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Zenova Group PLC
("Zenova", the "Company" or the "Group")

Confirmation of leading edge Zenova FX extinguishers compliance and inaugural order in Germany

Zenova Group PLC (AIM: ZED), the innovative fire suppression and interdiction solutions Company, is pleased to provide an update on the progress of its market-leading Zenova FX fire extinguisher range:

- **PFAS free**

Zenova FX extinguishing fluids were independently tested and analysed by a third-party chemist in the USA for PFAS (Per- and Polyfluorinated Substances). This analysis confirmed that the Zenova FX fluid is fully compliant with existing EU standards and regulations and that any trace elements of PFAS are well below the current standards. Additionally, these tests confirmed that the fluid is also compliant with all regulations banning PFOS (Perfluoro octane sulfonic acid) and PFOA (Per Fluor Octanoic Acid).

The Directors of Zenova believe that this makes the Zenova FX range of extinguishers the most effective fire extinguishers with the smallest environmental chemical impact.

- **Successful Government and Fire Industry demo**

Zenova recently demonstrated the capabilities of its Zenova FX range of fire extinguishers to a group of leading UK Government and Fire Industry experts captured in the accompanying video. These demonstrations were conducted with the guidance of The Fire Service College, a division of FTSE 100 company Capita PLC, and leading training agency.

The Zenova FX extinguishers performed exceptionally well dealing with a large diesel test fire conducted on a 233B tray that normally holds 200L of diesel. The Zenova team used a 9L extinguisher and put out the fire using only a third of its fluid, while the Fire Service consultants confirmed that two 9L competitor products are often not sufficient to put out a fire this size. Another highlight of the day's demos was the Group's FX500 mastery in extinguishing class A fires and in particular, magnesium fires. A thermal imaging camera was used during that effort, and it showed the affected area's temperature plummet from 500 degrees centigrade to just 10 degrees, in seconds. A magnesium fire was the closest the consultants could get to reproducing the conditions of a lithium battery fire.

<https://youtu.be/vul8m4OsHQU>

What further impressed the industry experts was that the Zenova FX extinguishers do not require elaborate post-usage clean-up, which is particularly attractive to firefighter health and safety, and ~~that~~ using Zenova FX eliminates the ignition risk as surfaces dropped quickly below ignition temperature.

- **Inaugural order from Germany**

Zenova is pleased to announce that they have received a preliminary order for 100 units of Zenova FX fire extinguishers from a large strategic client in Germany.

The client was particularly impressed with the capabilities of the Zenova FX range and is planning to roll out these extinguishers for multiple locations across Germany which will result in further larger orders for Zenova from this market.

Thomas Melchior, CEO of the Zenova Group commented, "The recent Government and industry product demonstration, as well as the independent PFAS testing, reinforces our view of the specific performance capabilities of our Zenova FX extinguisher products and our ability to demonstrate that in the marketplace.

This initial order from Germany is just the first step in gaining market penetration and we are confident sales successes should follow on from the increasing market profile of the Zenova FX series."

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About Zenova Group PLC

The Group, through Zenova Ltd, is the holder of intellectual property that underpins a suite of fire safety and temperature management products and technology. The product range is applicable to industrial, commercial, and residential markets. The Group's products include fire retardant paints, insulating paints and render, fire extinguishing fluid and fire extinguishers. Through innovative development, and a refined formulation and development process, Zenova provides industry leading solutions across a range of fire protection and temperature management problems, comprising:

Zenova FP, fire protection paint

A water based, fire protection paint (also known as a 'thermofoaming' or 'intumescent' paint), which can be used on any surface and colour matched to any colour. When exposed to heat or flames, the paint expands and creates a solid foam-like crust which will not burn and insulates the surface it is painted on. This prevents surfaces from catching fire and stops fire spreading. It has been tested by global fire industry experts and complies with UK building regulations and the latest UK and European fire safety standards.

Zenova IP, thermal insulation paint

A thermal insulation paint embeds the most modern insulating technology in a thermos-like ultra-thin layer. It saves energy by increasing the thermal insulation level in commercial and residential buildings. Solar heat can increase the temperature within a building by 75% to 90%. Zenova IP has been independently tested and validated to deflect, absorb and dissipate up to 75% of this heat, thereby reducing the inside temperature by up to 45%. Suitable for both exterior and interior, on any type of surface

Zenova IR, thermal insulation render

Zenova IR is a ready mixed insulation render that can be applied to internal and external walls in commercial and residential buildings to provide immediate insulation benefits and can be colour matched to any colour.

Zenova FX, fire extinguishers

A fire extinguisher like no other. It puts out class A, B, F, E fires fully tested against European EN3 as well as British standards. Available in 6 and 9 litre sizes.

Zenova FX500, aerosol fire extinguisher

The Zenova FX500 is a high-performance handheld fire extinguisher that is tested by independent experts and adheres to the highest industry standards. Safe for use on any type of fire the Zenova FX500 reduces the risk of reignition. The Zenova FX 500 is quick, easy and safe to operated and has been tested to BS6165 standard.

Zenova WB, wildfire barrier

A wildfire barrier fluid (applied via spray wands or aerial drops), which provides a virtual barrier where fire simply will not burn. Repeated tests on a variety of extremely dry wildfire fuels (grasses, hays, brush) demonstrates the incredible fire resistance Zenova WB provides, while remaining viable after application for 30+ days in dry conditions.

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