



PTSG at the Royal Docks



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Premier Technical Services Group Ltd (PTSG) has been contracted to deliver specialist fire solutions, specifically, fire sprinkler systems for a major new development in East London.

Immediately east of Canary Wharf, the Royal Docks is emerging as a new hub for business and culture in London. There will be 854 new homes ranging from studios to three-bedroom apartments, with 5,000 square metres of landscape garden space.

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The building of London's Royal Docks introduced a new world of commerce to the capital. The docks drew produce and people from all over the world; they survived the bombings of World War II and the economic downturn of the 1970s and 80s to become a hive of industry and activity once again. They are emerging as a new district for business and culture in London. Over £8bn in investment is flowing into the area over the next 20 years. Improvements to transport, streets and open spaces are underway, preparing for an estimated 26% population growth in the wider area.

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In this contract, engineers from PTSG Fire Solutions Ltd are installing fire suppression systems at the development in the form of sprinklers and wet risers. The facts about sprinklers make compelling reading. A fire sprinkler system has prevented any deaths in domestic fires. Furthermore, sprinklers alone control 99% of fires in commercial buildings. Sprinklers are valuable in both commercial and domestic properties.

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Rising mains in buildings can be either filled with water (wet riser) or left dry (dry riser). They consist of a vertical pipe with an inlet at ground level on an outside face of the building and outlets (known as landing valves) fitted in cabinets at each floor level, allowing fire and rescue service personnel to pressurise the main from their appliances. The current standard for the installation and maintenance of dry riser systems is BS9990 2015.

