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INTERNATIONAL FIRE PROTECTION



Chemguard Concentrates, Hardware & Support

A full-service ISO 9001:2008 certified manufacturer of UL and FM approved fire suppression foams, equipment, and systems, Chemguard serves the fire suppression and specialty chemicals fields worldwide through innovative research and development, advanced engineering and design, precision manufacturing, and prompt service and delivery.

Based in Mansfield, Texas, Chemguard has been listed among the 100 fastest growing private companies in the Dallas, Texas, region for the past two years.

Overview

The comprehensive operation of the Chemguard Foam Fire Suppression Division includes foam concentrate development and production, firefighting foam equipment engineering and manufacturing, and foam systems design. Our efficient and environmentally friendly UL-listed and FM-approved foam products are used worldwide in challenging industrial, military, municipal, offshore, petrochemical, energy, transportation, freight and airport applications.

Chemguard designs and manufactures an extensive line of firefighting foam hardware, including nozzles, monitors, and foam trailers. We also offer on-site product fabrication, including ASME bladder tank and custom foam skid fabrication. Our intensive quality control procedures ensure that equipment shipped from Chemguard reflects our reputation for excellence and is delivered on-time at competitive prices.

In addition, Chemguard manufactures advanced positive-displacement foam concentrate pumps for fire-protection systems and fire apparatus. Chemguard's balanced vertical integration allows us to ensure the integrity of our foam fire-fighting equipment by controlling the manufacturing process – from raw materials through quality assurance testing and final delivery.

Chemguard's systems engineers provide fire suppression systems design and applications assistance – reviewing specifications, providing value-added engineering alternatives, and supporting systems start-up. Working side-by-side with customers, we apply years of experience designing systems for petrochemical facilities, hangars, flammable-liquid storage tanks, warehouses, marine applications, and other challenging installations to maximise performance, efficiency, and effectiveness.

The company performs topside and sprinkler fire tests for a wide variety of test standards at our on-site fire test facility, obtaining international approvals for Chemguard foam concentrates, including IMO, LASTFIRE, DNV, and EN 1568. We are committed to continuous innovation to meet customer requirements and market demands. In recent years Chemguard has expanded its laboratory facility and invested in additional state-of-the-art equipment. Our research staff collaborates with customers to address specific application requirements.



Chemguard designed-and-built bulk foam storage/transport trailer

Chemguard's research-based Specialty Chemicals Division produces environmentally responsible fluorochemical surfactants (a major ingredient in fire-suppression foam concentrates) for Chemguard as well as other firefighting foam manufacturers worldwide.

We are committed to protecting the environment while supplying products that will effectively protect people and structures, equipment, and other property. Because of Chemguard's successful synthesis of fluorochemical surfactants from telomer-based fluorocarbons, our fire-fighting foam concentrates do not contain perfluorooctane sulfonate (PFOS) or perfluorooctanoic acid (PFOS) ingredients.

Williams acquisition

During summer 2010, Chemguard acquired Williams Fire & Hazard Control as a wholly owned subsidiary, combining Chemguard's extensive R&D, manufacturing, and systems engineering experience with Williams' unmatched expertise in flammable-liquid firefighting – effectively integrating surfactant research, foam pump design, systems development, and firefighting technical expertise.

Chemguard and Williams – also based in Texas – enjoy a history of collaboration. In late 2009, they introduced an advanced alcohol-resistant aqueous film-forming foam (AR-AFFF). Developed in Chemguard's R&D laboratory to Williams' rigorous specifications, this "next-evolution" concentrate exhibits significant improvements in effectiveness and efficiency and exceeds the highest performance standards in the industry.

Chemguard and Williams are committed to continued development of foam concentrates, fire-fighting equipment, fire-fighting systems, and emergency services.