



NIPPON KAIJI KYOKAI

Certificate

Certificate No.
TA181359E(N)

OF

TYPE APPROVAL

Product name : Sample extraction smoke detection system
Type : SDS-72
Product description : See Annex.
Manufacturer : safetec Brandes & Niehoff GmbH
Kringelsburg 2a, 21397 Scharnebeck, Germany
Documentation : See Annex.
Testing standard : FSS Code Chapter 10
EN 54-2:1997(A1:2006)
EN 54-4:1997(A1:2003+A2:2007)
IEC 60092-504:2016

THIS IS TO CERTIFY that the above type has been approved by Nippon Kaiji Kyokai with approval No.N-1306 and that products of the type will be accepted for use on ships classed with the Society for compliance with the relevant requirements of the Society's *Rules for the Survey and Construction of Steel Ship* and with the *International Convention for the Safety of Life at Sea 1974 as amended* subject to conditional upon that product verification be carried out by the Society.

This certificate is valid until 6 December 2023.

Issued at Tokyo on 7 December 2018.

NIPPON KAIJI KYOKAI

H. Kobayashi

General Manager,

Material and Equipment Department



Initial approval date : 7 December 2018



1. Product description

Description	Type
Adapter module for SDS-3500	ADP-3500
Smoke detection panel	SDS-3000
Smoke detection panel with 1-4 detection lines integrated	SDS-3104
Smoke detection panel with 5-8 detection lines integrated	SDS-3108
Smoke detection panel with 9-12 detection lines integrated	SDS-3112
Extension Panel with 5-8 detection lines	SDS-3208
Extension Panel with 9-12 detection lines	SDS-3212
Extension Panel with 13-16 detection lines	SDS-3216
Smoke detection unit(SDU) with 1 detection line for pipes up to DN150	SDS-3300
Remote Panel (flush mount / wall mount)	SDS-3500
Junction box for SDS-M460	SDS-3600
Junction box for SDS-3300 (SDU) and/or EDD	SDS-3700
3/2-way flap for fan module SDS-M0460	SDS-3800
fan unit 2 fans on a frame, 230V~	SDS-M0440
fan unit 2 fans on a frame, 110V~	SDS-M0441
fan module 1 fan	SDS-M0460
Isolator / Protocol Translator	IPT-1

2. Documentation

Documentation	No.
PAConsult Test Report	No.15-7421
Treo Test Report	No.058-16
	No.313-17
	No.320-16
TUV NORD CERT Test Report	No.15012-3-R01
	No.16185-1-R01
	No.16185-2-R00
	No.16185-3-R00
	No.17228-1-R01
Safetec Test Report	No.DOK22.002