

Translation

(1) **EC-Type Examination Certificate**

(2) Equipment and protective systems intended for use in potentially explosive atmospheres, **Directive 94/9/EC**



(3) **Certificate Number** TÜV 07 ATEX 554118  
(4) for the component: IS Micro Reader type IGMA 125IS  
(5) of the manufacturer: HI-G-TEK Ltd.  
(6) Address: 16 Hacharoshet St.  
Or-Yehuda 60375  
ISRAEL

Order number: 8000554118

Date of issue: 2008-01-25

- (7) This component of an equipment or protective system and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.
- (8) The TÜV NORD CERT GmbH, notified body No. 0044 in accordance with Article 9 of the Council Directive of the EC of March 23, 1994 (94/9/EC), 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 the confidential report No. 07203554118.
- (9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:  
**EN 60079-0:2006**                      **EN 60079-11:2007**                      **EN 60079-26:2007**

- (10) If the sign "U" is placed after the certificate number, it indicates that this certificate must not be confounded with an EC-Type Examination Certificate which is destined for an equipment or protective system. This partial certificate must only be used as a basis for an EC-Type Examination Certificate.
- (11) This EC-type examination certificate relates only to the design, examination and tests of the specified equipment in accordance to the Directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment. These are not covered by this certificate.
- (12) The marking of the component must include the following:

 **II 1 G Ex ia IIB T4**

TÜV NORD CERT GmbH, Langemarckstraße 20, 45141 Essen, accredited by the central office of the countries for safety engineering (ZLS), Ident. Nr. 0044, legal successor of the TÜV NORD CERT GmbH & Co. KG Ident. Nr. 0032

The head of the certification body

Schwedt

Hanover office, Am TÜV 1, 30519 Hanover, Fon +49 (0)511 986 1455, Fax +49 (0)511 986 1590

This certificate may only be reproduced without any change, schedule included.  
Excerpts or changes shall be allowed by the TÜV NORD CERT GmbH

(13) **SCHEDULE**

(14) **EC-Type Examination Certificate No. TÜV 07 ATEX 554118**

(15) Description of component

The IS Micro Reader type IGMA 125IS is a handheld RFID reader. The reader performs two basic functions, it verifies the status of the sending device and it also resets the sending device for a new use. In the second case the identification of the reader is stored in the memory of the sending device.

Technical data:

Supply	3V Lithium-Batterie Renata CR2032
Transmitter power	16.2mW
Transmitter frequency	125kHz

Permissible range of the ambient temperature:	- 20°C thru +60°C
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(16) Test documents are listed in the test report No. 07203554118.

(17) Special conditions for safe use

none

(18) Essential Health and Safety Requirements

no additional ones