



**MINISTER OF TRANSPORT AND COMMUNICATIONS OF THE  
REPUBLIC OF LITHUANIA**

**ORDER  
ON THE APPROVAL OF THE DESCRIPTION OF CONDITIONS AND  
PROCEDURE FOR TESTING OF AUTONOMOUS CARS AND THEIR  
PARTICIPATION IN PUBLIC TRAFFIC**

10 January 2018 No 3-11  
Vilnius

Pursuant to the Law on Road Traffic Safety of the Republic of Lithuania, Article 10, paragraph 1, point 31, and in order to ensure traffic safety,

I hereby approve the Description of Conditions and Procedure for Testing of Autonomous Cars and Their Participation in Public Traffic (appended hereto).

Minister of Transport and Communications

Rokas Masiulis

APPROVED  
by the Order No 3-11 of the  
Minister of Transport and Communications of the  
Republic of Lithuania of 10 January 2018

## **DESCRIPTION OF CONDITIONS AND PROCEDURE FOR TESTING OF AUTONOMOUS CARS AND THEIR PARTICIPATION IN PUBLIC TRAFFIC**

### **SECTION I GENERAL PROVISIONS**

1. The Description of Conditions and Procedure for Testing of Autonomous Cars and Their Participation in Public Traffic (hereinafter – the Description) establishes the conditions and procedure for testing of autonomous cars and their participation in public traffic.

2. The Description shall apply to manufacturers, owners, operators and drivers of autonomous cars, who are testing technologies of autonomous cars and participating in public traffic.

3. Definitions used in the Description are defined in the Law on Road Traffic Safety of the Republic of Lithuania (hereinafter – the Law), Road Traffic Rules approved by the Resolution No 1950 of the Government of the Republic of Lithuania of 11 December 2002 “On the Approval of Road Traffic Rules” (hereinafter – the Road Traffic Rules), and other legal acts on traffic safety.

### **SECTION II CONDITIONS FOR TESTING OF AUTONOMOUS CARS AND THEIR PARTICIPATION IN PUBLIC TRAFFIC**

4. Autonomous cars participating in public traffic, their operators and drivers shall comply with the provisions of the Law and the Road Traffic Rules.

5. Manufacturers, owners, operators and drivers of autonomous cars shall take all necessary measures and actions to ensure traffic safety during the testing of autonomous cars and their participation in public traffic.

6. Manufacturers, owners, operators and drivers of autonomous cars shall take all necessary measures and actions to ensure cyber security of autonomous cars.

7. Before starting the testing of autonomous cars in public traffic, the compliance of autonomous cars with technical requirements shall be coordinated in writing with the Lithuanian Transport Safety Administration. The following elements of an autonomous car important for traffic safety are evaluated during the coordination: the brake system, steering system, visibility, lights, reflectors, electrical equipment, axles, wheels, tires, suspension, chassis (supporting body, frame), and other equipment as well as active and passive safety elements when necessary.

8. Before starting the testing of autonomous cars in public traffic, the route of autonomous cars shall be coordinated in writing with the road (street) owner. Information on the coordinated route of autonomous cars that are tested shall be submitted to the police headquarters of the respective county not later than 1 working day before the start of the test drive of autonomous cars.

9. Autonomous cars shall be equipped with data recording equipment that would enable establishing the cause and the culprit of a traffic accident and/or offence. The data recording equipment shall record at least the following data from sensors, control systems and other devices of an autonomous car:

9.1. the exact time when an autonomous car was controlled by the autonomous car equipment and when it was directly or remotely controlled (driven) by a person;

- 9.2. the location of an autonomous car on the road (street), its movement direction and speed;
- 9.3. information on the operation of light devices and warning signals;
- 9.4. information on the location and movement (if possible) of objects near the autonomous car;
- 9.5. what actions were taken by the autonomous car equipment and/or a person who directly or remotely controlled (drove) the autonomous car (e.g., in order to avoid a traffic accident and/or offence), and when.
10. Data operators shall store data specified in point 9.1 of the Description for at least 6 months. Data specified in point 9 of the Description shall be stored by their operators as long as it is needed to establish the cause and culprit of a traffic accident and/or offence.
11. Personal data collected in data recording equipment shall be processed according to the Law on Legal Protection of Personal Data of the Republic of Lithuania.

### **SECTION III PROCEDURE FOR TESTING OF AUTONOMOUS CARS AND THEIR PARTICIPATION IN PUBLIC TRAFFIC**

12. The owner (operator) of an autonomous car shall be able to test the autonomous car in public traffic after he/she has received the coordination document from the Lithuanian Transport Safety Administration specified in point 7 of the Description and the coordination document from the road (street) owner specified in point 8 of the Description, as well as the temporary registration plates according to the procedure established in the Description of the Procedure for the Issue and Use of Temporary Registration Plates for Marking Motor Vehicles, Trailers and Testing of Autonomous Cars approved by the Order No 1V-446 of the Minister of the Interior of the Republic of Lithuania of 30 June 2014 “On the Approval of the Description of the Procedure for the Issue and Use of Temporary Registration Plates for Marking Motor Vehicles, Trailers and Testing of Autonomous Cars”.
13. In case of a traffic accident and/or offence, the operators of data specified in point 9 of the Description shall cooperate with investigating institutions and provide all necessary information upon request.
14. In case it turns out that an autonomous car does not ensure traffic safety and endangers traffic participants, safety of other persons or their property and environment, it shall be deemed that an autonomous car does not comply with technical requirements and the coordination document of the Lithuanian Transport Safety Administration referred to point 7 of the Description shall become void. The Lithuanian Transport Safety Administration shall immediately inform the owner (operator) of an autonomous car in writing about the cancelled coordination document specified in point 7 of the Description. In this case the testing of the autonomous car can be carried out in public traffic only after eliminating non-compliances with technical requirements and receiving a new coordination document from the Lithuanian Transport Safety Administration referred to in point 7 of the Description.

### **SECTION IV FINAL PROVISIONS**

15. Manufacturers, owners, operators and drivers of autonomous cars shall be responsible for noncompliance with the provisions of the Description according to the procedure established in the legislation of the Republic of Lithuania.
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