NIPPON KAIJI KYOKAI

Certificate

OF

APPROVAL

Certificate No.
TA21511E(AL)

Item	:	Cargo Hose
Product name	:	AMNIFLEX CHEMICAL COMPOSITE HOSE
Version	:	See Annex.
Application	:	For ships carrying dangerous chemical in bulk
Limitation	:	See Annex.
Manufacturer	:	Amniflex B.V. Abraham van Stolkweg 118, 3041 JA Rotterdam, The Netherlands
Drawing No.	:	2011-01-05, 2011-01-06

THIS IS TO CERTIFY that the above mentioned cargo hose has been approved by Nippon Kaiji Kyokai with approval No. 14SN1SH as complying with the requirements of paragraph 5.7 of the *International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk (IBC Code) including the amendment in IMO Resolution MSC 102(73)*, paragraph 2.12 of the *Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk (BCH Code) including the amendment in IMO Resolution MSC.106(73)*, and the relevant requirements of the Society.

This certificate is valid until 6 January 2024.

Issued at Tokyo on 20 April 2021.

NIPPON KAIJI KYOKAI

Y. Takao
General Manager
Material and Equipment Department

Note: This certificate has been re-issued due to the change of manufacturer's name and product name.

Annex to the Certificate No. TA21511E(AL)

1. Versions and limitations

Oilmaster, Chemiflex - EN13765:2010 Type 2				
Nominal dia. (inch)	Min. Bending Radius (mm)	Max. Length (m)	Max. Working Pressure (MPa)	Range of Service temperature (℃)
1	100	20	1.0	-30 ~ 100
1・1/2	130			
2	165			
2・1/2	185			
3	240			
4	360			

Oilmaster, Chemiflex -EN13765:2010 Type 3				
Nominal dia. (inch)	Min. Bending Radius (mm)	Max. Length (m)	Max. Working Pressure (MPa)	Range of Service temperature (℃)
3	280	20	1.4	-30 ~ 100
4	400			
5	460			
6	500			
8	740			

2. Conditions for approval

(1) The following production tests should be carried out for each cargo hose in the presence of the Society's Surveyor prior to putting in service.

(a) Hydrostatic test or pneumatic test at ambient temperature at a pressure corresponding to 1.5 times or more of the specified maximum working pressure but in any case not more than 2/5 of the design bursting pressure.

(b) Visual inspection and dimension inspection

(2) A cargo hose should not be used for the cargoes with which the hose materials are incompatible.

(3) Information on the compatibility, in respect of corrosion, dangerous reactions, temperature, etc., of the hose materials with the cargoes intended to be used for is to be provided to the users.

(4) A cargo hose should be marked with the following items ;

(a) Name of manufacturer, type and date of manufacture

(b) Maximum working pressure

(c) Maximum and minimum service temperature

(d) Date of hydrostatic or pneumatic test

(5) When any alterations to the above mentioned specifications have been made, they should be reported to the Society for approval.

(6) The Society reserves the right to access to the manufacturing facilities and may require further tests and/or examination where deemed necessary.

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