

To: X-guard BV  
Het Wegdam 4b  
7496 CA Hengevelde  
The Netherlands



# ATEX II 3GD

## 1. UNIT ASSESSMENT CERTIFICATE

Issued by a competent body in explosion safety


## 2. DOCUMENT NO. ARTIDOR 11ATEX1270 X

3. European Community Declaration of conformity for Group II Category 3GD equipment in accordance with Directive 94/9/EC Annex VIII.
4. We, ARTIDOR Explosion Safety BV, Mient 16-B, 2903 LC Capelle aan den IJssel, The Netherlands herewith declare that:
5. The apparatus: My-Bodyguard-PRO  
Converted to: Explosion safe according ATEX category II 3GD  
Type: MBPRO/EXN  
Quantity: 8 pieces  
TF & Lot no.: AS110606
6. is in conformity with the provisions of the following European Community directives, including the latest amendments, and with national legislation implementing these directives:
  - 94/9/EC (ATEX); concerning equipment and protective systems intended for use in potentially explosive atmospheres
7. and that the following harmonized standards have been applied:
  - EN 60079-0:2006
  - EN 60079-15:2005
  - EN 61241-0:2006
  - EN 61241-11:2007
8. The apparatus under (5) in its basic version is originally manufactured by: My-Bodyguard BV, The Netherlands.
9. Assessment and conversion to explosion safe is carried out by: ARTIDOR Explosion Safety BV, Mient 16-B, 2903 LC Capelle aan den IJssel, The Netherlands
10. on behalf of: X-Guard BV, Het Wegdam 4b, 7496 CA Hengevelde, The Netherlands under PO number / reference "Trigion Astellas".
11. After modification the apparatus and its parts fulfils all the essential safety requirements for Group II, Category 3GD equipment in accordance with Directive 94/9/EC. The design and construction complies with the standards mentioned above.

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12. The design is documented in the confidential technical construction file ARTIDOR no. AS110606.
13. The apparatus in its modified and evaluated configuration is a non-sparking apparatus designed to be suitable for use in a Zone 2 and Zone 22 hazardous classified location, provided the special instructions for safe use, which could be described in this declaration, are carefully adhered to.
14. The required marking of the apparatus includes the distinctive community mark:

CE followed by  II 3GD

15. In addition, the marking includes the CENELEC codewith regard to the protection degree against ignition and temperature class:

Ex nL IIC T4  
Ex iD A22 T85°C

16. This declaration relates only to the unique sample assessed, converted and marked by ARTIDOR Explosion Safety BV with the above mentioned Ex code, type and serial number.
17. Production is controlled by the ARTIDOR Quality Assurance system in accordance with ISO 9001:2008 and annex VIII of Directive 94/9/EC.
18. This declaration does not imply that the apparatus meets all statutory requirements in any particular industry or circumstance.

Artidor technical construction file no.: AS110606.

Capelle aan den IJssel, 21 June 2011  
Place and date

Signed  
ARTIDOR Explosion Safety BV



W. van Dienenhoven  
ATEX Authorized Person and Managing Director

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#### 19. Description

The apparatus MBPRO/EXN has been designed as a personal paging apparatus using satellite navigation and GSM mobile telephone systems for emergency call applications.

The apparatus consists of a shockproof non-metallic (ABS) housing containing a small rechargeable battery feeding the electronics. Furthermore, the apparatus may be equipped with a Zigbee module, an antenna, a miniature loudspeaker and two pushbuttons.

The apparatus is rechargeable. The battery charger however was not part of the assessment subject to this declaration.

Explosion safety has been assured by protection degree Intrinsic Safety, level of protection "nL" and "iD".

The MBPRO/EXN, which components and circuits are constructed according to the concept of energy limitation, meets the requirements for intrinsic safety level of protection "nL". Hereto the battery has been assessed and tested as a energy limited safe power source. It has been found that the electronic parts of the assembly do not contain any means of increasing the available voltage or current.

All assessments and routine tests have been carried out without deviations and in full compliance with the standards mentioned in this certificate. After modification it successfully withstood the relevant tests and evaluations. Throughout the prescribed tests, which were carried out under the requisite conditions, the housing surface temperature at no time exceeded the maximum temperature related to the T4 temperature class, corrected for the maximum ambient temperature specified in the rating and the 5 °C margin for type testing as mentioned in the standard.

This product should be used for its purpose as given by the original equipment manufacturer, considering all instructions mentioned in the documents are strictly followed.

The sign "X" placed after the declaration number indicates that the equipment is subject to special conditions for safe use as specified below.

#### 20. Electrical data:

Power source: Rechargeable Li-Polymer battery 3.7V, 2260 mAh  
Electronics: Meeting electrical properties as stated in the applicable standards.  
Antenna: Transmitting power max. 2 watt, 900 MHz band

#### 21. SPECIAL INSTRUCTIONS FOR SAFE USE

The apparatus shall only be charged under safe area conditions.

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