



DRY CHEMICAL POWDER FOR LNG/LPG FUELLED VESSELS

Protecting your fuel bunkering stations with high-quality solutions, optimised for maximum efficiency



Dry Chemical Powder: Tried-and-tested protection for LNG/LPG

Dry chemical powder (DCP) systems have been protecting vessels carrying LNG as cargo for many years. As the maritime industry transitions to cleaner fuels, different types of vessels are now turning to LNG as a propellant and require a DCP system to protect their fuel bunkering stations and fuel-switching operations. However, the commercial requirements when designing a DCP solution for a cruise liner or a ferry as opposed to a tanker, for example, are very different.

Maximum protection for your passengers. Minimal disruption to your operations

We have many years' experience designing bespoke DCP solutions around the precise, commercial requirements of our customers. We offer lightweight and compact solutions that will maintain the safety of your vessel and protect your passengers and crew, whilst also saving valuable space on board your ship to allow for your commercial operations. Moreover, thanks to recent product development, we can now offer longer discharge piping to accommodate very large ships, such as cruise liners.

DRY CHEMICAL POWDER FOR MARINE LNG/LPG ENGINES

Reliable, high-performance solutions from the experts in Survival Technology

We provide high-quality DCP solutions, independently tested and certified according to IMO MSC 86/26 Add.1 (Res. MSC.285(86) 3.3.3) and DNV class program no 474.74, and compliant with the IGF code for protecting LNG bunkering stations. We design our systems so that you can rely on:

✓ Highly efficient, high performance protection

The DCP agent disperses under pressure to smother the flames and break down the chemical reaction within the fire, extinguishing flames immediately.

✓ Extended reach; greater coverage

New, longer discharge piping allows for more efficient, more cost-effective solutions, especially when protecting spaces on very large ships, such as cruise liners.

✓ Optimised designs; smaller footprint

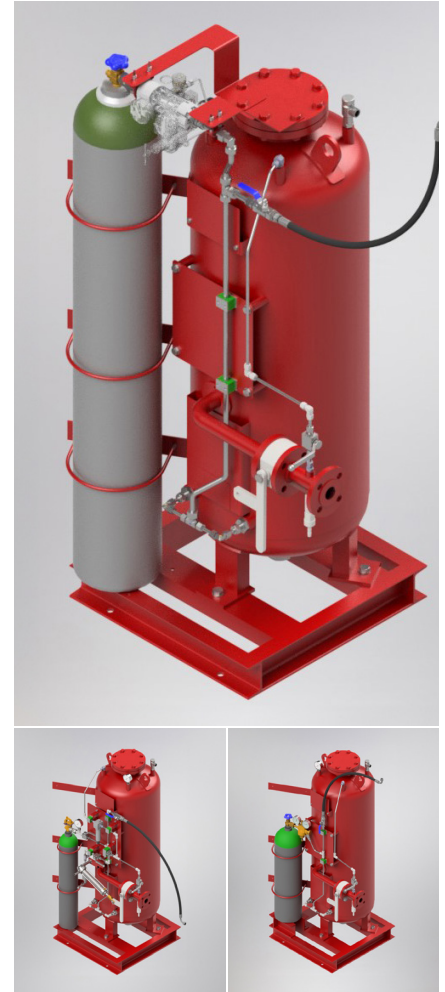
Generally, an LNG bunkering station is placed on both sides of the ship, port and starboard. With our solution, it is often possible to protect both stations with just one DCP unit, saving on both installation and maintenance costs without compromising safety or performance.

✓ Modular solutions with flexibility built in

Our systems are designed with modular scalability and unified components, allowing scope to make modifications simply and cost-effectively if necessary during the shipbuilding process.

✓ Easy installation; easy maintenance

Each system is supplied on a skid as a single, compact unit, ready to "plug and play" and equipped with an additional connection to allow for servicing procedures to be performed without disabling the operating cylinder.



Our DCP solutions are suitable for both remote deployment and manual deployment at the skid, and compatible for use with SMARR-TI, our safety management solution.

Your trusted safety partner, from first designs to operations at sea



Design consultancy and advice. Our experts can help evaluate your requirements and identify the most efficient, cost-effective solution for your needs.



Installation & commissioning. We have teams close to the yard who can facilitate the build and provide technical support.



Training services. We can provide additional training for crew, and options for remote support,



Superior through-life support. We can help you maintain your system with annual service inspections, testing of the DCP extinguishing medium, and the supply of spare and replacement parts.

Interested to know more?

Contact us now for a quote or to start a conversation. Email us at SFS.Quote.Support@survitecgroup.com