

# FLAME ARRESTERS FROM STORAGETECH

Emission and air pollution control equipment manufacturing and engineering company Äger discuss their fire-fighting products

**FLAME ARRESTERS** are used to directly protect terminal assets and can be integrated both inside and at the end of a pipeline. Äger specialises in innovative solutions for air pollution and emissions control, providing safe and customer-oriented solutions for fire-fighting equipment with its brand Storagetech.

## HOW FLAME ARRESTORS WORK

Flame arresters are a piece of protective equipment that can be integrated both inside and at the end of the pipeline. They are specially designed to prevent the spread of fire into a system by blocking the flame. These devices are one of the best ways to ensure the safety of a storage tank or terminal.

When the size of a pipeline and the overall system is larger than a certain standard, it becomes more complicated to design and fabricate a suitable flame arrester. On top of this design challenge is the requirement for various international certifications to be met. These stipulations require a careful and attentive production team, as well as quality inspection to be able to catch the compliance with standards.

## CLIENT-SPECIFIC SOLUTIONS

One of southeastern Europe's largest gas storage facilities, the Banatski Dvor

UGS facility, required custom-made 16" in-line flame arresters. Storagetech rose to the challenge. The solution required flame arrestors that would work under high pressure and lower temperatures. Storagetech also had to supply an ATEX certificate, working with oversized 16" connections, some arrestors weighing 1,850kg, all to a specific delivery schedule.

These are highly engineered products that cannot be considered plug-and-play. In particular, the oversized 16" products cannot be manufactured in just any plant and need careful engineering.

So, understanding a client's requirements is an essential part of the process. Storagetech's R&D and engineering team completed the Banatski Dvor project in 16 weeks. Delivering this project has enabled a safer working environment for the client and helps to build a long-term business relationship.

## ENSURING SAFETY AND BUSINESS CONTINUITY

At the end of the day, the energy source – whether it's oil, LNG, etc – that is being carried through the pipeline is used by manufacturers, commercial premises, general consumers and all types of buildings and infrastructure. This means there's a huge requirement for consistency and reliability. Any accident



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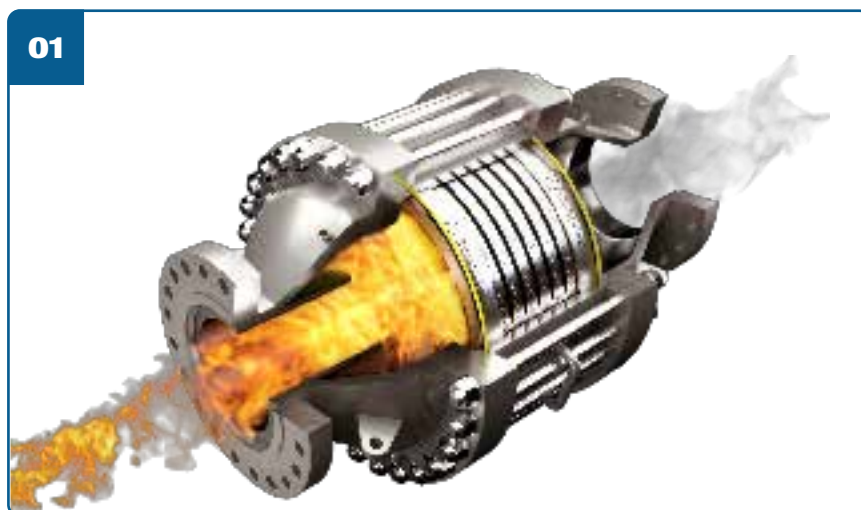
that occurs could cause serious damage and impact on both the equipment and the customers.

So, any investment that helps to ensure system safety and continuity is essential. That's why stakeholders should be aware of how a competent, high quality manufacturing and engineering company such as Äger can suggest solutions and add value to your terminal.

## For more information:

An Äger brand, Storagetech is a specialist designer and manufacturer with extensive experience, providing advanced emission control and safety equipment for the oil, gas, petrochemical, chemical, and water industries for almost 40 years.

[www.aager.de/storagetech](http://www.aager.de/storagetech)



01 An Äger flame arrester before deployment

02 How a flame arrester prevents the spread of fire