

FirePro.

Agrowin Netherlands

Location: **Europe** Distributor: **FirePro Benelux** Application: **Warehouse** Industry: **Agricultural, Chemicals**



Agrowin BV was established in 1989 from the merger of Agrarian Union Vulcan and Winterswijk. Since then it specializes in the marketing, consulting and sales of pesticides, seeds, fertilizers and other supplies for agriculture and horticulture purposes. The company has a number of distribution warehouses containing hazardous goods that pose obvious fire threats.

The Task

Design, supply, install, commission and maintain a reliable fire detection and fast reaction fire extinguishing system of storage warehouses containing combustible materials. The system must be designed under the requirements of PGS 15 for the Storage of Packaged Hazardous Substances and be effective and efficient for A, B and C classes of fire as the material for fuel is varied. It is also essential that the system reacts swiftly, so as to minimize any disruption of operations.

FirePro Generators used:

FP-1200S

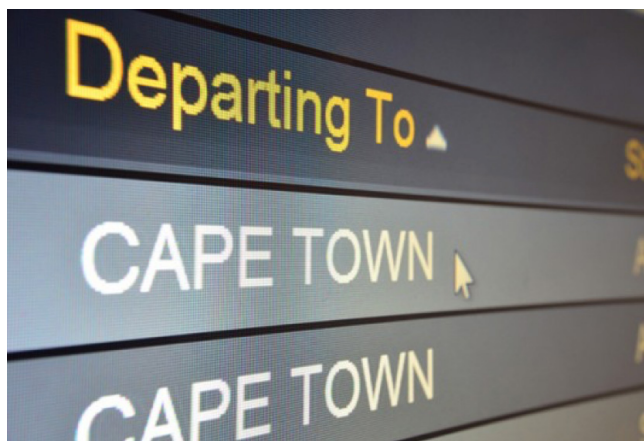
FP-5700S

Risks Involved & Consequences

The dangerous substances and explosive atmospheres regulations require that risks to goods stored indoors are controlled and that means of protection are provided for any foreseeable incidents. The fire risks are increased when there are sources of ignition such as electrical equipment which together with human error are the major causes of fire. A fire protection system's objective is to ensure the safe evacuation of personnel and to limit product and structural damage.

Why FirePro?

Warehouses which follow PGS 15 guidelines traditionally used foam systems for fire protection. However, due to the numerous operational and maintenance challenges of these systems, the search for an alternative solution was initiated. The characteristics of FirePro technology were in compliance with PGS 15 guidelines. The suitability in explosive environments, effective extinguishing capability, as well as their modularity and ease of maintenance were decisive factors for the selection of FirePro systems to protect this demanding application.



Results & Implementation

With no piping to install and comprehensive compliance with standards and regulations the FirePro system has been installed successfully. It currently protects dangerous goods from fire and will proactively extinguish it efficiently and effectively.

