

FirePro.

Pfizer

Location: **Egypt / Middle East** Distributor: **Advanced Systems** Application: **Warehouse** Industry: **Pharmaceuticals**



Pfizer Inc. is an American multinational pharmaceutical corporation. Pfizer is named after German-American Charles Pfizer who cofounded the company with his cousin Charles Erhart in 1949 as a manufacturer of fine chemicals. Today it is among the world's largest pharmaceutical companies as it develops and produces medicines and vaccines for a wide range of medical disciplines.

The Task

Design, supply and install a fire suppression system that is able to protect various flammable materials in a regional raw materials storage facility. System prerequisites called for a modular, compact, low maintenance total flooding fire firefighting. The system needed to be capable of extinguishing A, B and C classes of fire since the storage housed diverse materials. Ultimately the facility's fire risks needed to be minimized in regards to loss of materials and consequentially disruption of business continuity.

FirePro Generators used:

FP-3000

Risks Involved & Consequences

Pharmaceutical companies utilize chemicals which are highly flammable and require fire protection measures. While these chemicals rarely, if ever, spontaneously combust, it is important to address potential sources of fire ignition. These sources can be attributed to human error, malfunctions in electrical equipment, or heat-generating machinery. Fires not only result in the loss of materials but also pose a risk to human lives. Furthermore, the consequential damage disrupts business activities, leading to significant financial losses, including the need for repairs or replacement of damaged equipment and infrastructure.

Why FirePro?

The specific project had three major challenges. The first challenge was that the installation and commissioning and full operation for the fire suppression system was to be concluded in just 48 hours. The second challenge was that the specific storage facility had openings which were large enough to render a gaseous based system inapplicable. Lastly, the storage area is consistently used to its maximum capacity, leaving little room for large equipment like pressurized cylinders, which is crucial for the facility's routine operations.



Results & Implementation

Pfizer proceeded to implement the FirePro system fire suppression solution since it combined all the operational and technical parameters required for the project. FirePro Egypt personnel from Advanced Systems designed and completed the installation of the FirePro generators and system in the warehouse within 48 hours. FirePro environmentally friendly technology protects assets and reduces down times to the minimum.

