

December 21, 1998

Dr. Robert Dudley, Technical Manager
Apollo Fire Detectors Limited
36 Brookside Road
Havant, Hampshire PO9 1JR
England, United Kingdom

Dear DR. Dudley:

Thank you for your letter dated October 15, 1998, and the enclosed copies of drawings showing the design and contents of labels for the Series 60 and XP95A ionization smoke detectors (Drawing Numbers 39117-524 and 39117-529). We also acknowledge the receipt of a copy of the drawing of the label that will be used as the point of sale packaging (Drawing Numbers 39117-532).

We appreciate your effort to keep your Registration Certificate up to date. If you have any questions, please do not hesitate to contact me at (301)415-7894 or Mr. Steven Baggett at (301)415-7273.

Sincerely,

/s/
Ujagar S. Bhachu, Mechanical Engineer
Materials Safety Branch
Division of Industrial and
Medical Nuclear Safety
Office of Nuclear Material Safety
And Safeguards

cc: S. Kimberly, LFDCB

Distribution:
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NEO1 *JK*

RES Company Lic. No. MI-21-2380J-2E
NR-0160-D-101-E

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OFFICE	MSB	☒					
NAME	USBhachu <i>U.S.B.</i>		SBaggett				
DATE	12/14/98		12/14/98				

OFFICIAL RECORD COPY

9812280136 981015
PDR RC *
SSD PDR

DO NOT SCALE

IF IN DOUBT - ASK

METRIC DIMENSIONS

THIRD ANGLE PROJECTION

38.00

FIRECOM, Inc.

THIS DETECTOR CONTAINS RADIOACTIVE MATERIAL AND
HAS BEEN MANUFACTURED IN COMPLIANCE WITH U.S.
NRC SAFETY CRITERIA IN 10 CFR 32.27. THE PURCHASER
IS EXEMPT FROM ANY REGULATORY REQUIREMENTS.

NRC LICENSE No. 21-23805-02E

AMERICIUM 241 0.9 MICROCURIES

16.00

R0.50

A - - INTRODUCED 6/96 KPS

ISS MOD D.C.N. CHANGE, DATE AND SIGNATURE

SPECIFICATION

MATERIAL

REFER TO NOTES

TOLERANCES

 ± 0.2

UNLESS STATED

FINISH

SCALE

4:1

CLEAN & TIDY



apollo
FIRE DETECTORS LIMITED

DESIGN
APPROVED

TITLE

FIRECOM IONIZATION
DETECTOR LID PACKAGING

APPROVED

CHECKED

DRG No

DRAWN

39117-532

CAD

UNCONTROLLED ISSUE

FIRECOM. 39-27 59 STREET, WOODSIDE
NEW YORK 11377

XF-5A IONIZATION SMOKE DETECTOR

WARNING: CONNECT ONLY TO CIRCUITS SPECIFIED IN DETECTOR
/ PANEL LITERATURE OR SYSTEM MAY NOT OPERATE
COMPAT ID: F900-550 REF INST DRG 39214-054 TEMP NOT
TO EXCEED 100°F/37.8°C U.S. NRC LICENSE No 21-23805-02E
Do Not Disassemble. For Repair Return To Firecom

MODEL No. F900-550
SERIAL No.
REVISION NO

SENSITIVITY ± %/H
SUPPLY: 17 to 28Vdc

**CONTAINS
RADIOACTIVE
MATERIAL
0.9 microcuries
AMERICIUM 241**

MADE IN ENGLAND
S5022

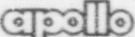
Underwriters
Laboratories Inc. ®
LISTED

SMOKE-AUTOMATIC
FIRE DETECTOR HEAD
FOR USE WITH A S5022
UL LISTED BASE.

ISSUE No.
DO NOT REMOVE LABEL

3.50
MINIMUM SPACING
60.00

22.00

			SCALE	TOLERANCES UNLESS STATED	
			4:1	LINEAR $\pm 0.25\text{mm}$	ANGULAR
SPECIFICATION			MATERIAL REFER TO SPEC. DATA SHEET 46000-002		FINISH REFER TO SPEC. DATA SHEET 46000-002
ISS.	MOD.	CON. NO.	CHANGE, DATE & SIGNATURE		
A	-	-	INTRODUCED 6/96 KPS		

CURRENT REVISION		D.C.N. No.	CHANGE, DATE AND SIGNATURE
ISS 1	MOD -	A2112	DESIGN FIRM 10/98 CR

[illegible]

C A D	DESIGN	TITLE XP95A IONIZATION DETECTOR LABEL
	APPROVED	
	CHECKED	
	DRAWN <i>Paul</i>	

December 21, 1998

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Apollo Fire Detectors Limited
36 Brookside Road
Havant, Hampshire PO9 1JR
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Dear DR. Dudley:

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Sincerely,

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Ujagar S. Bhachu, Mechanical Engineer
Materials Safety Branch
Division of Industrial and
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Office of Nuclear Material Safety
And Safeguards

cc: S. Kimberly, LFDCB

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SSS r/f

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9812280136

DO NOT SCALE

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METRIC DIMENSIONS

THIRD ANGLE PROJECTION

38.00

FIRECOM, Inc.

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HAS BEEN MANUFACTURED IN COMPLIANCE WITH U.S.
NRC SAFETY CRITERIA IN 10 CFR 32.27. THE PURCHASER
IS EXEMPT FROM ANY REGULATORY REQUIREMENTS.

NRC LICENSE No.21-23805-02E

AMERICIUM 241 0.9 MICROCURIES

16.00

R0.50

A - - INTRODUCED 6/96 KPS

ISS MOD D.C.N. CHANGE, DATE AND SIGNATURE

SPECIFICATION

MATERIAL

REFER TO NOTES

TOLERANCES

 ± 0.2

UNLESS STATED

FINISH

SCALE

4:1

CLEAN & TIDY



apollo
FIRE DETECTORS LIMITED

DESIGN
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FIRECOM IONIZATION
DETECTOR LID PACKAGING

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DRG. No.

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UNCONTROLLED ISSUE

Figure 4: Firecom XP95A Ionization Smoke Detector Label and Dimensions

Label Content:

FIRECOM 39-27 59 STREET, WOODSIDE, NEW YORK 11377

XP95A IONIZATION SMOKE DETECTOR

WARNING: CONNECT ONLY TO CIRCUITS SPECIFIED IN DETECTOR / PANEL LITERATURE OR SYSTEM MAY NOT OPERATE
 COMPAT ID: F900-550 REF. INST. URG. 39214-054 TEMP. NOT TO EXCEED 100°F/37.8°C U.S. NRC LICENSE No. 21-23805-02E
 Do Not Dismantle. For Repair Return To Firecom

MODEL No. F900-550
 SERIAL No. _____
 REVISION NO. _____

SENSITIVITY: _____ %/ft
 SUPPLY: 17 to 28Vdc

MADE IN ENGLAND
 S5022
 Underwriters Laboratories Inc. ® LISTED

SMOKE-AUTOMATIC FIRE DETECTOR HEAD FOR USE WITH A S5022 UL LISTED BASE.

DO NOT REMOVE LABEL

Dimensions:

- Character Height: 3.50
- Stroke: 3.50
- Spacing: 60.00
- Overall Height: 22.00

Notes:

- CHARACTER HEIGHT, STROKE & SPACING TO BE AS SHOWN
- ISSUE No. TO BE ADDED IN ACCORDANCE WITH UL INSTRUCTIONS
- ANTI TAMPER SLITS TO BE ADDED AS PER FIGURE A.

Figure A: Anti Tamper Slits

Figure A shows a diagram of a rectangular component with four diagonal lines (slits) extending from the corners towards the center, used for anti-tampering.

[illegible]

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FIRECOM IONIZATION
DETECTOR LID PACKAGING

CHECKED

DRG. No.

DRAWN

39117-532

CAD

UNCONTROLLED ISSUE

FIRECOM 39-27 59 Street, Woodside
New York 11377

SERIES 60A IONIZATION SMOKE DETECTOR

WARNING: CONNECT ONLY TO CIRCUITS SPECIFIED IN DETECTOR
/ PANEL LITERATURE OR SYSTEM MAY NOT OPERATE
COMPAT ID: F600-250 REF. INST. DRG. 39214-056
NRC LICENSE No 21-23805-02E

Do Not Disassemble, For Repair Turn To...

MAX. INSTALLATION TEMP 70°C/158°F

MODEL No. F600-250

SERIAL No.

REVISION NO

MADE IN ENGLAND
S5022

Underwriters
Laboratories Inc. LISTED

SMOKE-AUTOMATIC
FIRE DETECTOR HEAD
FOR USE WITH A S5022
UL LISTED BASE

ISSUE No.

DO NOT REMOVE LABEL

3.50

60.00

22.00

R1.00

MINIMUM SPACING

FIRECOM 39-27 59 STREET, WOODSIDE
NEW YORK 11377

XP95A IONIZATION SMOKE DETECTOR

WARNING: CONNECT ONLY TO CIRCUITS SPECIFIED IN DETECTOR
/ PANEL LITERATURE OR SYSTEM MAY NOT OPERATE
COMPAT 10 F900-550 REF INST DRG 39214-054 TEMP NOT
TO EXCEED 100°F/37.8°C U.S. NRC LICENSE No. 21-25805-02E
Do Not Dismantle. For Repair Return To Firecom.

MODEL No. F900-550
SERIAL No.
REVISION No.

SENSITIVITY x %/ft
SUPPLY: 17 to 28Vdc

MADE IN ENGLAND
S5022

Underwriters
Laboratories Inc. ®
LISTED

SMOKE-AUTOMATIC
FIRE DETECTOR HEAD
FOR USE WITH A S5022
UL LISTED BASE.

ISSUE No.
DO NOT REMOVE LABEL

3.50
MINIMUM SPACING
60.00

22.00

NOTES -

1. CHARACTER HEIGHT, STROKE & SPACING TO BE AS SHOWN

IMPORTANT NOTE

2. ISSUE No. TO BE ADDED IN ACCORDANCE WITH U.L. INSTRUCTIONS.
3. ANTI TAMPER SLITS TO BE ADDED AS PER FIGURE A.

FIGURE A.
NOT TO SCALE

CURRENT REVISION		D.C.N. No.	CHANGE, DATE AND SIGNATURE
ISS	MOD -	A2112	DESIGN FIRM 10/98 CR

C A D	DESIGN		TITLE XP95A IONIZATION DETECTOR LABEL
	APPROVED		
	CHECKED		
	DRAWN	<i>East</i>	
			DRG No 39117-524

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TITLE

APPROVED

FIRECOM IONIZATION
DETECTOR LID PACKAGING

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CAD

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