

Declaration of Conformity

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4	Certificate of Constancy of Performance
	(Page 1 of Certificate of Constancy of Performance. For complete certificate, contact noha: sale@noha.no)

NOHA Models:

1,	3SW,	5B,	SM,	100A,
1A,	3SWA,	5BA ,	SMA,	100SW,
1SW,	31,	5BR,	FW,	100SWA,
1SWA,	31A,	5BRA,	FWA,	110,
1B,	31SW,	5C,	FCombi,	110SW,
1SWB,	31SWA,	5CA,	FComiA,	300,
2SW,	32,	5CI,	FM-IH,	36 now called 20.
2SWA,	43,	S11 MED,	Gallery,	
3,	5A,	1NL,	Gallery A,	
3A,	5AA,	1G,	100,	



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EUROPEAN COMMUNITY DECLARATION OF CONFORMITY

Issued in accordance with Directives and Regulations as shown in the table below

NOHA NORWAY AS, Lagervien 25

4033 Stavanger, Norway

Tel: 00 47 51 81 60 00, Fax 00 47 51 81 60 01

Product Description: Hose Reel with Semi rigid hose (EN 671-1 Reel with EN 694 Hose)

Marking and identification affixed to the product:

Mark of conformity followed by Notified Body identification number: 0620



Quality management systems ISO 9001:2008 (Note 1 & 4)											
NS-EN 671-1 (Note 2 & 4)								EN694 (Note 2)			IACS UI SC249; Implementation of SOLAS II-1, Regulation 3-5 and MSC.1/Circ.1379 SOLAS Chapter II-1, Regulation 3-5
Type/model	Description of Assembly	Test Examination Report No.	CE- Marking	Flow Rate @ 2Bar Inlet Pressure (l/min)	Throw Range @ 2 Bar inlet pressure (m)	Nozzle Dim.:	Hose Dim.:	Cert No.:	Weight per length (g/m)	Class	As from 1 January 2011, asbestos has been completely banned in new installations on both new and existing convention ships
NOHA Hose Reel (all in Certificate)	Hose Reel with Semi- Rigid Hose	A9603	0620-CPR- 6437	Written on sticker attached to Hose Reel + on Nozzle	10	Written on sticker attached to Hose Reel + on Nozzle	Written on sticker attached to Hose Reel	K56168/01	560-493	2	Note 4

Note:

(1) Dovre Sertifisering AS (Certificate nr 149)

(2) KIWA N.V.

(3) Inspection Procedure (IQC 2012-01)

(4) **Declaration:** The above Hose Reel assemblies are in compliance with the requirements of the Directives and Regulations shown and in the relevant EC Type-Examination Certificate(s) issued by the Notified Body and is free from asbestos in accordance to requirement stated IACS UI SC249 at the time of delivery of product.

(5) **Declaration of Performance (Page 2)** the performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

In addition to the above it is recommended that the complete Hose Reel is installed & maintained in accordance with National Regulations, paying particular attention to the environment in which it is sited.

Signed for and on behalf of the manufacturer: Per Wijk

Date 25/11 - 2013

Manager of technology and innovation

(5) DECLARATION OF PERFORMANCE

1. Unique identification	Fixed firefighting systems - Hose systems - Hose reels with semi-rigid hose according to specification From 01/11-2013 each hose reel has unique batch identification on the back of the drum.	
2. Type	NOHA Mod; 1, 1A, 1SW, 1SWA, 1B, 1SWB, 2SW, 2SWA, 3, 3A, 3SW, 3SWA, 31, 31A , 31SW, 31SWA, 32, 43, 5A, 5AA, 5B, 5BA , 5BR, 5BRA, 5C 5CA, 5CI, 36 now called 20, S11 MED, 1NL 1G, SM, SMA, FW, FWA, FCombi, FComiA, FM-IH, Gallery, Gallery A, 100, 100A, 100SW, 100SWA, 110, 110SW, 300	
3. Intended use	Fixed installations to provide the occupants of a building the means to control and extinguish a fire nearby	
4. Name and contact address of the manufacturer	NOHA Norway AS, PB 8126 Forus, NO-4069 Stavanger, Norway	
5. Name and contact address of the authorised representative	Kiwa Nederland B.V, Sir Winston Churchilllaan 273, Postbus 70 2280 AB RIJSWIJK, The Netherlands	
6. System of assessment and verification of constancy performance - AVCP	I	
7. Tasks for the notified body in conformity with EN671-1	Initial type testing and initial inspection of the manufacturing plant and FPC and continuous surveillance, assessment and evaluation of the FPC as specified in the CPR annex V article system 1+. To issue the Certificate of consistency of performance number 0620-CPR-6437	
8. Tasks for the notified body in conformity with ETA number:	Not applicable	
9. Declaration of Performance		
Essential characteristics	performance	Harmonised technical speciation
hose inside diameter	Written on sticker attached to Hose reel	EN671-1:2012, clause 4.2.1
hose length	Written on sticker attached to Hose reel	EN671-1:2012, clause 4.4.3
nozzle type:	Written on sticker attached to Hose reel	EN671-1:2012, clause 4.3.2
Hose bore	Pass	EN671-1:2012, clause 4.2.1
Minimum flow rate	Written on sticker attached to Hose reel	EN671-1:2012, clause 4.2.2
Effective throw range	Pass	EN671-1:2012, clause 4.2.3
Spray discharge	Pass	EN671-1:2012, clause 4.2.4
Reel - Construction	Pass	EN671-1:2012, clause 4.3.3
Reel - Rotating	Pass	EN671-1:2012, clause 4.3.4
Reel – Swinging	Pass	EN671-1:2012, clause 4.3.5
Hose, General	Pass	EN671-1:2012, clause 4.3.1
Shut-off nozzle, General	Pass	EN671-1:2012, clause 4.3.2
Shut-off nozzle - Resistance to impact	Pass	EN671-1:2012, clause 4.3.7
Shut-off nozzle - Operating torque	Pass	EN671-1:2012, clause 4.3.8
Reel - Resistance to impact	Pass	EN671-1:2012, clause 4.3.6
Reel - Resistance to load	Pass	EN671-1:2012, clause 4.3.6
Inlet stop valve - General	Pass	EN671-1:2012, clause 4.3.9
Inlet stop valve - Manual inlet stop valve	Written on sticker attached to Hose reel	EN671-1:2012, clause 4.3.10
Inlet stop valve - Automatic inlet valve	Written on sticker attached to Hose reel	EN671-1:2012, clause 4.3.11
Hydraulic properties - Resistance to internal pressure	Pass	EN671-1:2012, clause 4.3.12
Hydraulic properties – Strength	Pass	EN671-1:2012, clause 4.3.13
Reel - Unwinding load	Pass	EN671-1:2012, clause 4.4.1
Reel - Dynamic breaking	Pass	EN671-1:2012, clause 4.4.2
Hose - Maximum length	Pass	EN671-1:2012, clause 4.4.3
Resistance to corrosion of coated parts	Pass	EN671-1:2012, clause 4.8.1
Resistance to corrosion of waterways	Pass	EN671-1:2012, clause 4.8.2
Ageing tests for plastics materials	Pass	EN671-1:2012, clause 4.8.3



Number	0620-CPR-6437	Replaces	0620-CPD-6437
Issued	2013-09-15	First issued under CPR	2013-09-15
		First issued under CPD	2002-02-01

Certificate of
CONSTANCY OF PERFORMANCE
AVCP 1

Notified Body 0620, Kiwa has determined that

NOHA Norway AS

fulfils all provisions concerning the assessment and verification of constancy of performance at system 1 and the performances described in Annex ZA of the standard EN671-1:2012.

Hose reels with semi-rigid hose

Product:

- As stated on page 2 in this Certificate of constancy of performance.

Task

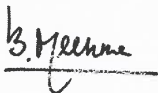
Producer

Factory Production Control
 Further testing of Samples

Task

Kiwa

Initial Type Testing
 Certification of FPC
 Continuous surveillance



Bouke Meekma
 Kiwa

This certificate consists of 2 pages.
 Publication of the certificate is allowed.

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Producer

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