

PTSG instrumental in development of new LPS-1204 certification – Condensed Aerosol Fire Suppression

4 years ago



[Premier Technical Services Group Ltd \(PTSG\)](#) is proud to announce that Trinity Fire & Security Systems (Trinity) – the largest constituent company within the Group – has been awarded “Condensed Aerosol Design, Installation, Commission and Maintenance” – which is a brand-new addition to the LPS-1204 certification scheme.

Trinity first achieved LPS-1204 in April 2015. Shortly afterwards, the team, led by Richard Castle-Smith ((Head of Fire Suppression at Trinity), approached the Buildings Research Establishment (BRE) to ask for the certification to be developed to include the design, installation, commissioning and servicing of gaseous fire suppression systems. This wasn’t possible until there was LPCB-approved equipment to support this (LPCB being the Loss Prevention Certification Board).

This equipment has now been developed by FirePro, the manufacturer of automatic fire suppression systems. In fact, FirePro is the only condensed aerosol manufacturer in the UK that has LPCB certification. This brings the seven-year campaign for the achievement of LPS-1204 “Condensed Aerosol Fire Suppression” to a successful conclusion.

It is rare that a company such as Trinity, which delivers a wide range of fire, life safety and security systems, influences the BRE in the development of a certification scheme. Trinity continues to have a close working relationship with FirePro.

FirePro first introduced the team at Trinity to the new condensed aerosol technology for fire suppression in

2017. While very few other industry practitioners recognised or acted on the potential of this new technology, Trinity forged ahead with selling it to customers – providing the market with a genuine opportunity.

Over the next five years, Richard continued working with the BRE to incorporate this technology into the LPS-1204 scheme. As of 24th November 2022, Trinity – and PTSG Fire Solutions Ltd – became the first to successfully gain the newly-developed certification. As a result, customers can rely on Trinity and PTSG to provide a professional and certified solution.

The next steps

Trinity has a specialist engineering team in place which, on 22nd November, will undertake updated training to become fully cognisant of all aspects of the new “Condensed Aerosol Design, Installation, Commission and Maintenance” LPS-1204 certification. Trinity’s Business Support Manager will be part of this team, who will look for opportunities to publicise the certification and follow up the leads this brings.

On 29th November, the auditor of the newly-developed LPS-1204 certification will be hosting a webinar on the benefits to the industry and associated trade. Part of this is how LPS-1204 is expanding to encompass evacuation systems and emergency lighting, after successfully adding condensed aerosol.

Following its acquisition by PTSG in January 2019, Trinity has significantly enhanced the capabilities and geographical reach of [PTSG Fire Solutions Ltd](#).

In addition to PTSG Fire Solutions Ltd, PTSG operates four other business divisions: PTSG Access & Safety Ltd, PTSG Electrical Services Ltd, PTSG Building Access Specialists Ltd and PTSG Water Treatment Ltd. They can act independently or combine to deliver a complete specialist services solution to the construction and FM sectors.