

# Declaration of Conformity

|             |                                                                                                                                                      |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Page</b> | <b>Content:</b>                                                                                                                                      |
| 2           | European Community Declaration of Conformity                                                                                                         |
| 4           | Certificate of Constancy of Performance<br>(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,       |                   |



Lagerveien 25, 4033 Stavanger  
sale@noha.no  
www.noha.no

# 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<br>(Note 1 & 4) |                                |                             |               |                                                      |                                        |                                                      |                                          |                   |                         |       |                                                                                                                                      |
|----------------------------------------------------------|--------------------------------|-----------------------------|---------------|------------------------------------------------------|----------------------------------------|------------------------------------------------------|------------------------------------------|-------------------|-------------------------|-------|--------------------------------------------------------------------------------------------------------------------------------------|
| NS-EN 671-1<br>(Note 2 & 4)                              |                                |                             |               |                                                      |                                        |                                                      |                                          | EN694<br>(Note 2) |                         |       | IACS UI SC249;<br>implementation of<br>SOLAS II-1,<br>Regulation 3-5 and<br>MSC.1/Circ.1379<br>SOLAS Chapter II-1,<br>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 |                                                                                                                                      |
| 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) KWA 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 | 1                                                                                                                                                                                                                                                                                     |                                    |
| 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+.<br>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 specification |
| 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**

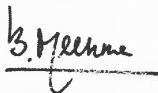
**Producer**

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.

Kiwa Nederland B.V.  
Sir Winston Churchilllaan 273  
Postbus 70  
2280 AB RIJSWIJK  
The Netherlands

Tel. +31 70 414 44 00  
Fax +31 70 414 44 20  
info@kiwa.nl  
www.kiwa.nl

**Producer**

NOHA Norway AS  
Lagerveien 25  
N-4033 Stavanger  
Norway  
Tel. +47.51 81 6000  
Fax +47.51 81 6001