


[1] EC TYPE-EXAMINATION CERTIFICATE

[2] Equipment or Protected System Intended for use
in Potentially explosive atmospheres
Directive 94/9/EC

- [3] EC-Type Examination Certificate Number: **Nemko 08ATEX1026**
- [4] Equipment or Protective System: **Gas Analyser SSS-903**
- [5] Applicant: **JSC "Electronstandart-pribor"**
[6] Address: **35/2, pr. Slavy, St. Petersburg
192286, Russia**
- [5] Manufacturer: **JSC "Electronstandart-pribor"**
[6] Address: **35/2, pr. Slavy, St. Petersburg
192286, Russia**
- [7] This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- [8] Nemko AS, notified body number 0470 in accordance with Article 9 of Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive.
- The examination and test results are recorded in confidential report no. 100342
- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
CENELEC EN 60079-0: 2004 and CENELEC EN 60079-1: 2004 and CENELEC EN 60079-11: 2007
- [10] If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.
- [11] This EC-TYPE EXAMINATION CERTIFICATE relates only to the design, examination and tests of the specified equipment or protective system in accordance to the directive 94/9/EC.
Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.
- [12] The marking of the equipment or protective system shall include the following:

 **II 2 G Ex dib IIC T6, Ta : + 50°C**

Oslo, 2008-02-29



Rolf Hoel
Certification Manager, Ex-products

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NO 974404532

[13] Schedule**[14] EC-TYPE EXAMINATION CERTIFICATE No Nemko 07ATEX1260****[15] Description of Equipment or Protective System**

This certificate covers Gas Analyzer.

Type Designations

SSS-903

Technical Data

24 ± 4,8 VDC Max 6VA

Degree of Protection

IP54 according to EN 60529

[16] Report No. 100342**Descriptive Documents**

Name/Title	Drawing No.	Rev.	Date	Sheets
Gas Analyser	GSKF.413425.003AD		02.12.05	2
Gas Analyser SSS-903 Safety control drawing	GSKF.413425.003SCD		02.12.05	1
Threshold device UPES-903	GSKF.426211.034AD		02.12.05	2
Threshold device UPES-903	GSKF.426211.034E6		02.12.05	1
Lead-in-section	GSKF.411618.003AD		02.12.05	1
Lead-in-section	GSKF.411618.003E3		02.12.05	1
Interconnect board	GSKF.411618.002AD		02.12.05	1
Processing board	GSKF.426442.004AD		02.12.05	1
Processing board	GSKF.426442.004E3		02.12.05	1
Spark protection unit	GSKF.418419.002AD		02.12.05	1
Spark protection unit	GSKF.418419.002E3		02.12.05	1
Interface board	GSKF.426442.001AD		02.12.05	1
Interface board	GSKF.426442.001E3		02.12.05	1
Control and display unit BUI-903	GSKF.426469.002AD		02.12.05	1
Control and display unit BUI-903	GSKF.426469.002E4		02.12.05	1
Control and display board	GSKF.426469.003AD		02.12.05	1
Control and display unit	GSKF.426469.003E3		02.12.05	1
Cable entry	GSKF.305311.001 AD		10.09.03	1
Gas electrochemical transducer PGE-903A	GSKF.413425.006AD		02.12.05	1
Gas electrochemical transducer PGE-903A	GSKF.413425.006E3		02.12.05	1
Gas electrochemical transducer PGE-903	GSKF.413425.004AD		02.12.05	1
Gas electrochemical transducer PGE-903	GSKF.413425.004E3		02.12.05	1

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Electrical unit	GSKF.418429.005AD		02.12.05	1
Electrical unit	GSKF.418429.002AD		02.12.05	1
Marking plate	GSKF.754312.035		02.12.05	1

- [17] **Special Conditions for Safe Use**
None

- [18] **Essential Health and Safety Requirements**
See item 9

The measuring function according to Annex II paragraph 1.5.5 of the Directive is not matter of this EC-type examination.