

**[1] EC-TYPE EXAMINATION CERTIFICATE**

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

- [3] **EC-Type Examination Certificate Number:** Nemko 03ATEX1457
- [4] **Equipment or Protective System:** Magnet Stick
- [5] **Applicant and manufacturer:** SAGAB
- [6] **Address:** Postbox 86  
S51722 Bollnerygd  
Sweden
- [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. 11278
- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:  
CENELEC EN 50014: 1997 + A1: 1999 + A2: 1999 and CENELEC EN 50020:2002
- [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

EEx ib IIC T4



Oslo, 2003-12-19



**Rolf Hoel**  
Certification Department

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[13] Schedule

[14] EC-TYPE EXAMINATION CERTIFICATE No Nemko 03ATEX1457

[15] Description of Equipment or Protective System

When a magnetic field is present, e.g. an activated coil in a solenoid valve, the red indicator inside the plastic tip will illuminate. The indicator responds to all kind of magnetic fields; direct current, alternating current or permanent magnets.

Information:

This Certificate is only valid when batteries are used in accordance with manufacturers instruction. Only batteries, which have been tested in conjunction with the Volt Stick, can be used. Such batteries are:

Toshiba Alkaline AAA  
Duracell Plus AAA

Type Designation

Magnet Stick

Technical Data

2x1.5V

Ingress Protection Code

IP20 according to EN 60529.

[16] Report No. 11278

Descriptive Documents

Name/Title/Description	Drawing No./reference	Rev.	Date
Circuit Diagram	Magnet Stick ATEX	-	2003-09-30
Component list	Komponentspecificasjon Magnet Stick ATEX	2003-11-14	2003-11-13
Material declaration	Produktmaterial	1	2003-11-18
Marking	Specification for customized Magnet Stick 702 62Exr	-	2003-11-24
Marking	Specification for customized Magnet Stick 702 628	-	2003-11-24
Instructions	Instructions for ATEX magnet stick	1	2003-12-17

Routine Test

None

[17] Special Conditions for Safe Use

See [15]

[18] Essential Health and Safety Requirements

See item 9

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