

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. 19 422 - 11 HH

Company Flammer Feinwerktechnik GmbH
Strombergstr. 73
74389 Cleebronn, GERMANY

Product Description IN-LINE DETONATION FLAME ARRESTER for Inland Navigation Vessels

Type FLAMMER 1002-0020
DN100 IIB3

Environmental Category None

Technical Data / Range of Application The device consists of detonation proof housing with pipe connections Three internal flame arresters of spiral-rolled corrugated straps of stainless steel are inserted.

List of Drawings:
Detonationssicherung DN100 IIB3, Dwg-Np. 1002-0020
Stückliste 1002-0020
Bedienungsanleitung 1002-0020
Druckverlustkurve

RANGE OF APPLICATION:
The In-Line Detonation Flame Arrester is suitable for the installation in cargo vent systems of inland navigation tankers carrying flammable products of Explosion Group IIB3 (MESG \geq 0,65 mm).

The In-Line Detonation Flame Arrester is not suitable for endurance burning.

Test Standard EN 12874:2001 - Flame Arresters

Documents Test Certificate IBExU08ATEX2067 X of IBExU Institut für Sicherheitstechnik GmbH

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

Valid until 2016-05-23

Page 1 of 1

File No. II.F.03

Hamburg, 2011-05-24

Type Approval Symbol



Germanischer Lloyd

Hanspeter Raschle
Hanspeter Raschle

Georg-Alexander Martin
Georg-Alexander Martin