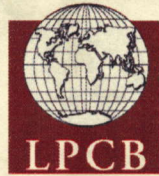


Loss Prevention Certification Board



This is to certify

Nitin Fire Protection Industries Ltd
501 Delta, Technology Street, Hirandani Gardens,
Powai, Mumbai 400 076, India

is authorised to use the LPCB mark in association with the
product(s) listed in this certificate and appendix.

Nitin227 & Nitin1230 Gaseous Extinguishing System
Fire Fighting Components
(refer to attached appendix for details)

which have complied with the requirements of the following:

Fixed firefighting systems-Components for gas extinguishing systems

LPCB Technical Approval based upon prEN 12094-7:2006 Part 7: Requirements and test methods for
nozzles

Certificate No. 855b

Issue No. 2

Date of Issue 10 July 2009

This certificate is valid until withdrawn by LPCB.
To check the validity and the authenticity of this certificate please
visit our website www.RedBookLive.com or contact us.

Signed on behalf of the LPCB



B W Lywood

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APPENDIX TO CERTIFICATE NO. 855b

Nitin Fire Protection Industries Ltd

Nitin227 & Nitin1230 Fire Fighting Components

- a. This range of equipment is suitable for storage temperatures of -20°C to 50°C and is approved for use with HFC227ea and FK 5-1-12 (Novec™ 1230).
- b. HFC227ea equipment is approved for use in conjunction with Nitin Fire Protection Industries Ltd Design Manual Reference 'Nitin Fire HFC227 Manual' – Issue 09-06 'June 2009'.
- c. FK 5-1-12 equipment is approved for use in conjunction with Nitin Fire Protection Industries Ltd Design Manual Reference 'Nitin Fire Novec1230 Manual' – Issue 09-06 'June 2009'.
- d. Nominal system pressure for HFC227ea components at 20°C is stated at 25 bar or 42 bar.
- e. Nominal system pressure for FK 5-1-12 components at 20°C is stated at 25 bar or 42 bar.

Nitin227 & Nitin1230 Nozzles

Product Name	Description	LPCB Ref. No.
NF2515xyzzz	15mm Nozzle ^(1, 2, 3)	855b/01
NF2520 xyzzz	20mm Nozzle ^(1, 2, 3)	855b/02
NF2525 xyzzz	25mm Nozzle ^(1, 2, 3)	855b/03
NF2532 xyzzz	32mm Nozzle ^(1, 2, 3)	855b/04
NF2540 xyzzz	40mm Nozzle ^(1, 2, 3)	855b/05
NF2550 xyzzz	50mm Nozzle ^(1, 2, 3)	855b/06

Notes:

1. Where 'x' in nozzle part number is replaced with '1' for NPT thread or '2' for BSPT thread.
2. Where 'y' in nozzle part number is replaced with '1' for 180° coverage pattern or '2' for 360° coverage pattern.
3. Where 'zzz' in nozzle part number is the nozzle drilling in 0.00mm (Minimum approved drilling size 3mm)

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