

PUBLIC NOTICE

Reference is made to the Law N°09/2013 of 01/03/2013 establishing RURA and determining its mission, powers, organization and functioning especially in its article 2 related to regulated public utilities which include among others, ICT and transportation of persons and Goods.

We also refer to the law N°24/2016 of 18/06/2016 governing Information and Communication Technologies especially in its article 118 related to the powers of the Regulator in consumer protection;


Given the government policy on the use speed governor to reduce road accidents and the need to encourage investment in this area;

RURA informs the public that the minimum requirements for speed governor service provision are published on the RURA website for interested speed governor providers.

The new applicants have to meet the published requirements, while the existing speed governor providers are given three months from the date of publication of this notice to comply with the requirements.

The speed governor providers who do not meet the required conditions, their authorizations will be revoked.

Done in Kigali on 30th July 2020



Patrick NYIRISHEMA
Lt Col
Director General



PUBLIC NOTICE ON MINIMUM REQUIREMENTS FOR ROAD SPEED
GOVERNOR SUPPLY AND INSTALLATION FOR PUBLIC AND GOODS
TRANSPORT

The Management of Rwanda Utilities Regulatory Authority,

Pursuant to Law N°09/2013 of 01/03/2013 establishing Rwanda Utilities Regulatory Authority (RURA) and determining its mission, powers, organization and functioning;

Pursuant to Presidential Order N° 25/01 of 25/02/2015 modifying and complementing presidential decree N° 85/01 of 02/09/2002 regulating general traffic police and road traffic as modified and complemented to date especially article 30 (*bis*);

HEREBY issues the following public notice:

CHAPTER ONE: GENERAL PROVISIONS

Article one: Purpose of this public notice

The purpose of this notice is to put in place minimum operational and technical requirements for the performance and installation of devices designed to limit the maximum road speed for public and goods transport motor vehicles by control of engine power.

Article 2: Objective of these requirements

Following the increase in number of accidents that occur due to over speeding, the government of Rwanda has put in place a number of measures aimed at curbing over speeding on the Rwandan roads.

Combined with the mounting of speed traps, limiting the maximum speed of the vehicle is the other technique that has been identified as a measure to reduce the accidents. This notice has been developed to provide requirements on the operation of Speed Limiting devices used in vehicle.

This public notice will be followed until the speed governor is specified in applicable national standards developed by the authority in charge of standards development in the Country as provided by article 30 (*bis*) of the Presidential Order N° 25/01 of 25/02/2015 modifying and complementing presidential decree N° 85/01 of 02/09/2002.

In order to keep up with progress in the transport industry, the Regulatory Authority shall regularly review these requirements.

Article 3: Definitions

For the purpose of this public notice, terms below shall have the following meanings:

1. **Speed Governors / speed limiter:** a device used to measure and regulate the maximum speed of a vehicle;
2. **Inspection device:** a piece of equipment that has been designed to test all speed governor/limiter circuitry and detect any interference with the system.

CHAPTER 2: AUTHORISATION AND CONDITIONS FOR SUPPLY AND INSTALLATION OF SPEED GOVERNOR

Article 4: Manufacturers certificate

No person shall be authorized to be a speed limiter Supplier for any type of speed limiter without the manufacturer's certificate.

Article 5: Conditions for supply, installation and use of speed governors

Any person intending to supply and install speed governors/limiters shall apply for an authorization from the Regulatory Authority after fulfilling the following conditions:

- a) The supplier shall have a domestic registered company with a valid certificate of domestic company registration and an office in Rwanda;
- b) The supplier shall have a response team that is charged with fixing speed governors/limiters that may have functional problems or need maintenance;
- c) The supplier shall have the Regulatory Authority's approved speed governors/limiters installation stickers that are placed on each vehicle installed with a speed governor/limiter;

Article 6: General Requirements

The following requirements shall be met by the system:

1. The speed limiting device system shall only be considered complete if it consists of the limiter and speed recording, storing and transmitting device.
2. The systems shall be "failsafe" in such a way that if the plug/s to the electronic controller is/are removed, power is disconnected or if the speed signal and/or wire is disconnected the vehicle shall not be able to be driven in excess set speed;
3. The system shall be able to be verified, authenticated and tested by an authorized, mandated Officer;
4. The equipment shall pre-warn the driver, by way of a high frequency signal buzzer, that the set speed is being reached;

5. When the set speed is reached, the speed limiter shall temporarily cause the engine to lose power;
6. The speed limiter shall be set in such a way that it shall be difficult to interfere with (adjust speed) and easy to detect interfering;
7. All road speed limiter systems shall be checked for accuracy and functionality, at least once every 6 months, at the time of the motor vehicle inspection;
8. The road speed limiter system shall be equipped with means of accepting an external device for testing the speed limiter and verifying its functionality.

Article 7: The speed limiter requirements

The speed limiter shall fulfil the following requirements:

1. Have no effect on the normal operation of vehicle;
2. The speed limiting function shall be performed progressively in a manner that does not cause excessive discomfort;
3. The speed limiting function shall not cause engine malfunction;
4. The speed limiting function or the road speed limiter shall not cause uncontrolled engine power;
5. The speed limiter shall have compatibility with environmental conditions;
6. The speed limiting function, or the speed limitation device shall operate satisfactorily without unacceptable electromagnetic disturbance from anything in its environment;

Requirements for the speed recording, storing and transmitting device

The speed recording, storing and transmitting device shall fulfil the following requirements:

1. The recorder shall incorporate a combination of on-board and off-board mechanism for recording and storing the speed of the vehicle;
2. The speed shall be recorded in km/h at not more than five seconds interval and retrieved data shall clearly and in an unambiguous manner display the date of recording in (dd/mm/yyyy) format with time format of 24 hours;
3. Each recording entry shall capture global position coordinates;
4. The format and minimum information of the data to be recorded and transmitted shall be as prescribed in Annex A to this Public Notice and as amended from time to time by the Regulatory Authority;

5. The recorded data shall be in the same format for both the on-board and off-board storage systems.
6. On-board data storage:
7. The data shall be stored on-board in a non-erasable memory. If the power supply is disconnected, information in electronic format stored in the recorder for a period of 72 driving hours prior to the disconnection shall remain retrievable; Off-board data storage:

All speed limiter systems shall have an off-board data storage and/or transmission mechanism complying with the following requirements:

- i. The system shall, in real time, electronically relay speed data to the speed limiter's data storage system;
- ii. All detected violations shall, in real-time, be transmitted to the speed limiter supplier and Regulatory Authority storage system and shall trigger an alarm to both the supplier and the Authority.

Condition for suppliers of speed limiters:

1. No person shall be authorized to be a limiter supplier for any type of speed limiter without the manufacture's authorization;
2. A speed limiter supplier shall have a specific manufacturer's authorization for dealing in a particular type of road speed limiter in Rwanda;
3. The road speed limiter shall have a manufacturer warranty covering a period of not less than 12 months and this shall be properly documented on a warranty card issued to the vehicle owner in whose vehicle the road speed limiter is installed;
4. The authorized speed limiter supplier shall open device fitting centres and appoint agents.

Features of tracking platform:

1. GPS Speed Limiter
2. Geo fence based Speed Limit and capabilities
3. Geo-fencing to detect unauthorized vehicle use / detours.
4. Power reporting to detect disconnection or bad vehicle battery.
5. Motion detection to secure parked vehicles & unguarded assets.
6. External SOS button to send out vehicle location.
7. Ignition detection and disabling.

8. Speed reporting.
9. Periodic reporting based on time or distance travelled.
10. Idle alarm to detect running engines.
11. GPS anti-jamming features.
12. Accurate GPS positioning with GPRS & GSM communication.

Article 8: Technical Requirements

The speed limiter supplier shall meet the following technical specifications:

1. Have a detailed document describing operational and maintenance modalities of all IT systems. In addition, provide;
 - i. Location of infrastructure/facilities,
 - ii. outsourced operations or systems and details of those involved,
 - iii. information on specific levels of access and maintenance,
2. Have a detailed document describing the availability of offsite backup facilities, contingency plans like disaster recovery plans for facilities and incident management plan;
3. Comply with Cyber Security Regulation in terms of:
 - a) Restricting databases that contain subscriber's information from being transferred, stored or processed outside of the Republic of Rwanda
 - b) Ensure that subscribers' information is not available to any unauthorised person;
 - c) Ensure that any access to customer information is logged such that it can be traced if required;
4. The supplier shall demonstrate its technical experience and capability to manage the system by providing the list of resource personnel with their capacities;
5. Availability of reliable internet connectivity;
6. Quality of Service (QoS) metrics of the application, such as availability, Mean time to Repair (MTTR), system up time, including its terms and conditions (to the clients);
7. A description of internal control mechanisms, including, IT infrastructure policies and procedures, which the supplier has established to comply with the existing Laws and Regulations;
8. Availability of emergency services (if any);
9. Agreement between speed governor supplier and Licensees for public and commercial vehicles.

Article 9: Operation Conditions;

The supplier shall;

1. Procure speed governors and vehicle tracking system from a recognized manufacturer;
2. Appropriately install the speed governor and vehicle tracking system;
3. Provide access to his system (platform/ dashboard) to the Regulatory Authority;
4. Alert the client (using automated sms) on any changes including systems/devices being offline;
5. Provide immediate technical support to the clients;
6. Submit a quarterly report showing the general status of online/offline periods
7. Have a user friendly platform.

Article 10: Calibration Equipment

The speed limiter supplier shall recover all sealing and calibration equipment once a branch is closed or fitting agency is withdrawn.

The speed limiter supplier shall limit the possession of calibration equipment or devices to authorized personnel only.

Article 11: Change in design or construction of the approved type of speed limiter.

A speed limiter supplier shall seek a renewed approval when a speed limiter for which approval was given changes in design, operation or construction.

Article 12: Speed Limiter Manuals

It is required that the road speed limiter has two manuals; a vehicle owner's manual and a technician's manual.

Article 13: Vehicle Owner's Manual

The following information is expected for the vehicle owner's manual:

- a) The expected behaviour of a vehicle where a road speed limiter has been fitted;
- b) Driving instructions for a vehicle where road speed limiter has been installed;
- c) What should not be done to the installed road speed limiters;
- d) What should be done in case of malfunction;
- e) The liability of the owner or driver of vehicle for tampering with the road speed limiters;

Article 14: Technician's Manual

The following information is expected for the technician's manual:

- i. Principles of operation covering details of how the road speed limiter works;
- ii. Fitting Instructions;
- iii. Calibration or programming instructions;
- iv. Inspection and functionality checks;
- v. Maintenance and troubleshooting instructions;

CHAPTER III. FINAL PROVISIONS

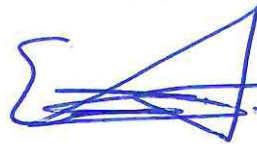
Article 15: Transitional period

Any supply referred to in this public notice shall have a period not exceeding six months from the date of the signature of this notice to comply with it.

Article 16: Commencement

This notice shall come into force on the date of its signature by the Director General of Rwanda Utilities Regulatory Authority.

Kigali on 30th July, 2020



Patrick NYIRISHEMA
Lt Col
Director General

