/Chief Road
Traffic Officers of the Federation (VIO), Awka**



Boboye O. Oyeyemi, Ph.D.

MFR,mni,NPoM,FNIM,FCIPM,FCILT

Corps Marshal

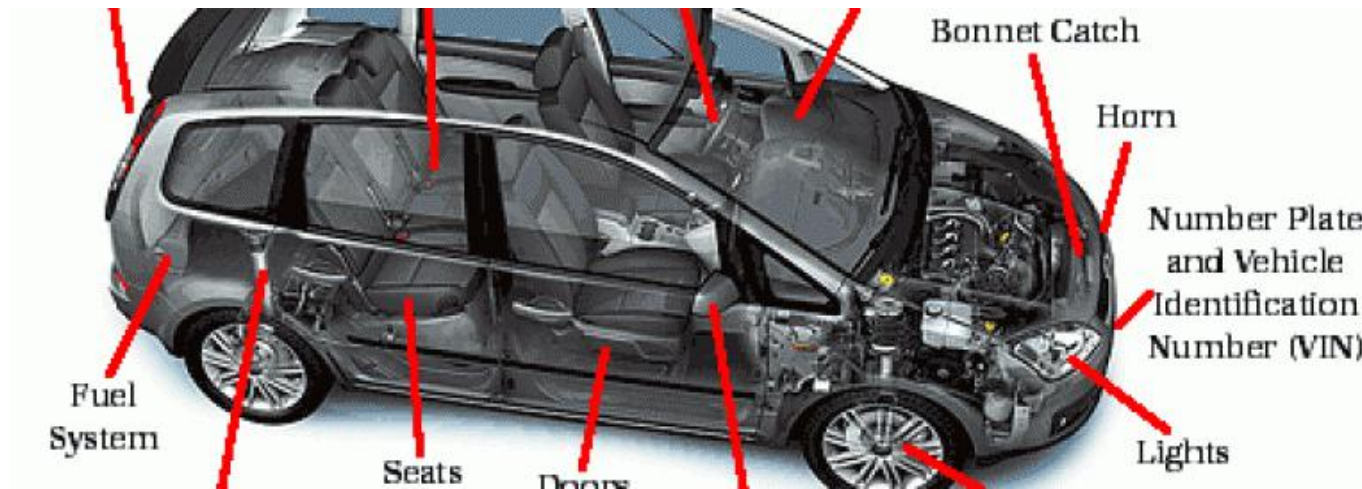
Oct, 2018



1. Introduction
2. Tasks of a modern Vehicle Inspection Officer
3. Qualities of a good Vehicle Inspection Officer
4. Global vehicle road worthiness inspection
5. What FRSC is doing
6. Way forward
7. Conclusion

INTRODUCTION

What vehicle inspection is



❑ **Vehicle inspection** is a procedure in which a vehicle is inspected to ensure that it conforms to regulations governing safety, emissions, or both. Inspection can be required at various times, e.g., periodically or as may be legislated.

❑ In Nigeria, proof of inspection is required before a vehicle licence and Number Plate can be issued or renewed

INTRODUCTION

What a driver's testing is

A **driving test** (also known as a **driving exam**, **driver's test**, or **road test**) is a procedure designed to test a person's ability to drive a motor vehicle. It exists in various forms worldwide, and is often a requirement to obtain a driver's licence. A driving test generally consists of one or two parts:

the practical test, called a **road test**, used to assess a person's driving ability under normal operating conditions and/or a **written or oral test** (theory test) to confirm a person's knowledge of driving and relevant rules and laws



TASKS OF A MODERN VEHICLE INSPECTION OFFICER



Generally:

Inspects vehicle accessories, air lines and electric circuits, and reports needed repairs. ...

Tests vehicle components for wear, damage, or improper adjustment, using mechanical or electrical devices.

TASKS FOR A MODERN VEHICLE INSPECTION OFFICER (SPECIFICALLY)

- ❑ **Quality Control Analysis** -- Conducting tests and inspections of products, services, or processes to evaluate quality or performance.
- ❑ **Troubleshooting** -- Determining causes of operating errors and deciding what to be done about it.
- ❑ **Operation Monitoring** -- Watching gauges, dials, or other indicators to make sure a machine is working properly.
- ❑ **Equipment Maintenance** -- Performing routine maintenance on equipment and determining when and what kind of maintenance is needed.
- ❑ **Science** -- Using scientific rules and methods to solve problems.



TASKS OF A MODERN VEHICLE INSPECTION OFFICER (SPECIFICALLY)..ii



❑ **Equipment Selection** -- Determining the kind of tools and equipment needed to do a job.

❑ **Writing** -- Communicating effectively in writing as appropriate for the needs of the audience.

❑ **Judgment and Decision Making** -- Considering the relative costs and benefits of potential actions to choose the most appropriate one.

❑ **Reading Comprehension** -- Understanding written sentences and paragraphs in work related documents

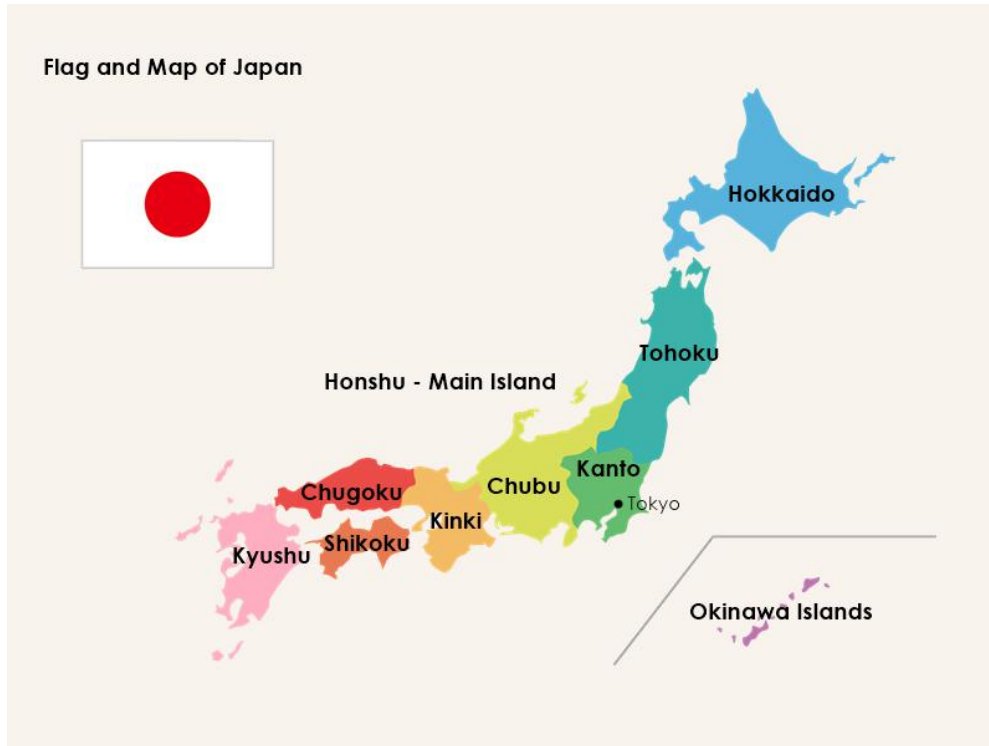


QUALITIES OF A GOOD VEHICLE INSPECTOR

- ☐ Professionalism, including technical ability
- ☐ Knowledge, including global trending within profession
- ☐ Integrity, including thoroughness
- ☐ Patience and perseverance
- ☐ Dedication to duty
- ☐ Adaptability and innovation



GLOBAL VEHICLE ROAD WORTHINESS INSPECTION...i



Japan:

All motorized vehicles are required to pass inspection tests designed to ensure mechanical safety, improved road operation and energy saving, and to prevent pollution. Initial Inspection

- Renewal Inspection
- Modification Inspection
- Reassembling Inspection
- Preliminary Inspection

GLOBAL VEHICLE ROAD WORTHINESS INSPECTION...ii

United Kingdom:

Inspection standard is rigorous and includes checks on vehicular safety and emission levels.

Testing frequency varies by type and operating mode: yearly inspection for small passenger cars aged over three years; similarly for public transport vehicles and taxis aged over one year (VIA 2003).



GLOBAL VEHICLE ROAD WORTHINESS INSPECTION...iii

Australia:

❑ New South Wales is the only state in Australia that imposes mandatory vehicle inspection.

❑ Light vehicles and motorcycles aged over 3 years are required to be inspected annually; public passenger vehicles are required to submit to tests every 6 months; used vehicles must pass the tests before a transfer of ownership can be transacted.



GLOBAL VEHICLE ROAD WORTHINESS INSPECTION...iv

Canada

❑ The Canadian inspection practices are similar to those of the United States. Vehicles are inspected to ensure they meet Canadian safety standards before being allowed to operate on the road (Saskatchewan Department of Highways and Transportation 2001).

❑ Inspection is mandatory in these 7 out of 10 states and 3 territories: Manitoba, Ontario, Saskatchewan, Nova Scotia, Newfoundland, New Brunswick and Prince Edward Island.



GLOBAL VEHICLE ROAD WORTHINESS INSPECTION...v



Singapore

❑ The inspection standard in use in Singapore is rigorous and imposes a very strict testing routine involving some 63 inspection items for cars and 61 checks for motorcycles

❑ Inspection notices are issued by the Singapore Land Transport Authority to vehicle owners three months before the road tax expires.

❑ Vehicle owners can book a date for inspection via the Internet.

GLOBAL VEHICLE ROAD WORTHINESS INSPECTION...iv

In summary, frequency of vehicle inspection varies among countries but most require annual test after an initial grace period of 3-4 years for new vehicles, except for Thailand which entertains a grace period of 7 and 5 years for new private vehicles and motorcycles respectively.



WHAT FRSC IS DOING...i



❑ The Speed Limiting Device was introduced as a matter of necessity following indication that speed constituted significant causal factor of Road Traffic Crashes in Nigeria

❑ The Corps introduced the Safe-To-Load programme in 49 Tank Farms nationwide and it is expanding the programme to cover other Tank Farms. The programme was necessitated following tanker crashed occasioning incessant petroleum spillage across the nation's highways.

WHAT FRSC IS DOING...ii

❑ In order to sustain the credibility of the driver's licence and uphold the sanctity of driver's education, testing and certification process, the Corps has commenced, in 2018, interface of the driver's licence portal with that of the DSSP such that it becomes difficult for driving schools to access the DSSP to generate certificates for people who have not actually completed training in certifies driving schools.



WHAT FRSC IS DOING...iii



❑ Introduction of on-line written test for driver trainees on completion of instruction in driving schools to:

❖ Reassure that candidates for driver's licence actually attended driving schools

❖ Ensure that some form of level of literacy is ascertained on the part of trainees, both in signage identification and interpretation as well as reading ability. This becomes an additional vehicle safety device in Nigeria.

WHAT FRSC IS DOING...iv

❑ Encouraging States to establish Traffic Agencies and assisting to train their personnel so as to empower them in the discharge of their duties thus also ensuring wider road coverage and enhanced safety while the Corps transit more to become regulatory.



WAY FORWARD



❑ Inspection requirements should be made easily understandable to indicate that vehicle inspection is not intended to be used as a weapon against the vehicle owner but a safety measure.

❑ Vehicle testing should include examination of the basic safety devices in vehicles such as the Seatbelt, SLD

❑ VIOs should be adopted the Ease of Doing Business in Nigeria (Executive Order No. 1)



WAY FORWARD

❑ Vehicle inspection regulations should be designed to prevent continuous use of defective vehicles and it should factor in vehicle emission during the required inspection cycle.

❑ There should be established and accepted uniformity in testing requirements and procedure, meaning that every one takes the same test under the same condition



WAY FORWARD



- ❑ Establishment of Computerized vehicle testing centers
- ❑ Facilitation of capacity building of Vehicle Inspector Officers both in driver's testing and vehicle inspection
- ❑ States to establish model driving schools (with driving range and other accompanying facilities)

WAY FORWARD

- ❑ Ensuring that all vehicles presented for paper renewal carry the new Number Plates
- ❑ Ensuring that the One-Stop-Shop function effectively



- ❑ Collaboration with State Traffic Management Agencies to reduce hardship on the roads.

CONCLUSION...i



The prevailing traffic and road safety needs in our country require diversification through innovative technologies in the transport sector as one of the best practices globally

These innovations have brought about the visible difference in the transport system management and administration in many countries

CONCLUSION...ii

- ❑ If the vehicle inspection program in Nigeria is to be effective, we must be thoroughly familiar with global development in the field and follow all the relevant issues highlighted.
- ❑ All hands must be put on deck to ensure safety on Nigeria roads
- ❑ There is no safety on the road without safe vehicles.





Safety starts with
you

Thank you



Phone Only



SMS Only



**Call toll free on: 122
0700 - CALL - FRSC
0700 - 2255 - 3772**

080 7769 0362

www.frsc.gov.ng