

Type Approval Certificate



This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No. **19 406 - 11 HH**

Company **Flammer Feinwerktechnik GmbH
Strombergstr. 73
74389 Cleebrohn, GERMANY**

Product Description **DEFLAGRATION FLAME ARRESTER, END-OF-LINE for Inland Navigation Vessels**

Type **FLAMMER 1008-00XX
DN25 (-0007), DN32 (-0008), DN50 (-0004), DN80 (-0005), DN100 (-0006)**

Environmental Category **None**

Technical Data /
Range of Application **The devices consist of housing parts containing flame arrester of spiral-rolled
corrugated straps of stainless steel.**

**List of Drawings:
Deflagrationsensicherung Baureihe DN25 bis DN100, 1008-00XX
Bedienungsanleitung**

**RANGE OF APPLICATION:
The Deflagration Flame Arresters for the installation in cargo vent systems of
inland navigation tankers carrying flammable products of Explosion Group IIB
(MESG \geq 0,50 mm).
The flame arresters shall be installed vertically.
The Deflagration Flame Arrester is not suitable for endurance burning.**

Test Standard **EN 12874:2001 - Flame Arresters
EN ISO 16852:2010**

Documents **Test Certificate IBExU09ATEX2022 X of IBExU Institut für Sicherheitstechnik GmbH**

Remarks **Installation according to current GL- and ADN Rules as applicable.**

Valid until **2016-06-23**

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File No. **II.F.03**

Hamburg, **2011-06-24**

Type Approval Symbol



Germanischer Lloyd

Hanspeter Raschle
Hanspeter Raschle

Georg-Alexander Martin
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