Certification in the Russian Federation

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Certification is a form of confirmation by the certification body of objects' compliance with the requirements of technical regulations, provisions of standards and sets of rules.
The Eurasian Economic Commission (EEC) is a permanent supranational regulatory body of the Eurasian Economic Union (EEU) (formerly the Customs Union and the Single Economic Space).

EEC was established by Presidents of the Russian Federation, Republic of Belarus and Republic of Kazakhstan and operates the basis of Agreements dated November 18, 2011 "On the Eurasian Economic Commission" and "On the Rules of Work of the Eurasian Economic Commission". The date of adoption is February 2, 2012.
Technical regulation —

a regulation containing technical requirements either directly or by reference to a standard or technical conditions, or by including the contents of these documents.

The Technical Regulation of the Union is a document adopted by the Eurasian Economic Commission (EEC) and establishes mandatory requirements for the objects of technical regulation for application and execution on the territory of the Eurasian Economic Union (EEU).
UNIFIED STANDARDS
Technical Regulations of the Customs Union (47)

Agricultural machinery

Требования к сельхозмашинам и перечень стандартов с методами испытаний для подтверждения соответствия

ЕДИНЫЕ ТРЕБОВАНИЯ И МЕТОДЫ ИСПЫТАНИЙ ПРИ СЕРТИФИКАЦИИ ПРОДУКЦИИ
The Association of the Test Engineers of Agricultural Machinery and Technologies of Ministry of Agriculture of the Russian Federation (ATEAM)
Technical regulations of the Customs Union

TR CU 026/2012 On the Safety of Small Vessels
TR CU 027/2012 On the Safety of Certain Types of Specialized Food Products, including dietary therapeutic and dietary preventive nutrition
TR CU 028/2012 On the Safety of Explosives and Products Based on Them
TR CU 029/2012 Safety requirements for food additives, flavorings and Technological aids
TR CU 030/2012 On Requirements for Lubricants, Oils and Special Liquids
TR CU 031/2012 On the Safety of Agricultural and Forestry Tractors and Trailers to Them
TR CU 032/2013 On the safety of equipment operating under excessive pressure
TR CU 033/2013 On the safety of milk and dairy products
TR CU 034/2013 On the safety of meat and meat products
TR CU 035/2014 Technical Regulations on Tobacco Products
EAEU TR 036/2016 Requirements for liquefied Petroleum Gases for their use as fuel
EAEU TR 037/2016 On the Restriction of the Use of Hazardous Substances in Electrical and Radio Electronics Products
EAEU TR 038/2016 On the Safety of Attractions
EAEU TR 039/2016. About the requirements for mineral fertilizers
EAEU TR 040/2016. About the safety of fish and fish products
TR EAEU 041/2017. About the safety of chemical products
TR EAEU 042/2017. About the safety of equipment for children's playgrounds
EAEU TR 043/2017 On Requirements for Fire Safety and Fire Extinguishing Means
EAEU TR 044/2017 On the Safety of Packaged Drinking Water, including Natural Mineral Water
EAEU TR 045/2017. On the safety of oil prepared for transportation and (or) use
TR EAEU 046/2018. On the safety of natural combustible gas prepared for transportation and (or) use
EAEU TR 047/2018 "On the safety of alcoholic beverages"
The Association of the Test Engineers of Agricultural Machinery and Technologies of Ministry of Agriculture of the Russian Federation (ATEAM)

**TR CU 010/2011**
On the Safety of Machinery and Equipment

**TR CU 031/2012**
On the Safety of Agricultural and Forestry Tractors and Trailers to Them
The Technical Regulations of the Customs Union 031/2012 have been developed in order to establish, in the unified customs territory of the Customs Union, uniform mandatory requirements for the use and implementation of wheeled and tracked agricultural and forestry tractors and trailers, to ensure free movement of wheeled and crawler agricultural and forestry tractors and trailers issued in the single customs territory of the Customs Union.

The Technical Regulations of the Customs Union apply to newly manufactured and imported wheeled and crawler agricultural and forestry tractors and trailers to them put into circulation in the single customs territory of the Customs Union, regardless of the country of origin.

The technical regulations of the Customs Union apply to tractors and trailers with a maximum design speed of at least 6 km/h.

The technical regulations of the Customs Union do not apply to tractors and trailers manufactured individually or in an individual order.
List of safety requirements TR CU 031/2012

1. Technically permissible mass
2. Place of installation of the registration plate
3. Fuel tank
4. Ballast loads
5. Sound alarm devices
6. External noise
7. Maximum speed
8. Cargo platform
9. Steering
10. Electromagnetic compatibility
11. Brake systems
12. Lighting and light signalling devices
13. Towing devices
14. Power take-off shafts
15. Dimensions of the tractor, trailer and towed weight of the trailer
16. Load on the hitch
17. Design requirements for tractors and trailers
18. Protection of parts
19. Mechanical traction devices
20. Manufacturer’s plate
21. Operating instructions
22. Connecting device of the trailer brake drive
23. Emissions of harmful substances
24. Smokiness of exhaust gases
25. Speedometer
List of safety requirements TR CU 031/2012

26 Spray protection systems
27 Tires
28 Speed limit devices
29 Side protection
30 Rear protective device
31 Trailer stability
32 Support device (semi-trailer)
33 Requirements for the engine start and stop system
34 Rollover Protection Device (ROPS) (static tests)
35 Rollover Protection Device (ROPS) (dynamic tests)
36 Falling Object Protection Device (FOPS)
37 Operator Protection Device (ROPS)
38 Operator protection from exposure to harmful substances
39 Working space and access to the operator's seat
40 Access systems
41 Governing bodies
42 Location of locking devices and lifting forces of the sides of the trailer platforms
43 Glazing
44 Seat belt attachment points
45 Seat belts
46 Field of view and windscreen wipers
47 Rear view mirrors
48 Operator’s seat
49 Passenger seat
50 Sound level at the operator's workplace
51 Vibration safety
Sample identification
EVALUATION OF DESIGN SAFETY

- Static and dynamic stability
- Cabin and operator workplace ergonomics
- Observability and manageability
- Mounting of attached equipment
- Safety during transportation
- Design evaluation in operation environment

Evaluation of lighting devices

Operator workplace ergonomics
Determination of the angle of transverse static stability

At least 35 degrees (for tractors)
Certificate of the Eurasian Economic Union
The Association of the Test Engineers of Agricultural Machinery and Technologies of Ministry of Agriculture of the Russian Federation (ATEAM)

QUALITY CONTROL OF TESTING STATIONS

Accreditation and confirmation every 2 years

Certification body

Testing laboratory
OECD TRACTOR COMMITTEE

The OECD TRACTOR CODE was established by a Decision of the Council of the Organization for European Economic Cooperation (OEEC) of April 21, 1959, with the aim of facilitating trade by revising international rules on certification of tractors and their safety.

The exporting or importing country is given the opportunity to accept with confidence the results of tests conducted in another country.

Test reports are submitted to the OECD for approval. Approved protocols are published online and can be used by tractor manufacturers, sellers and buyers.
The main document regulating the testing of tractors is the COLLECTION of OECD CODES.

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<tr>
<td>4</td>
<td>Testing of the strength of protective structures for agricultural and forestry tractors ROPS (static test)</td>
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Thank you for your attention!

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