

SGS Bulgaria Ltd.
 25A, Tsar Osvoboditel Blvd.
 1504 Sofia/Bulgaria
 Tel.: (359-2) 910 15
 Fax: (359-2) 981 81 43
 E_mail: sgs_bulgaria@sgs.com



SGS
ORIGINAL

September 07th, 2005

INSPECTION REPORT

Ref: 03/INEM/051-6

IN PURSUANCE OF AN ORDER RECEIVED FROM UNIPOS OOD, REQUESTING US TO CARRY OUT THE INSPECTION WITHIN THE SUBJECT AND SCOPE DESCRIBED AS FOLLOWS:

1. Subject of the inspection

Manual call point fire detectors type FD xx50, presented at "Plemed" EOOD Test Laboratory in Pleven/ Bulgaria.

2. SCOPE OF THE INSPECTION

As per our offer Ref. No № 0472/16.05.2005:

- Identification of Manual call point fire detectors type FD xx50, as described herein above, by visual inspection and presented technical documentation and data (manufacturer, type, serial numbers);
- Witness test of Manual call point fire detectors type FD xx50 for compliance with the requirements of standard EN 54-11:2001 – Fire detection and fire alarm systems. Manual call points

3. RESULTS OF THE INSPECTION

The test of Manual call point fire detectors type FD xx50 was performed from July 08th to July 25th, 2005 at "Plemed" EOOD Test Laboratory in Pleven, No 114, "Grenaderska" Street, Bulgaria.

The tests were performed by Mr. Stanoev, Mr. Chorbadzhev, from Test Laboratory and Mr. Angelov, from UNIPOS OOD, observed by Mr. Ganov, representative of SGS Bulgaria Ltd. and approved by Mr. Borissov.

Manual call point fire detectors type FD xx50, presented for inspection, were identified as Addressable Manual call point fire detectors type FD 7150. The serial numbers of the goods are listed below:

Fire detector	Addressable Manual call point fire detectors FD 7150
Serial Numbers	170505181
	170505182
	170505183
	170505184
	170505185
	170505186
	170505187
	170505188
	170505189
	170505190
	170505191
	170505192
	170505193

SGS representative witnesses the test of Manual call point fire detectors type FD xx50, with the under noted details, stated to be representative sample of production, for compliance with the requirements of standard BDS EN 54-11:2001 – Fire detection and fire alarm systems. Manual call points.



Visual inspection for compliance with drawings was performed.

The following apparatus were used during the test:

- Heat Tunnel HT 2001, HO 01 17002, inventory No 016, certificate No 007/13.05.203, as per EN 54-5;
- Digital Multimeter MY 68, serial number 05071939, certificate No LKSIEV-217/26.11.2004 State Agency in Standardization and Metrology (SASM), Measures and Measuring Equipment General Directorate,
- Thermometer Hg, inventory No 041, certificate No B196/09.12.2004 Laboratory complex "INTERLAB" – Sofia;
- Regulated rectifier STATRON TYP 3205, inventory No 4478;
- Humidity chamber, HO 01-17001, inventory No 015, certificate No 001 / 16.05.2005 Plemed Ltd.;
- Cold chamber, HO 03-17006, inventory No 028, certificate No 004 / 17.05.2005 Plemed Ltd.;
- Technical Appliance for side-impact test TA 03-17007, inventory No 029, certificate No 010/18.05.2005 "Plemed Ltd. As per EN 54-5;
- Slide Callipers INOX, inventory No 013;
- Scales E 5500 S, serial number 36080001;
- Fire Control Panel FS 7002, inventory No 002/2005 – used only for the tests of FD 7150.

The following parts of the standard were followed:

STANDARD	DESCRIPTION	PART
EN 54-11:2001 – Manual call points.	Fire detection and fire alarm systems	Part 11: Manual call points.
IEC 60068-2-1:1990 / A1:1993 / A2:1994	Environmental testing	Part 2: Tests – Tests Ab: Cold
IEC 60068-2-30:1980 / A1:1985	Environmental testing	Tests Db, Damp Heat
BDS EN 60529:2000	Degree of protection	

The protocol No. 09/2005-07-28, representing the results of the test of Manual call point fire detectors type FD xx50 have been endorsed by the above mentioned representatives of UNIPOS OOD, Test Laboratory and SGS Bulgaria Ltd. and become part of this report.

The results of the testing having been found satisfactory for the Manual call point fire detectors type FD xx50, as stated above, insofar as tested at this time, complies with the requirements of standard EN 54-11:2001 – Fire detection and fire alarm systems. Manual call points,

The findings of this Report are limited to the place and date of inspection.



SGS BULGARIA LTD.

Enclosure: Photo report
Protocol No 09/2005-07-28

