

Technical Report No.: 260085 – 11 – TAC
 ECE Regulation No.: 110.00
 Manufacturer: AUTO-GAZ CENTRUM
 Type: RS-24

**TECHNICAL REPORT
 No. 260085 – 11 – TAC**

Test according to ECE Regulation No. 110.00

Uniform provisions concerning the approval of:

**I. Specific components of motor vehicles using compressed natural gas (CNG)
 in their propulsion system,**

**II. Vehicles with regard to the installation of specific components of an approved
 type for use of compressed natural gas (CNG) in their propulsion system.**

ECE No. 110.00 – date of entry into force: 28 December 2000

including all amendments up to and including

ECE No. 110.00, Supplement 9 – date of entry into force: 19 August 2010

Objectives: document for issue of approval certificate

I. Technical data

- 0.1. Make (trade name of manufacturer): AGC - AUTO-GAZ CENTRUM, ZENIT PRO
 0.2. Type: RS-24
 0.2.1. Variants: RS-24 /6 for 5-6 cylinders
 RS-24 /8 for 8 cylinders
 0.3. Means of identification of type: manufacturer's label
 0.3.1. Location of that marking: upper side of the unit's housing
 0.4. Class of component: n/a
 0.5. Name and address of manufacturer: AUTO-GAZ CENTRUM
 JAROSLAW ZAGOZDZON
 ul. Chorzowska 11a
 26-600 Radom
 POLAND
 0.8. Addresses of assembly plants: see 0.5.
 0.9. Location of the approval mark: implemented into the manufacturer's label



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II. **Test report**

1. **Test conditions**

- 1.1. Test sample: electronic control unit type RS-24
- 1.2. Test procedures used: measurement of switching off delay time according to Regulation Annex 4H, clause 2.2 and measurement of temperature range according to Regulation Annex 4H, clause 2.5.
- 1.3. Measuring and test equipment: scopemeter FLUKE199C, s.n. DM 8140090.
- 1.4. Ambient conditions: indoor test, 23°C, 13,5VDC power supply
- 1.5. Test site: EMC lab TÜV SÜD Czech s.r.o., Novodvorská 994/138, 142 21 Prague 4, Czech Republic.

2. **Test results**

- 2.1. *Regulation Annex 4H, clause 2.2.* Switching off delay of the service cut-off valves after stalling of the engine <5s
- 2.2. *Regulation clause 6.1.1.:* For EMC test of the electronic control unit see our Test Report No. 260084 – 11 – TAC
- 2.3. *Regulation Annex 4H, clause 2.5.* Fully functional in temperature range -20°C to +120°C
3. **Specimen submitted to test on:** 15 July 2011
4. **Date of test:** from 18 to 21 July 2011



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III. **Manufacturer's information folder**

Application for approval of the AUTO-GAZ CENTRUM pursuant to ECE Regulation No. 110.00

11 pages total of 5 July 2011

IV. **Attachments**

No attachments

The results presented above have been measured/found in the No. 1107 laboratory accredited by ČIA according to the ISO/IEC 17025 standard and relate only to the items tested. The final assessment exceeds the accreditation scope.

Measuring and test equipment and test site meet the requirements of the applicable legislation. This report must never be reproduced incomplete without a written permission of the testing laboratory.

V. **Final assessment**

The described sample


complies

with the requirements of ECE Regulation No. 110.00 for issue of approval certificate.

This technical report consists of pages No. 1 to 3 and has no attachments.


Luděk Piskač

Test executive


Vilém Kunzl

Officially recognized expert

Prague, 29 July 2011

