



PROJECT

Michelin Tyre Plant

LOCATION

Michelin Tyre Plant,  
Baldovie Road, Dundee

INDUSTRY SECTOR

Tyres Manufacturers

PARTNERS

McLaughlin & Harvey  
Construction Ltd.

SOLUTIONS

Integrated Fire  
Engineering Solution for  
tyre manufacturer and  
storage facility

BENEFITS

Comprehensive Fire  
Protection System to a High  
Hazard Storage Facility

THE CHALLENGE

Fire Protection to a new purpose built processing and storage warehouse situated next to the existing Michelin Tyre Plant. The new warehouse is primarily being used to store tyres manufactured within the adjoin Michelin Plant facility. The design had to be coordinated to ensure the sprinkler plant was positioned with no impact to the processing of the tyre plant production line, while maintaining the required fire sprinkler coverage to the premises. Also the sprinkler system had to be zoned / installed and made live to suit the clients tight programme of tyres being stored immediately after the storage racking was handed-over.



EMAIL

[admin.uk@vipondltd.co.uk](mailto:admin.uk@vipondltd.co.uk)

WEBSITE

[www.vipondfire.co.uk](http://www.vipondfire.co.uk)

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

#### THE SOLUTION

Vipond fire protection were contracted to install a new fire sprinkler system complete with new dedicated water supplies and extend the existing fire hydrant system. 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 of the tyre plant.

With an installation programme window of thirteen weeks, Vipond completed the project on time and on budget. 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 (FM Specification)
- Underground Fire Mains (Feeding nine individual zoned installations)
- Underground Hydrant Mains
- Roof Sprinkler Protection (ESFR System) 2,800 sprinkler heads.
- Rack Sprinkler Protection (NFPA Specification) 2,620 sprinkler heads.
- Mezzanine Sprinkler Protection 38 sprinkler heads.



#### COMPANY STATEMENT

Vipond Fire Protection is pleased to be working in partnership with McLaughlin & Harvey Construction to provide the best fire engineering solution for the Michelin Tyre Plant. The scale of the plant and the area of fire protection required within the tight time scale was a challenge Vipond took in its stride to deliver the contract on time and on budget. Our vast wealth of experience in this industry sector enabled us to deliver this project successfully, 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.

#### CONTACT DETAILS

Head Office – East Kilbride  
01355 237 525/80/88

Head Office Fax  
01355 263 399

Solihull  
01564 711 212

Swansea  
01792 484 533  
07885 459 857

Belfast  
01355 237 525/80/88

24-Hour Emergency No  
0844 561 9851