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Certificate No 855d to LPS 1230

'Nitin1230' 25 bar & 42 bar FK 5-1-12 (Novec 1230) Gaseous Fire Suppression System

Product	Risk	Design Concentration	Comments	LPCB Ref. No.
Nitin1230	Class A Standard (Solid fires e.g. paper, wood, plastics)	5.3%	Design concentration includes 30% safety factor	855d/02
Nitin1230	Class A Cables (Solid fires risks including cables)	5.5%	Confirmation that 'minimum safety factor' is adequate	855d/02
Nitin1230	Class B (Liquid Fires e.g.heptane)	6.5%	Design concentration includes 30% safety factor	855d/02

Design concentration Class A Standard and Class B = Extinguishing concentration x safety factor (minimum 1.3).

Design concentrations are as tested to LPS 1230 in BRE Test Report Number 231870 (25 bar) & 254632 (42 bar) and Test Letter 282069 (Class A Cables risks)
Extinguishing concentrations are as tested in BRE Test Report Number 231870 (ISO 14520-1 tests).

This system uses:

Design Manual: 'Eurotech Fire Novec1230 Manual' - Issue 13-04.

Software Program: VdS Schadenverhutung calculation package version 7.2 .

This system is suitable for storage and environmental conditions from -20Â° to 50Â°C.

System pressure is specified as 25 bar and 42 bar at 20Â°C.

To read the Red Book section introduction click here.

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