

CERTIFICATE OF CONSTANCY OF PERFORMANCE

Issued by DBI Certification, notified body No. 2531.

In compliance with *Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011* (the Construction Products Regulation or CPR), this certificate applies to the construction product

GFE-AD-S	Analogue addressable smoke detector	Addressable by dip-switch
GFE-AD-S-LED	Analogue addressable smoke detector with output for LED	Addressable by dip-switch
GFE-AA-S	Analogue addressable smoke detector	Addressable by hand-held programmable devices
GFE-AA-S-LED	Analogue addressable smoke detector with output for LED	Addressable by hand-held programmable devices

for applications related to automatic fire alarm systems

produced by

**Global Fire Equipment Ltd,
M.A.R.F. – Sito Guilmin
Armazén F3 & F4, Caixa Postal 1-M
8005-021 FARO,
PORTUGAL**

and produced in the manufacturing plant 232.1483

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the standard(s)

EN54-7:2000/A1:2002 Fire detection and fire alarm systems – Part 7:
EN54-7:2000/A2:2006 Smoke detectors – Point detectors using scattered light, transmitted light or ionization

under system 1 are applied and that the product fulfils all the prescribed requirements of the above mentioned standards.

This certificate was issued on **2014-08-01** and will remain valid as long as the test methods and/or factory production control requirements included in the harmonized standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.

The 3 attached annexes forms part of this certificate.

This certificate supersedes earlier version of this certificate, issued 2013-03-22 by NB 0845.



Merete Poulsen



Tom Nisted

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DBI Certification A/S

Jernholmen 12, 2650 Hvidovre
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Annex: 1

Date: 2014-08-01

EXTENT

TYPE	DESCRIPTION
GFE-AD-S	Analogue addressable optical smoke detector
GFE-AD-S-LED	Analogue addressable optical smoke detector with output for LED
GFE-AA-S	Analogue addressable optical smoke detector
GFE-AA-S-LED	Analogue addressable optical smoke detector with output for LED

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TEST DOCUMENTATION

Accredited laboratory	Report no.	Date
DELTA	DANAK-199748	2005-04-21

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Date: 2014-08-01

TECHNICAL BASIS

File Number	Title	Version	Pages	Date
RD06I-35801	NB358 USER'S MANUAL	1.0	2	2004-08-06
RD06I-35801M	NB358 SERIES ADDRESSING GUIDE	1.0	1	2005-04-28
RD06K-35801	NB358 HAND DEVICE MANUAL	1.0	2	2004-08-06
RD06G-358	NB358 CIRCUIT PRINCIPLES	1.0	3	2004-08-06
RD06M-35801A	NB358 SERIES MAIN PROGRAM FLOW DESCRIPTION	1.0	2	2004-08-06
RD06P-35801A	NB358 SERIES MEMORY DESCRIPTION	1.0	1	2004-08-06
RD06O-35801A	NB358 PRODUCTION FLOW	1.0	1	2004-08-06
	NB358 SERIES MODEL LIST		1	
RD06P-35801M	NB358 SERIES DETECTOR LABELS	3.0	1	2005-04-18
RD06A-35801B	NB358D-S-LED CIRCUIT	1.0	1	2004-07-06
RD06A-35801E	NB358D-S CIRCUIT	1.0	1	2004-07-06
RD06A-35801H	NB358A-S-LED CIRCUIT	1.0	1	2004-07-06
RD06A-35801K	NB358A-S CIRCUIT	1.0	1	2004-07-06
RD06E-35805A	Top LAYER of NB358 Series PCB Drawing	1.0	1	2004-08-06
RD06E-35805B	Bottom LAYER of NB358 Series PCB Drawing	1.0	1	2004-08-06
RD06E-35805C	Mechanical layer of NB358 series PCB drawing	1.0	1	2004-08-06
RD06E-35801H	NB358A-S-LED COMPONENT LOCATION	1.0	1	2004-08-06
RD06E-35801K	NB358A-S COMPONENT LOCATION	1.0	1	2004-08-06
RD06E-35801E	NB358D-S COMPONENT LOCATION	1.0	1	2004-08-06
RD06E-35801B	NB358D-S-LED COMPONENT LOCATION	1.0	1	2004-08-06

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TECHNICAL BASIS continued

File Number	Title	Version	Pages	Date
RD06F-35801B	NB358D-S-LED BOM	2.0	2	2005-04-27
RD06F-35801E	NB358D-S BOM	2.0	2	2005-04-27
RD06F-35801H	NB358A-S-LED BOM	1.0	2	2004-08-06
RD06F-35801K	NB358A-S BOM	1.0	2	2004-08-06
RD06D-35800A	NB358D-S Mechanical Assembly	1.0	1	2004-06-01
RD06D-35800D	NB358D-S-LED Mechanical Assembly	1.0	1	2004-06-01
RD06D-35800G	NB358A-S Mechanical Assembly	1.0	1	2004-06-01
RD06D-35800J	NB358A-S-LED Mechanical Assembly	1.0	1	2004-06-01
RD06C-35802A	NB358D SERIAL BOTTOM CASING	1.0	1	2004-06-01
RD06C-35802B	NB358A SERIAL BOTTOM CASING	1.0	1	2004-06-01
RD06C-35803A	NB358H,S SERIAL FRONT COVER	1.0	1	2004-06-01
RD06C-35807A	NB358 SERIAL CHAMBER DOWNCOVER	1.0	1	2004-06-01
RD06C-35808A	NB358A SERIAL CHAMBER LID	1.0	1	2004-06-01
RD06C-35809A	NB358 SERIAL CHAMBER LED BASE	1.0	1	2004-06-01
RD06C-35805A	NB358 SERIAL THERMISTTOR HOLDER	1.0	1	2004-06-01
RD06D-35806A	NB358 SERIAL VANE GUARD	1.0	1	2004-06-01
RD06C-35817A	NB358 SERIAL SHIM5	1.0	1	2004-06-01
RD06C-35816A	NB358 SERIAL SHIM6	1.0	1	2004-06-01
RD06C-35815A	NB358 SERIAL SHIM3	1.0	1	2004-06-01
RD06C-35814A	NB358 SERIAL CLIP	1.0	1	2004-06-01
RD06C-35813A	NB358 SERIAL SHIM2	1.0	1	2004-06-01
RD06C-35812A	NB358 SERIAL SHIM1	1.0	1	2004-06-01
RD06C-35811A	NB358 SERIAL SHIM7	1.0	1	2004-06-01
RD06C-35804A	NB358 SERIAL BASE	1.0	1	2004-06-01

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TECHNICAL BASIS continued

File Number	Title	Version	Pages	Date
RD06E-35801A	NB358 TECHNICAL BULLETN	1.0	13	2004-07-06
RD06P-35801K	Response to slowly developing fires	1.0	2	2005-4-02
RD06P-35801N	Additional Description Of Response To Slowly Developing Fires of NB358	1.0	3	2005-04-18
RD06P-35801A	NB358 series program flow description	1.0	2	2004-08-06
RD06P-35801B	Interaction of software and hardware in NB358	1.0	1	2005-03-12
RD06P-35801C	NB358 Series Memory Areas Description	2.0	4	2005-03-12
RD06P-35801D	NB358 Software Version Description	2.0	1	2005-04-18
RD06P-35801E	A Description Of Each Module In NB358	1.0	1	2005-03-12
RD06P-35801F	Details Of Software Tools Used In NB358 Design	1.0	1	2005-03-12
RD06P-35801G	Software Design Of NB358	1.0	1	2005-03-12
RD06P-35801H	The Storage of Programs And Data	1.0	1	2005-03-12
RD06P-35801I	Source code of NB358 series detectors	1.0	9	2005-04-02
RD06P-35801J	NB358 Series Memory Areas Description 2	1.0	18	2005-04-14
RD06P-35801L	NB358 series interrupt program diagram	1.0	1	2005-04-14

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