

“APPROVED”

The Director General of
LLC “Scientific-Production Firm “Eko-Avto-Titan”
(signature) Liubenko P.I.

Seal: Ukraine, Kyiv region, Limited Liability Company “Scientific-Production Firm “Eko-Avto-Titan”, Identification code 61809330
May 18, 2011

Kyiv city

MINUTES

of tests of catalyzers KT-4Д for the subject of conformity to TYV 34.3 - 31909330.002.2002

Place of tests: Central ATP of Southern-Western Railways.

Time of tests: 18.05.2011.

Purpose of tests: definition of economic effect from the use of the aforesaid fuel catalyzers and definition of the decrease level of harmful emissions in atmosphere upon their use.

Transport vehicles, on which the tests were made:

- Dump truck ISUZU, state make AA2901AT

Methods of tests: Tests were made according to TYV 34.3 - 31909330.002.2002. in two stages – before and after installation of the fuel catalyzer KT-4Д on the site upon the drive revolution 1000 revolutions/per a minute.

Tests results are given in the table.

	Parameters	
	Opacity (%)	Car operation on 1 liter of fuel (hour)
Before installation of KT-4Д	8	8 minutes 06 seconds
After installation of KT-4Д	8	8 minutes 58 seconds

Conclusions:

- After installation of KT-4Д on the dump truck ISUZU, state make AA2901AT the index of opacity decreased in 1.6 times.
- After installation of KT-4Д on the dump truck ISUZU, state make AA2901AT the economy of fuel constituted -36.5%.

From Central ATP of Southern-Western Railways

(signature) Iarmak M.F.

(signature) Miroshnychenko A.

Stamp:

Central Railway Motor Pool of State
Territorial Field Association “Southern-
Western Railways”

From LLC “Scientific-Production Firm “Eko-Avto-Titan”

(signature) Kravchenko Iu.O.

(signature) Gaponov V.O.

(signature) Vitiuk V.K.