



PROJECT

ACS Clothing

LOCATION

ACS Clothing Ltd,
Dovecote Road, Eurocentral,
North Lanarkshire

INDUSTRY SECTOR

Dress & Formalwear

PARTNERS

ACS Clothing

SOLUTIONS

Integrated Fire Engineering
Solution for formalwear
storage and distribution
facility

BENEFITS

Comprehensive Fire
Protection System covering
roof / in-rack / mezzanine /
office areas

THE CHALLENGE

Fire Protection to an existing 190,000 sq ft storage facility which is being retrofitted to house a fast growing leading provider of dress and formalwear. The facility comprises of a mezzanine storage area and a three storey hanging garment structure which is fully automated. A fire sprinkler system also to be installed within a two storey office area, along with a dry-riser system to the fire escape stairways. The design of the fire sprinkler system had to be fully coordinated around the new mechanical/ electrical plant and equipment, particularly the automated garment conveyor line to ensure no impact to the processing and production.

“All aspects of the works complete by Vipond from Design / procurement / fabrication / installation / testing/ commissioning / demonstration / hand-over and final documentation.”



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WEBSITE

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COMPANY STATEMENT

Vipond Fire Protection is pleased to be working in partnership with ACS Clothing to provide the best fire engineering solution for their storage and distribution warehouse. The scale of the plant and the extent of the coordination required within the automated in-rack hanging garment arrangement was a challenge Vipond took in its stride to deliver successfully. Our vast wealth of experience in this industry sector enabled us to deliver this project on time, with the best fire safety system solution for our client.

COMPANY PROFILE

Vipond Fire Protection Ltd has its roots going back to 1969, when it was started as a small family owned business. In 1998 it was acquired by Vipond Inc of Canada. The company has since expanded and grown and now has 5 offices covering the whole of the UK and Ireland. Vipond Fire Protection Ltd is ultimately owned by API Group Inc.

APi Group Inc. is a multi-billion-dollar parent company for 38 independently managed construction companies in more than 200 locations worldwide. APi Group combines the personal attention of small-to-medium sized construction companies with the strength of a global industry leader to build a safer environment, develop leaders and bring innovation to the construction and fire protection and suppression industry. Since 1926, APi Group has grown by acquisition to become the stellar multi-billion-dollar company it is today.

The secret? Our subsidiaries maintain who they are. They keep the identity, reputation, customer relationships and culture they've worked hard to establish.

APi Group's subsidiaries have collectively served customers on all continents, including Antarctica.

THE SOLUTION

Vipond fire protection were contracted to install a new fire sprinkler system complete with new dedicated water supplies consisting of a full capacity galvanised cylindrical tank, and twin diesel sprinkler pumps. With a primary installation programme window of four months, Vipond completed the project within the agreed time frame. Vipond used 3D modelling to assist with the design of the fire sprinkler system to ensure the installation was installed and made operational with no impact to the processing and production to the automated garment conveyors. All aspects of the works was completed by Vipond from; Design / procurement / fabrication / installation / testing/ commissioning / demonstration / hand-over and final documentation.

- Fire pumps and dedicated sprinkler tank (LPC BSEN 12845 Specification).
- Roof Sprinkler Protection = 944 sprinkler heads.
- Hanging Garment Structure Sprinkler Protection = 1,002 sprinkler heads.
- Mezzanine Storage/ Processing Area Sprinkler Protection = 821 sprinkler heads.
- Offices Sprinkler Protection = 241 sprinkler heads.



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