

PROGRAM

Of testing of the fuel filters-converters (FFC) on cars of “Kievoblenergo”

Purpose of tests

Definition of compliance of FFC to the technical specifications TY Y 24587493.001-98 and the technical passport for article.

Object of tests

The fuel filter-converter KB2.966.001 manufactured at OJSC “Analitpribor”, Kiev city in a number of 2 pcs.

Conditions of carrying out

1. The tests are conducted on the basis of "Kievoblenergo".
2. The measurements of compression, toxicity, fuel economy at the beginning to carry out without converters. Then to install FFC on cars, to carry out the run not less than 500 km for each car and to make repeated measurements.
3. According to the types of works, the tests provide for:
 - measurements of compression in engine cylinders;
 - definition of the toxicity of exhaust gases is carried out according to the State Standard ГOCT 17.2.2.03-87.;
 - mileage - on public roads;
 - measurements of the operating fuel consumption. The fuel consumption is determined on one section of the road before and after installation of FFC.
4. The tests are carried out in the daytime, with the load of the car in real operating conditions according to the State Standard ГOCT 20306-90, the valid instructions and methods for the relevant types of tests.
5. Applicable fuel and lubricants must comply with those specified in the car's manual.

Chief of
SSMiT “Kievoblenergo”
(signature) A.P. Pilipenko
Stamp: OJSC “Kyivoblenergo”, Service of
Mechanization and Transport

Chairman of the Board of Directors of “Eko-
Avto-Titan”
(signature) P.I. Liubenko
Seal: Ukraine, Kyiv region, Limited Liability
Company Scientific-Production Firm “Eko-
Avto-Titan”, Identification code 31909330

PROGRAM

Of testing of the fuel filters-converters (FFC) on transport of “Kievoblenergo”

Beginning of tests 17.09.2001

End of tests 05.10.2001

Kiev

1. Object of tests:

a) FFC for gasoline engine manufactured according to TY Y 24587493.001-99, installed on the car ГАЗ 2705 “Gazel”, state number 082-96KA, the run before installation 66000 km.

2. Purpose of tests:

- check of FFC for the compliance with TY Y 24587493.001-99 – the decrease of CO, CH and fuel consumption.

3. Place of tests

Kiev city

4. Methods of tests:

The tests are carried out according to the annex to TY the Instruction K62.966.001 III.

5. Commission in the composition:

- a) Pilipenko A.P. – the chief of SSMiT “Kievoblenergo”;
- b) Reznik I.P. – the driver;
- c) Lazarenko P.B. – the engineer of “Eko-Avto-Titan”.

6. Results of tests:

a) Indices of toxicity CO, % CH, unit and fuel consumption

a/car	CO before installation of FFC		CO after installation of FFC		CO after installation of FFC and the run 3800 km		Fuel consumption before installation of FFC	Fuel consumption after installation of FFC
	XX	max	XX	max	XX	max		
ГАЗ 2705	4,5	0,8	3,8	0,6	3,1	0,4	Not measured	Not measured

7. Conclusions

ΓA3 2705 after installation of FFC
CO for xx – the decrease for 16%;
CO for max- the decrease for 25%;

ΓA3 2705 after installation the run 3800km.
CO for xx – the decrease for 32%;
CO for max- the decrease for 50%;

8. Conclusion

FFC meets TY Y 24587493.001-99 in a part of toxicity decrease of CO. The measurements of CH were not carried out.

As a result of analysis of road sheets was marked a stable decrease of fuel consumption for 6-7%.

Engineer of “Eko-Avto-Titan”
(signature) P.B. Lazarenko

Signatures:

Chief of
SSMiT “Kievoblenergo”
(signature) A.P. Pilipenko
Stamp: OJSC “Kyivoblenergo”, Service of
Mechanization and Transport
Driver
(signature) I.P. Reznik