

[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 03ATEX1456

[4] Equipment or Protective System: Volt Stick

[5] Applicant and manufacturer SAGAB

**[6] Address: Postbox 86
S51722 Bollebygd
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. 11277

[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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Enterprise number:
NO 974404532

[13] Schedule

[14] EC-TYPE EXAMINATION CERTIFICATE No Nemko 03ATEX1456

[15] Description of Equipment or Protective System

An instrument for checking the presence of AC voltage 50-1000V in cables, wall sockets, fuses, circuit breakers, junction boxes etc

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
Volt Stick

Technical Data
2x1,5V

Ingress Protection Code
IP20 according to EN 60529.

[16] Report No. 11277

Descriptive Documents

Name/Title/Description	Drawing No./reference	Rev.	Date
Component list	Materialliste	2003-11-13	2003-11-13
Component layout	Kretsskjema	2003-11-13	2003-11-13
Circuit diagram	Volt stick ATEX	2003-11-06	2003-11-06
Material declaration	Produktmaterial	1	2003-11-18
Marking	Specification for customized Volt Stick 601042	-	2003-11-24
Marking	Specification for customized Volt Stick 605042	-	2003-11-24
Marking	Specification for customized Volt Stick 620642	-	2003-11-24
Marking	Specification for customized Volt Stick 660642	-	2003-11-24

Routine Test
None

[17] Special Conditions for Safe Use

See [15]

[18] Essential Health and Safety Requirements

See item 9

IMPORTANT NOTE: This certificate covers all Atex Volt Stick units within a range of 50-1000V. RS version 457-8327 range is from 230V-1000V.

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