

Informal document No. **WP.29-153-39**
(153rd WP.29, 8-11 March 2011, agenda item 6)



**Ministry of Industry and Trade of the Russian
Federation**

The Technical Regulation Concerning Safety of Wheeled Vehicles

**Adopted by the Governmental Decree № 720 of 10 Sept. 2009
Amended by the Governmental Decree № 706 of 10 Sept. 2010
Entered into force on 23 Sept. 2010**

**Alexey L. Rakhmanov,
Director,
Department of Automotive Industry and Agricultural Machinery**

2011

Scope of the Technical Regulation: Prehistory and New Status

Prehistory based on the performance of the imported car market in 2007

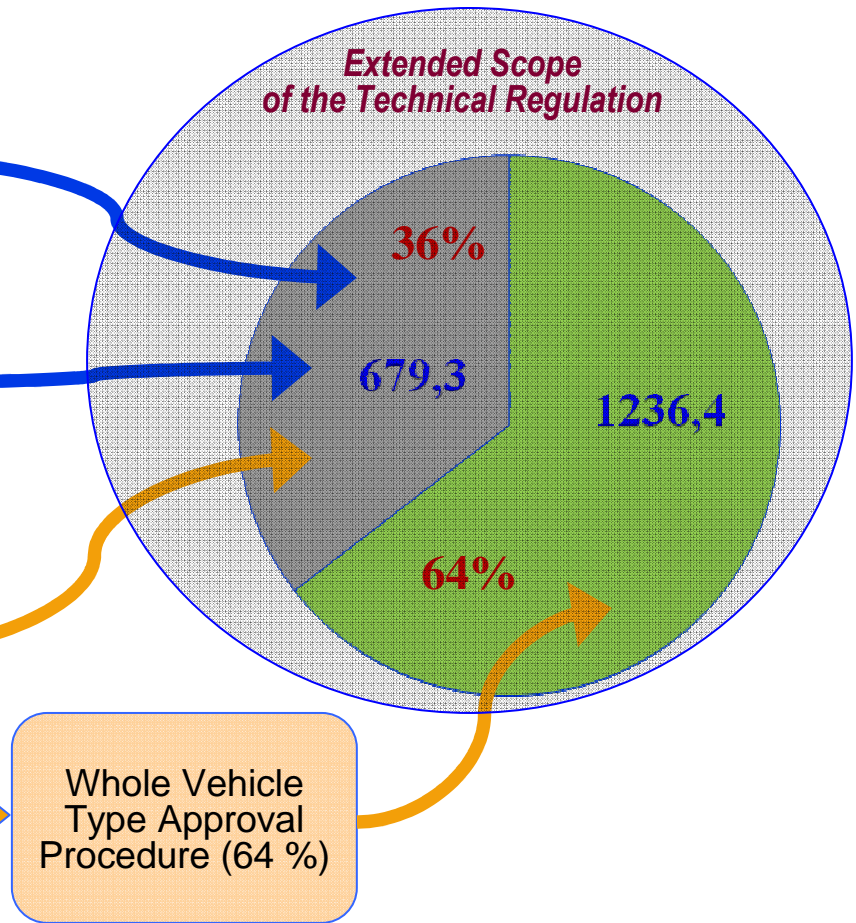
Individuals- 337,5



Companies- 1578,3

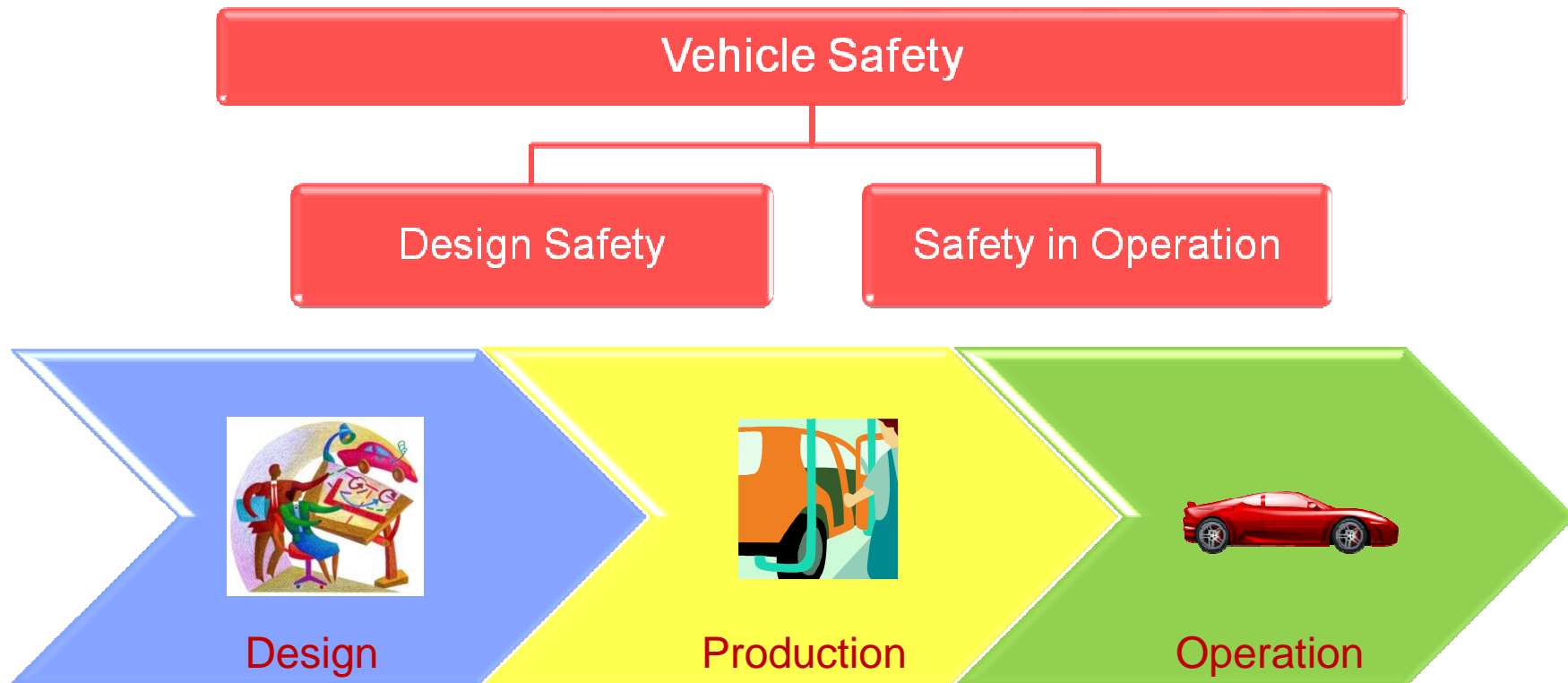


Certificate of compliance to the Technical Regulation "About Requirements to the Emissions of Harmful (Polluting) Substances by the Automotive Vehicles Released for Operation in the Territory of the Russian Federation" (100% of the imported vehicles)



(Certification Regulations in force)

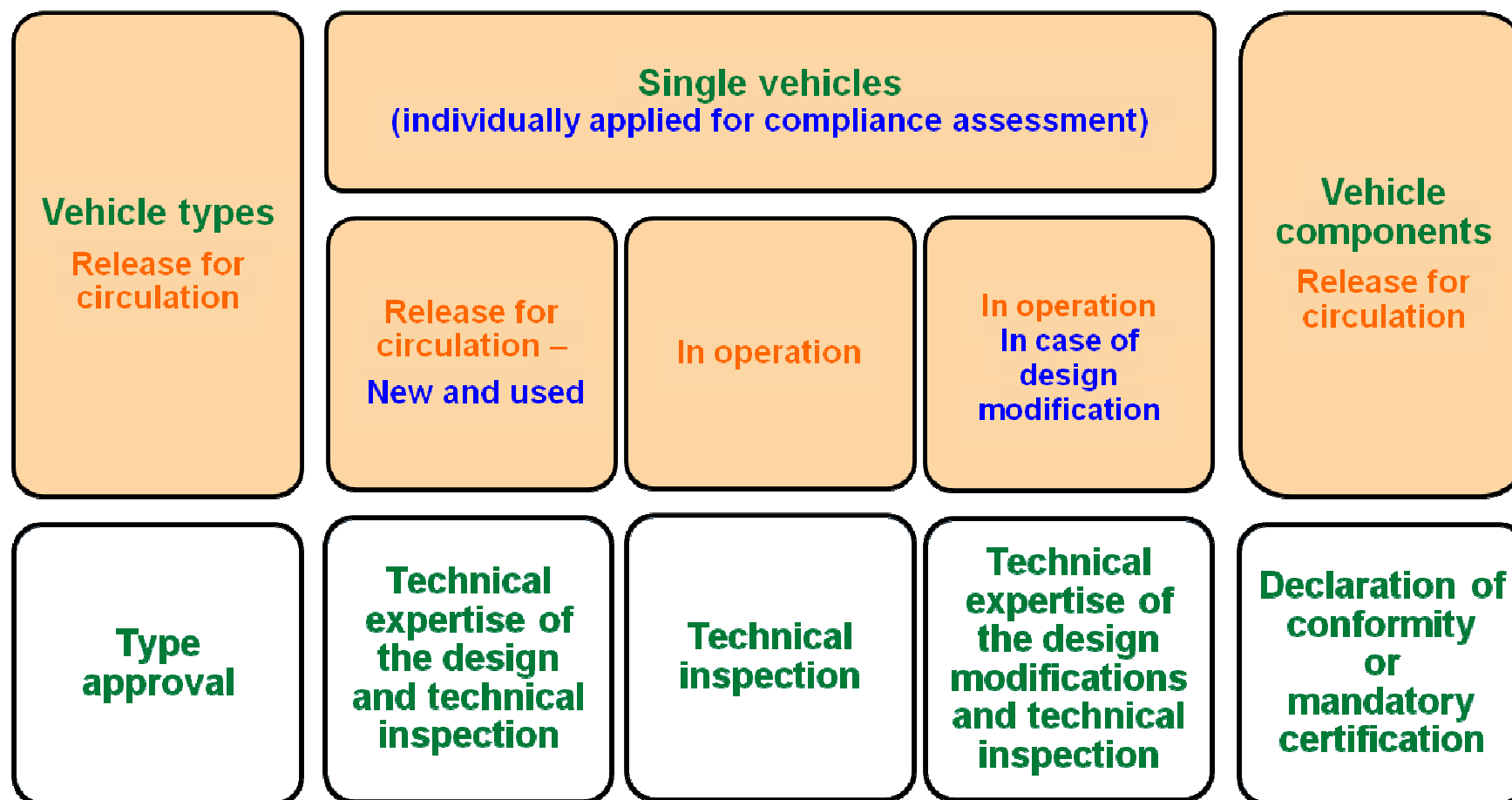
Safety Requirements at Different Stages of the Life Cycle of the Road Vehicles



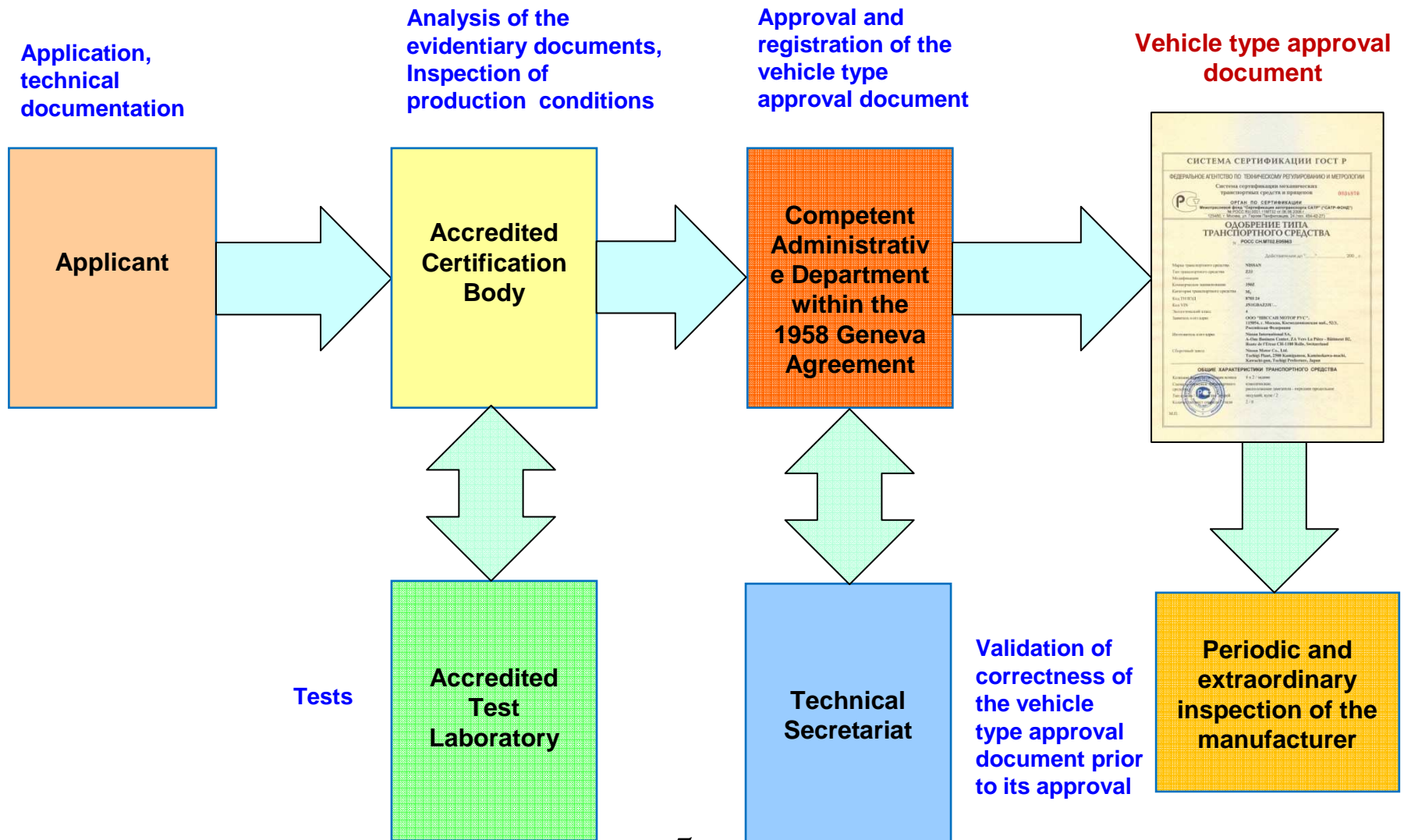
- **Most of vehicle safety** parameters are founded at design stage and...
- ...Implemented during manufacturing process
- **Such safety parameters are verified at the moment of release for free circulation**

- **Safety** parameters of vehicles in operation are also laid down at the design stage and maintained through regular servicing and control of operational condition
- **Safety parameters are verified regularly through periodic state technical inspection**

Objects of Regulating and Compliance Assessment Forms



Vehicle Compliance Assessment in the Form of a Type Approval



New in the Type Approval Procedure

- The applicant :
 - ◆ Russian manufacturer or his representative, if the vehicles are manufactured in Russia
 - ◆ Russian resident, representative of foreign manufacturer*, if the vehicles are imported to Russia
 - * A foreign manufacturer may designate just one representative, who shall assume the obligation to provide for conformity of the imported product to the requirements of the Technical Regulation
- For chassis (incomplete vehicle) a chassis type approval is issued

Enforcement Timing for New Requirements to Vehicle Types (1)

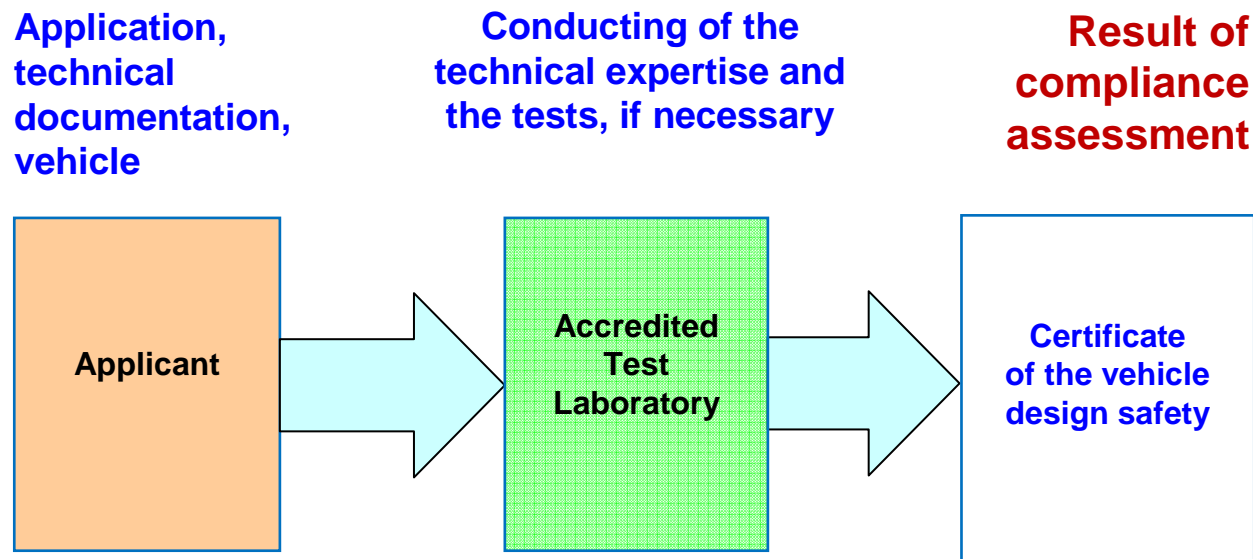
Object	Document Containing Requirements	Enforce ment Year
Electronic stability control and brake assist systems (M1, N1)	UNECE R 13-H, including Suppl. 1-9	2014
Electronic stability control (M2, M3, N2, N3, O3, O4)	UNECE R 13-11	2016
Tyre pressure monitoring systems	UNECE R 64-02	2016
Tyre wet grip performance	UNECE R 117-02	2015
Tyre noise	UNECE R 117-00	2010
Tyre rolling resistance (stage1)	UNECE R 117-02	2017
Emissions of carbon dioxide and fuel consumption	UNECE R 101-00	2014
Daytime Running Lamps	UNECE R 48-04, 87-00	2016
Heating Systems	UNECE R 122-00	2012

Enforcement Timing for New Requirements to Vehicle Types (2)



Object	Document Containing Requirements	Enforce ment Year
Pedestrian protection	GTR 9	2016
Door locks and door retention components (N2, N3)	GTR 1	2014
Front protection devices	UNECE R 93-00	2012
Burning behavior of materials used in the interior construction of buses	UNECE R 118-00	2014
Wheel guards, spray suppression systems	Technical Regulation, Annex 3, paras. 9, 10 (Harmonized with the EU Directives 78/549 and 91/226)	2014
Windshield defrosting, demisting, wiping and washing	Technical Regulation, Annex 3, paras. 7, 8 (Harmonized with the EU Directive 78/318)	2012

Single Vehicle Compliance Assessment at Release for Circulation

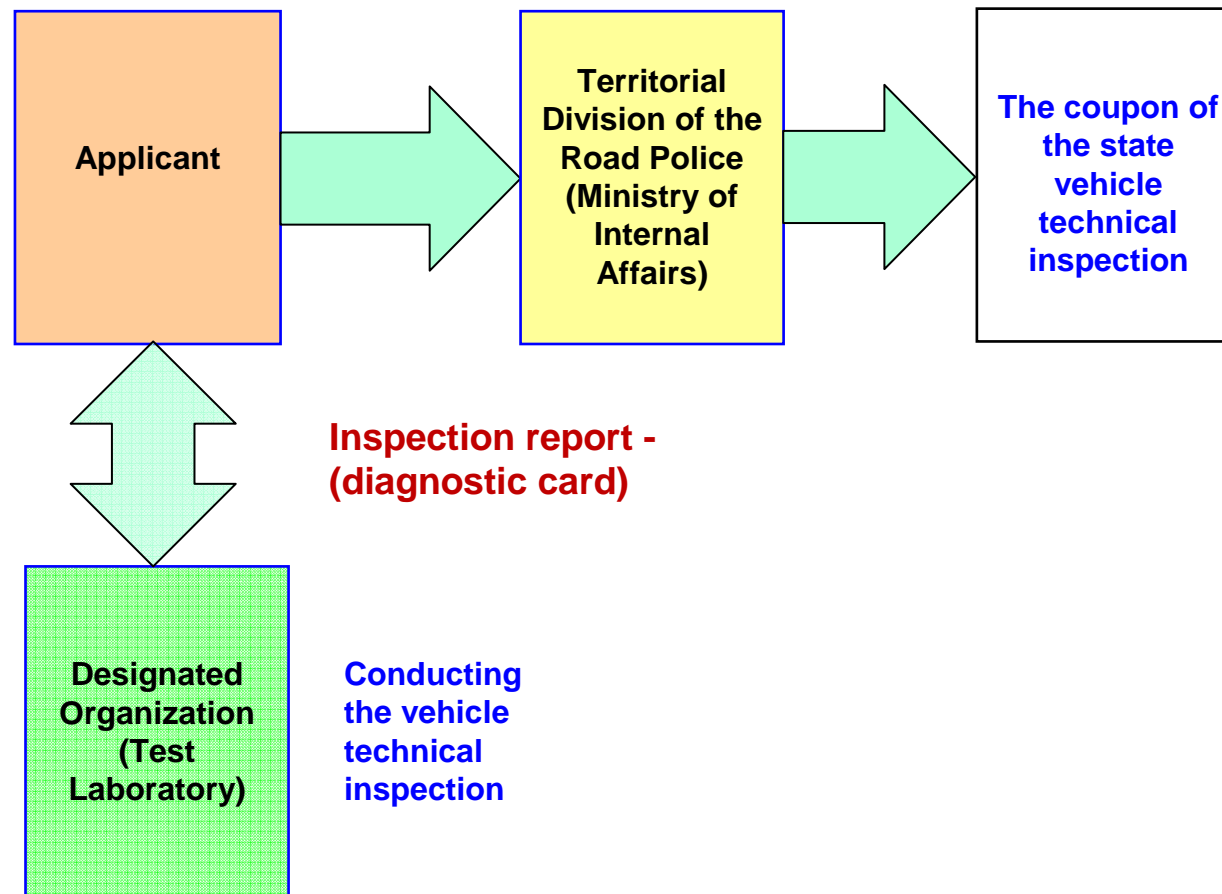


- *The technical expertise of a vehicle is based on a visual verification*
- *The tests are conducted if necessary*

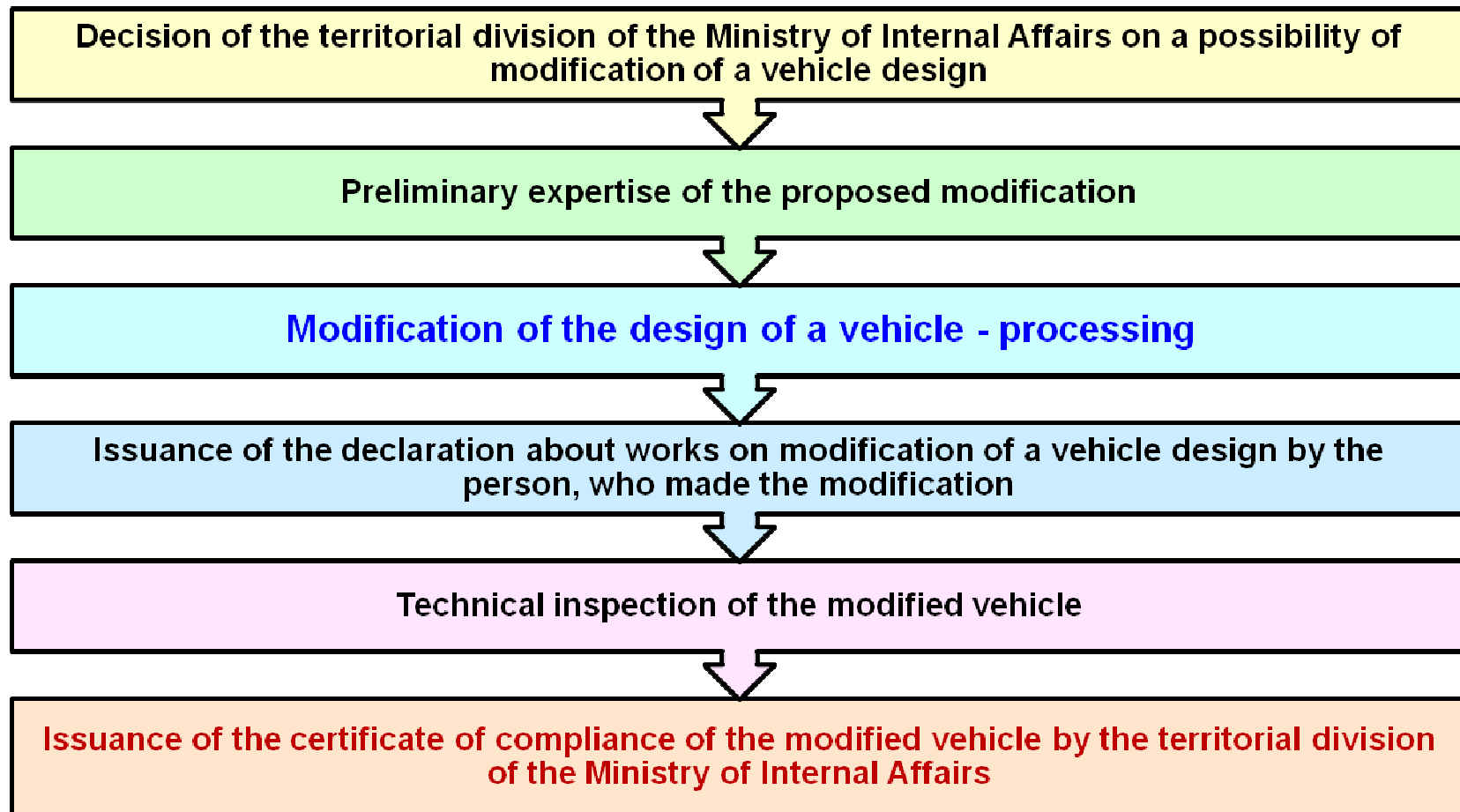
Requirements for Single Vehicles at Release for Circulation and at Operation

- **Measurements and visual verification:**
antitheft devices, heating systems, lighting, visibility, seat belts and their anchorages, seats and their anchorages, interior fittings and external projections, rear and underrun protection devices for trucks and trailers, prevention of fire risks – basing on the UNECE Regulations
- **Special attention to safety of buses:**
basing on the UNECE Regulation No.107
- The requirements for periodic technical inspections have been developed. The same requirements are applied at release for circulation of single vehicles

General Compliance Assessment Procedure in the Form of the Vehicle Technical Inspection



Safety Assessment When a Vehicle Design is Modified

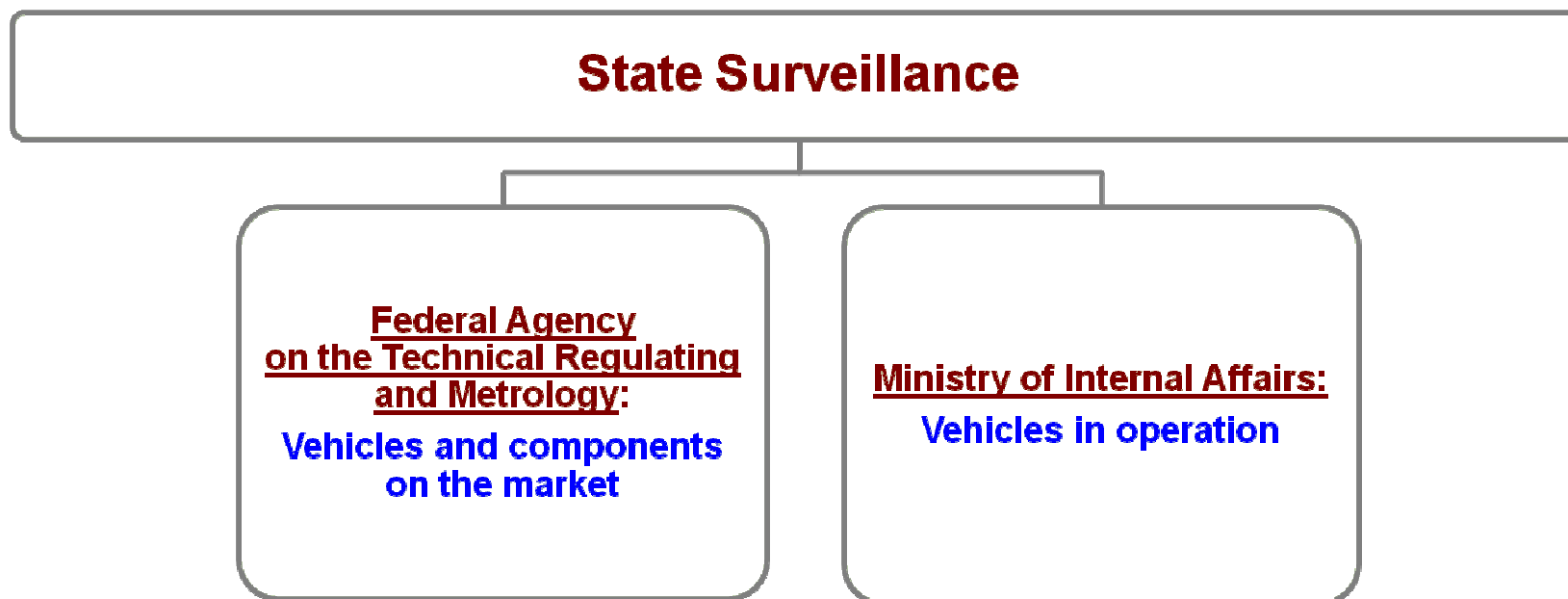


Compliance Assessment of Components



- With respect to the components released for circulation as the aftermarket spare parts
- The allowed forms and schemes of compliance confirmation are established depending on the type of components
- The component manufacturer has the right to choose any form of compliance confirmation among those established by the Technical Regulation
- The component manufacturer has the right to issue a declaration of compliance

State Surveillance Over Observance of the Requirements of the Technical Regulation



Thank you for your attention!

**Ministry of Industry and Trade Website:
<http://minpromtorg.gov.ru>**