

EC-Declaration of Conformity

We herewith confirm that the Sample Extraction Smoke Detection System SDS-72 is subject of EG directive 2014/90/EU from September 2016 (Marine Equipment Directive) and is therefore suitable for being applied to ships sailing under the flag of a member state of the European Community. Application instructions described in operation manuals must be strictly observed.

Manufacturer: safetec Brandes und Niehoff GmbH

Address: Kringelsburg 2 a, 21379 Scharnebeck, Germany

Product: Sample Extraction Smoke Detection System SDS-72, consisting of the following components:

ADP-3500	Adapter Module for Remote Panel
SDS-3000	Smoke Detection Panel without integrated Detection Lines
SDS-3104	Smoke Detection Panel, 1 – 4 Detection Lines
SDS-3108	Smoke Detection Panel, 5 – 8 Detection Lines
SDS-3112	Smoke Detection Panel, 9 – 12 Detection Lines
SDS-3208	Extension Panel, 5 – 8 Detection Lines
SDS-3212	Extension Panel, 9 – 12 Detection Lines
SDS-3216	Extension Panel, 13 – 16 Detection Lines
SDS-3300	Smoke Detection Unit (SDU), 1 Detection Line
SDS-3350	Smoke Detection Unit SDU-EVD for Exhaust Ventilation Ducts
SDS-3500	Remote Panel
SDS-3600	Junction Box for Fan Module
SDS-3700	Junction Box for Smoke Detection Unit(s) SDU
SDS-3800	3/2-Way Flap for Fan Module SDS-M0460
SDS-M0440	Fan Unit
SDS-M0441	Fan Unit
SDS-M0450	Fan Unit
SDS-M0460	Fan Module

Short Description: The Sample Extraction Smoke Detection System SDS-72 is a software controlled, integrated system to be combined with a pipe net as described in the FSS-Code Chapter 10 and as item No. MED/3.63(a/b/c) in (EU) 2022/1157 (6th implementation regulation).

Certificate MED Type Examination Certificate (Module B) MEDB00001M8 Rev.3
 MED Production-Quality Assurance Certificate (Module D) MEDD00000NB Rev.3
both issued by (Notified Body / Number)
 DNV•GL SE 0098

This equipment has been tested to verify compliance with the following regulations and testing standards:

IMO Res. MSC.98(73)-(FSS-Code) 10

EN 54-2:1997 incl. AC:1999 and A1:2006

EN 54-4:1997 incl. AC:1999, A1:2002 and A2:2006

EN 54-20:2006 incl. AC:2008

IEC 60092-504:2016

IEC 60533:2015

EN 60079-0:2018 incl. AC:2020

Additionally applies for fan units of type SDS-M0440 and SDS-M0450:

DIN EN ISO 80079-36:2016

DIN EN ISO 80079-37:2016

DIN EN 14986:2017

IACS UR-F29 Rev.6

Signed:



Date:

25.04.2024

Dipl. Ing. (FH) Tymoteusz Bojkowski
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safetec Brandes und Niehoff GmbH