



**BUREAU
VERITAS**

(1) **EC Certificate of Conformity**



(2) Equipment and Protective Systems Intended for Use
in Potentially Explosive Atmospheres – **Directive 94/9/EC**

(3) EC Certificate of Conformity Number:

EPS 11 ATEX 1 368 X

(4) Equipment: Mobile Phone Type CHALLENGER 1.0

(5) Manufacturer: i.safe MOBILE GmbH

(6) Address: i_PARK TAUBERFRANKEN 14
97922 Lauda-Koenigshofen

(7) This equipment and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

(8) Bureau Veritas Consumer Products Services Germany GmbH, Notified Body No. 2004 in accordance with Article 9 of the Council Directive 94/9/EC of March 23rd 1994, certifies, based on a voluntary testing, that this equipment 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 of the Directive. The examination and test results are recorded in the confidential report 11TH0476.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0:2006

EN 60079-11:2007

EN 60079-28:2007

(10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

(11) This EC Certificate of Conformity relates only to the design and the construction of the specified equipment in accordance with Directive 94/9/EC. Further requirements of this Directive apply to the manufacture and supply of this equipment.

(12) The marking of the equipment shall include the following:



II 3G Ex ic IIC T4

Certification department of explosion protection

Türkheim, December 21, 2011


A. Hänchen



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(13)

Annexe

(14) **EC-Certificate of Conformity EPS 11 ATEX 1 368 X**

(15) Description of equipment:

The mobile phone CHALLENGER 1.0 is a rugged industrial communication device with IP54 degree of protection for use in explosion hazardous areas of Zone 2, according to directive 94/9/EC.

The integrated laser-pointer complies with the requirements of EN 60079-28 for inherently safe optical radiation type of protection „op is“.

Electric data:

U_o Battery = 4,2V

I_o Battery = 2,32A

(16) Test report: 11TH0476

(17) Special conditions for safe use:

The test for impact according to EN 60079-0 Clause 26.4.2 was only done with the low impact energy Therefore it has to be assured that the risk of mechanical danger is at a low level


The device shall be only used in industrial location where the degree of pollution is reduced to minimum pollution degree 2 according to EN 60664-1.

(18) Essential health and safety requirements:

Met by standards.

Certification department of explosion protection

Türkheim, December 21, 2011


A. Hänchen