

FM Approval for Firetrace International's E4

JULY 14TH 2016

Firetrace International, the global manufacturer of fire suppression solutions for commercial, industrial, government and military applications, has achieved FM approval for its advanced E4 engineered clean agent total flooding system.

E4 obtained the FM Approval for its high-performance 500 PSI / 35 bar 3M™ Novec™ 1230 systems. FM Approval is a testing standard issued by FM Global, a worldwide company that provides comprehensive global commercial and industrial property insurance. With the achievement of the FM Approval, FM-insured companies worldwide now have access to the industry-leading performance offered by the Firetrace International E4 system.

E4, which is also UL Listed, delivers a host of substantial and measurable performance enhancements when compared with traditional clean agent total flooding systems. These include superior performance, greater flexibility, improved value, speedier installation and a measurable competitive edge for system installers.

“Our E4 system takes full advantage of the unique characteristics of 3M™ Novec™1230 Fire Suppression Fluid,” said Mark Cavanaugh, president and CEO of Firetrace International. “It’s a fantastic achievement to obtain FM Approval for E4 and reflects the hard work of our team in ensuring that our products meet the highest international standards.”

Thanks to the unique properties of Novec 1230, E4 systems are safely pressurized to 500 psi (35 bar) in low-pressure hardware. The increased pressurization enables incredible performance gains when compared with traditional total flooding systems that conform to conventions developed for Halon in the 1980s; conventions that were continued by many HFC system manufacturers and ultimately on to their Novec systems.

The increased pressure of E4 offers greater design flexibility and lower overall hardware and installation costs. Its capabilities include a dramatic increase in both vertical and horizontal cylinder to nozzle distance when compared with traditional clean agent total flooding systems.

E4 systems use between 25% and 40% less piping and provide over 600% liquid agent to pipe volumes. This is the largest network possible without the need for expensive supplementary nitrogen driver systems.

Systems are available in eight cylinder sizes with fill volumes ranging from 8 lb. (4kg) to 1300 lb. (590 kg), with the 1300 lb. cylinder being the largest single unit fire suppression system in the industry. E4 is compatible with most popular releasing panels and complies fully with every aspect of NFPA 2001: 2012.

E4 clean agent total flooding systems are manufactured in an AS9100C/ISO 9001:2008 certified facility.

About Firetrace[®] International

ISO 9001:2008 registered Firetrace International is headquartered in Scottsdale, Arizona, with its EMEA offices in Gatwick in the UK. Genuine Firetrace is available only via Firetrace International's global network of authorised distributors. These trading partners are skilled in hazard analysis, agent and system selection, installation, commissioning and support. They also use only genuine Firetrace components.

For images or further press information please contact;

Claire Cruickshank, Head of PR
Nautilus PR Ltd
Tel: 01327 304058/07983 621725
Email: claire@nautiluspr.co.uk