



## EC-TYPE EXAMINATION CERTIFICATE

**Equipment or Protective System Intended for use  
in Potentially Explosive Atmospheres  
Directive 94/9/EC**

EC-Type Examination Certificate Number : **BAS00ATEX1067X**

Equipment or Protective System: **BG3I MANUAL CALL POINT**

Manufacturer: **MEDC**

Address: **Colliery Road, Pinxton, Nottingham, NG16 6JF**

This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

The Electrical Equipment Certification Service, notified body number 600 in accordance with Article 9 of the 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 N°

**99(C)0921 dated 8 May 2000**

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


**EN 50014: 1997 + Amds 1 and 2      EN 50020: 1994      EN 50284: 1999**

except in respect of those requirements listed at item 18 of the Schedule.

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.

This EC-TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified equipment or protective system. If applicable, further requirements of this Directive apply to the manufacture and supply of this equipment or protective system.

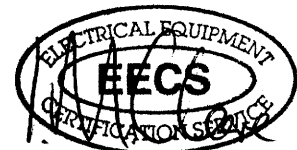
The marking of the equipment or protective system shall include the following:-

 **II 1 G      EEx ia IIC T4 (T<sub>amb</sub> -55°C to +55°C)**

This certificate may only be reproduced in its entirety and without any change, schedule included.

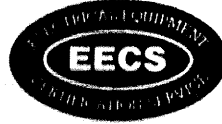
File No: **EECS 0676/01/012**

This certificate is granted subject to the general conditions of the Electrical Equipment Certification Service. It does not necessarily indicate that the apparatus may be used in particular industries or circumstances.



**Electrical Equipment Certification Service  
Health and Safety Executive  
Harpur Hill, Buxton, Derbyshire. SK17 9JN. United Kingdom  
Tel: 01298 28000 Fax: 01298 28244**

**I M CLEARE  
DIRECTOR  
12 May 2000**



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**Schedule**

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**Description of Equipment or Protective System**

The BG3I Manual Call Point is designed to provide an electrical signal and an optional light indication when an alarm switch is manually operated.

It comprises an actuator mechanism with a break glass, up to two switches, and components as detailed in the table below connected to a terminal block with up to six ways, all housed in a plastic enclosure.

Component	Value	Quantity
Resistor	470Ω min., 0.6W min	Up to 6
Diode	1N4004 - 1N4007	Up to 6
Zener Diode	1W min., 5W max.	Up to 6
LED	LT 4268	Up to 1

Note: All components have a surface area of not less than 20 mm<sup>2</sup>

**Electrical Parameters**

U<sub>i</sub> = 29V  
I<sub>i</sub> = 147 mA  
P<sub>i</sub> = 0.8W  
C<sub>i</sub> = 0  
L<sub>i</sub> = 0

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**Report No.**

BASEEFA Certification Report No. 99(C)0921 dated 3 May 2000.

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**Special Conditions For Safe Use**

When the unit is constructed or coated in a non-conductive material, precautions should be taken to prevent the build up of electrostatic charges.

Clean only with a damp cloth.

Apparatus constructed in such a manner can be identified by a warning label.



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**Schedule**

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**Essential Health and Safety Requirements**

<b>Essential Health &amp; Safety Requirements not covered by Standards listed at (9)</b>		
<b>Clause</b>	<b>Subject</b>	<b>Compliance</b>
1.1.3	Changes in characteristics of materials and combinations thereof	See Report No. 99(C)0921
1.2.2	Components for incorporation or replacement	See Report No. 99(C)0921
1.2.5	Additional means of protection	See Report No. 99(C)0921
1.4.2	Withstanding attack by aggressive substances	See Report No. 99(C)0921

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**DRAWINGS**

<b>Number</b>	<b>Issue</b>	<b>Date</b>	<b>Description</b>
233-101	A	21.7.99	General Arrangement
233-121	A	10.10.99	Certification Label

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BASEEFA List Keywords  
2ALARM