Agricultural Standardization and Certification in Russia

Volga state machinery testing station

4th Training of Trainers of the Asian and Pacific Network for Testing of Agricultural Machinery

October 22-27, 2018 Beijing and Wuhan, China
Agricultural Percentage of GDP *

* - We don't have official data. This is unofficial data.
Park of the main types of equipment in the agricultural organizations, *thousand pieces*
Acreage of agricultural crops, thousands of hectares

- The entire acreage
- Cereals and legumes
- Fodder crops
- Industrial crops
- Vegetables
Provision of agricultural organizations with tractors and combines

![Bar chart showing the load per one tractor and combine harvester from 2010 to 2017. The load per one tractor has increased from 2010 to 2017, while the load per one combine harvester has remained relatively constant.]

- Load per one tractor, ha
- Load per one combine harvester, ha
National Testing Codes

State standards of GOST are applied in Russia. There is a group of standards that set out requirements for certain types of machines or components (lighting, engine, noise, vibration, braking systems) and there is a group of standards that set out test methods.

There are more than 130 GOST.

Machinery covered: Tractors, self-propelled machinery (combines, sprayers), mounted and trailed agricultural machines, small-scale mechanization (tillers, manual machines)
International Testing Codes

International ISO standards officially translated into Russian are called GOST ISO and are applied on a par with state standards. They are mainly related to safety requirements.

On September 23, 2005, Russia joined ISO.
Agricultural Testing System

Certification body

Testing laboratory

Test sample

Manufacturer

Documentation

Certificate

Report
Quality control of testing stations

Accreditation and confirmation every 2 years

Certification body

Testing laboratory

The Federal ACCREDITATION SERVICE
Main items of different Tests (for Main Machinery)
Other rules on Agricultural Machinery compulsory certification

• Certification can be carried out for a batch of products – then the certificate is issued only for those machines which numbers are specified in the certificate. And can be carried out on a serial release-then together with selection of a sample the expert on certification should to analyze production (plant) to make sure of possibility of release of equally safe agricultural machinery.

• All certificates and test reports are included in the Unified register by means of electronic information system.
Thank you for your attention

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