



NIPPON KAIJI KYOKAI

Certificate

Certificate No.
TA15631E(R)

OF

APPROVAL

Item : A-0 class fire damper (Bulkhead)
Product name : SL-FD
Maximum size : 800mm×800mm (width×height)
Minimum size : 400mm×200mm (width×height)
Specification : See Annex.
Applicant : Nikkey Co., Ltd.
1-20-6 Ooi, Shinagawa-Ku, Tokyo, Japan
Manufacturer : Nikkey Co., Ltd. Noda Factory
617 Mefuki, Nodashi, Chiba, Japan
Testing standard : IMO FTP Code Annex1 / Part 3
Test report : See Annex

THIS IS TO CERTIFY that the above type of products has been approved by Nippon Kaiji Kyokai with type approval No. 10FPA35DA, and that the products of the above type will be accepted for use onboard ships classed with the Society as complying with the relevant requirements of the Society's *Rules for the Survey and Construction of Steel Ships* and those of the *International Convention for the Safety of Life at Sea, 1974, as amended*, subject to conditional upon the manufacturer having a quality control system audited by a competent authority to ensure continuous compliance with the type approval conditions.

This certificate is valid until 24 August 2020.

Issued at Tokyo on 10 July 2015.

NIPPON KAIJI KYOKAI



T. Imamura

General Manager

Material and Equipment Department

Initial approval date : 25 August 2010

NOTE: The design, construction and way of installation subject to attachments. Any significant changes to the product without our approval will result in this certificate becoming null and void.

This certificate may be renewed without retesting, provided that the test report is not more than 15 years old and that no alteration of components or construction has been made to the product.

Annex to the Certificate No. TA15631E(R)



Test Report

Test laboratory : Research Institute of Marine Engineering, Japan
1-5-12 Fujimicho, Higashimurayama, Tokyo 189-0024 Japan

Report number : 09-469(E)

Issued date : 18 January 2010



Notes:
 1) This product (all materials) is 100% asbestos-free.

Material of Compositions:

No.	Description	Material	Notes
1	Damper case	SPHC t1.6	
2	Damper blade	SPHC t1.6	
3	Damper shaft	SGH400-P	φ13
4	Blade stopper	SPHC t1.6	
5	Pushing bar	SPHC t1.6	
6	Bushing	C3602BD	
7	Thermal fuse	72°C	
8	Actuator	SCDD	Model: N-DRTF
9	Silt	AL 3X17	Silt frame: SPHC t1.5
10	Linkage rod	SGD/00-P	φ9
11	Reinforced angle	SS400	1.25 X 25 X 3
12	Silt base frame	SPCC t1.2	
13	Inspecting gate	SPCC t1.2	
14	Flush handle	Zinc alloy	with Push-button

