PROTEGO® Application Examples

Flame arresters and valves





PROTECTING LIFE 💑 PRESERVING VALUE





Braunschweiger Flammenfilter



5 Detonation proof pipe away valve system showing a PROTEGO® detonation flame arrester (in-line) and a PROTEGO® pressure relief valve

(in-line) with non-return valve for closed tank venting systems.

6 PROTEGO[®] end-of-line deflagration and endurance burning proof flame arrester for protection of tanks, gasometers and other plants with potentially explosive atmospheres.

7 PROTEGO®

deflagration flame arrester (in-line) with a concentric housing design which

prevents transmission of deflagrations in pipes and can be installed in front of incinerators or other potential ignition sources. It can be supplied with optional integrated measuring of pressure drop, temperature sensor and steam jet nozzles.



alternative:

7 PROTEGO[®] deflagration flame arrester

(in-line) with an eccentric housing design which is very maintenance friendly as it prevents collection of condensate in the housing. It can be installed for protection of plants where, due to the existing installation conditions, only deflagrations can occur.



8 PROTEGO® pressure and vacuum diaphragm valve (end-of-line) for safety against deflagration and endurance burning in frostproof design for pressure or vacuum venting of storage tanks and plants with potentially explosive atmospheres



Explosion and environmental protection during processing, storage and transport of inflammable liquids and gases, in particular covering...



... Cryogenic Storage Tanks.



YOUR SAFETY

PROTEGO[®] devices are tested and approved by various international authorities and testing agencies. They are continuously adapted to the state-of-the-art.

... Waste Water, Biogas

and Landfill Systems

Our Research and Development Department is equipped with a certified state-of-the-art test rig which allows special tests for specific conditions of use.

Our specialist engineers will be happy to help you. Detailed documents can be provided on request.



Our Quality Assurance System and the Environmental Protection Management System is certified in accordance with ISO 9001:2015 and ISO 14001:2015.

Our production Quality Assurance System is certified for protective systems in accordance with the European Directive 2014/34/EU.

A wide range of certifications of PROTEGO[®] devices are available.

Contact www.protego.com

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