



Certificate

of
Approval
of
Components and Systems

Holder of the Approval:

VSH Fittings B.V.
Oude Amersfoortseweg 99

NL-1212AA Hilversum

This approval is valid only for the specified component/system as submitted for the test

- together with the parts listed in enclosure 1
- documented in the technical papers acc. to enclosure 2 (n/a for systems)

■ for application in the specified fire protection and security installations. Use of the subject matter of the approval, is subject to the hints/comments of enclosure 3.

The validity of the approval can be extended upon application. Application for extension shall be submitted six months before expiry of the current approval at the latest.

This certificate may only be reproduced in its present form without any modification including all enclosures. All changes of the underlying conditions of this approval shall be reported **by registered mail** at once to the VdS Certification Body enclosing the required documentation.

Any advertising with this VdS approved component/system shall reflect the correct contents of the certificate and shall not violate the trade practice rules.

<i>Approval No.:</i>	<i>No. of pages:</i>	<i>Valid from:</i>	<i>Valid to:</i>
G 4080037	7	16.06.2009	24.02.2013

Subject matter of the Approval:

Pipe system, stainless steel
Type "VSH Press Sprinkler Edelstahl"

Use:

in Stationary water extinguishing systems

Basis for approval:

Procedure Guidelines - VdS 2344en: 2005-12

Guidelines for Water Extinguishing Systems - Requirements and Test Methods for Metal Press Fitting Pipe Systems
VdS 2100-26: 2007-03 (draft)

Köln (Cologne), 16. Juni 2009


Schüngel

Managing Director


ppa. Stahl

Head of the VdS Certification Body

VdS Schadenverhütung GmbH
Zertifizierungsstelle
Amsterdamer Str. 174
D-50735 Köln

in the Gesamtverband der Deutschen Versicherungswirtschaft e.V.
(German federation of insurance companies)



Enclosure 1

Sheet 1

To Certificate of Approval No. G 4080037

Date 16. Juni 2009

The approved component/system comprises the following parts:

Description of component	Type	Applicant's Registration No.	Approval number of component (only complete for system approval)
<p>Pipe system made of stainless steel</p> <p>consisting of:</p> <p>Press fittings made of steel (1.4404)</p> <p>DN 20 22 mm x 1,5 mm</p> <p>DN 25 28 mm x 1,5 mm</p> <p>DN 32 35 mm x 1,5 mm</p> <p>DN 40 42 mm x 1,5 mm</p> <p>DN 50 54 mm x 1,5 mm</p> <p>DN 65 76,1 mm x 2 mm</p> <p>DN 80 88,9 mm x 2 mm</p> <p>DN 100 108 mm x 2 mm</p> <p>System pipe made of steel (1.4401)</p> <p>DN 20 22 mm x 1,2 mm</p> <p>DN 25 28 mm x 1,2 mm</p> <p>DN 32 35 mm x 1,5 mm</p> <p>DN 40 42 mm x 1,5 mm</p> <p>DN 50 54 mm x 1,5 mm</p> <p>DN 65 76,1 mm x 2 mm</p> <p>DN 80 88,9 mm x 2 mm</p>	<p>VSH Press Sprinkler Edelstahl</p>		

**Enclosure 1**

Sheet 2

To Certificate of Approval No. G 4080037

Date 16. Juni 2009

The approved component/system comprises the following parts:

Description of component	Type	Applicant's Registration No.	Approval number of component (only complete for system approval)
DN 100 108 mm x 2 mm			
O-seal EPDM (black)	EP 1/1/5 EP 3/1/3		
Press tools Jointing clamp, manufacturer „Novopress“ electro hydraulic (battery)	ACO 201 ACO 202 AFP 201		
electro hydraulic (mains)	ECO 301 ECO 201 EFP 2 EFP 201		
Die stock	ECO 301 Pressschlinge 35 VSH Press Powerschlinge ECOTEC Backe		
Adapter	ZB 302 ZB 201		



Enclosure 1

Sheet 3

To Certificate of Approval No. G 4080037

Date 16. Juni 2009

The approved component/system comprises the following parts:

Description of component	Type	Applicant's Registration No.	Approval number of component (only complete for system approval)
allowable pressures: DN 20 – DN 65 16 bar DN 80 12,5 bar DN 100 10 bar			



Enclosure 2

Sheet 1

To Certificate of Approval No. G 4080037

Date 16. Juni 2009

The approved component/system is described as follows:

Type of document	Manufacturer's identification	Date	Number of Pages
List of documents as well as all drawings and documents specified therein	- Document list VSH S-press super size	25.03.2009	5
	- VdS Sprinkler 2006-CGA-020	08.04.2009	5
	- VdS Sprinkler – 009 Rev: 2	08.04.2009	4
Manual	Montage- und Einbauanleitung Sprinkler Edelstahl System	05/2009	31
VdS test report No. WAL 08076		16.10.2008	
VdS test report No. WAL 09025		20.05.2009	



Enclosure 3

Sheet 1

To Certificate of Approval No.: G 4080037

Date 16. Juni 2009

Instructions for the application of the approval component/system (see enclosure 1):

The pipe system made of stainless steel of company VSH Fittings B.V., Oude Amersfoortseweg 99, NL-1212AA Hilversum with the designation 'VSH Press Sprinkler Edelstahl' may be only used in wet and dry systems behind the alarm valve station according to VdS guideline -design and installation for sprinkler systems- VdS CEA 4001.

The use is limited to the connection of the system components among each other. The connection of other non-system components is only admissible via detachable metal connections.

The use is limited to the protection of low hazards (LH, OH1-OH3 and OH4 limited to exhibition halls, cinemas, theatres, concert halls).

The mounting and installation instruction of the manufacturer and his specifications of the press techniques have to be observed during use. The admissible clamp clearances for copper pipes according to VdS CEA 4001 do apply.

It is not allowed to insert additives in the extinguishing water. Exceptions are anticorrosive agents according to manufacturer release and previous agreement with VdS Schadenverhütung.

**Enclosure 3**

Sheet 2

To Certificate of Approval No.: G 4080037

Date 16. Juni 2009

Instructions for the application of the approval component/system (see enclosure 1):

Press tools, die stocks and loops:

Press tools ECO 301		
	Nominal size	Adapter
ECO 301 jaw	DN 20	n.a.
ECO 301 jaw	DN 25	n.a.
Press loop 35	DN 32	ZB 302
VSH Press Power loop	DN 40	ZB 302
VSH Press Power loop	DN 50	ZB 302
Press tools ECO 201, ACO 201, ACO 202, EFP 201 & AFP 201		
	Nominal size	Adapter
ECOTEC jaw	DN 20	n.a.
ECOTEC jaw	DN 25	n.a.
Press loop 35	DN 32	ZB 201
Press tools UAP100 Big Press 230V		
	Nominal size	Adapter
KSP 3	DN 65	n.a.
KSP 3	DN 80	n.a.
KSP 3	DN 100	n.a.



SVENSK BRAND & SÄKERHETS
CERTIFIERING AB



INTYG

System nr 1 complying with Annex D "Certification and related activities" in ISO, 1992 ISBN 92-67-10176-5

No. 09-587

Svensk Brand- och Säkerhetscertifiering AB certifies that the:

Piping system
VSH Press Sprinkler Stainless

fulfils the requirements according to

Svenska Brandförsvarsförningens


SBF 60:2, Norm för komponenter i vattensprinkleranläggning

Certificate holder is

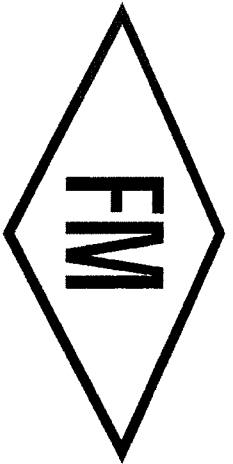
VSH Fittings B.V
32006018

Certificate is valid until 2014-12-31

Stockholm 2009-11-10


Jan-Olof Danielsson
Managing Director





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Certificate of Compliance

Tube and Fittings for Fire Protection Sprinkler Systems

The following items are FM Approved for:

VSH Fittings B. V.
Oude Amersfoortseweg 99
1212 AA Hilversum
P.O. BOX 498, 1200 AL Hilversum
The Netherlands

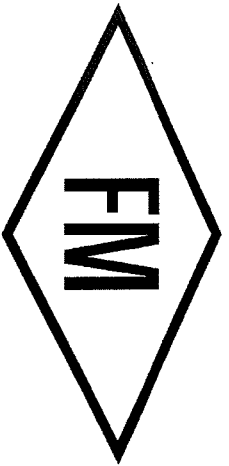
when manufactured at the plant listed below:

Designation	Product Description	Nominal Tube Size, mm	Wall Thickness, mm	Rated working Pressure, psi (kPa)	Remarks
C1461	Carbon Steel Tube	22, 28, 35, 42, 54	1.5	175 (1205)	a, b, c, d, e
R 2750	Stainless steel 1.4401 Tube	22, 28	1.2	175 (1205)	a, c, d, e
R 2750	Stainless steel 1.4401 Tube	35,42,54	1.5	175 (1205)	a, c, d, e
R 2753	Stainless steel 1.4520 Tube	22, 28	1.2	175 (1205)	a, c, d, e
R 2753	Stainless steel 1.4520 Tube	35,42,54	1.5	175 (1205)	a, c, d, e
R 2752	Stainless steel 1.4521 Tube	22, 28	1.2	175 (1205)	a, c, d, e
R 2752	Stainless steel 1.4521 Tube	35,42,54	1.5	175 (1205)	a, c, d, e

- FM Approved for use with FM Approved tube fittings.
- FM Approved for wet sprinkler systems only.
- FM Approved for use with the Novopress ECO301 assembly press tool.
- FM Approved for use in sprinkler branch lines only.
- FM Approved for use in sprinkler systems when joined to the sprinkler trunk pipework by FM Approved "Transition Fitting".



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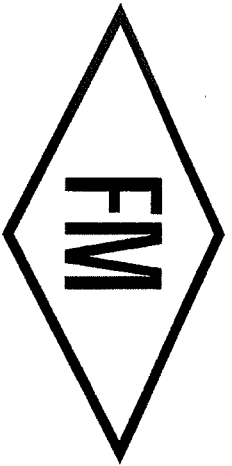
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Designation	Product Description	Nominal Size, mm	Rated working Pressure, psi (kPa)	Remarks
C 1401	Straight coupling 2x Press	22x22, 28x28, 35x35, 42x42, 54x54	175 (1205)	b, c, d, e, f, g
C 1402	Straight Connector Female	22xRp3/4, 28xRp1/2, 28xRp1, 35xRp1 1/4	175 (1205)	b, c, d, e, f, g
C 1403	Slip coupling 2x Press	22x22, 28x28, 35x35, 42x42, 54x54	175 (1205)	b, c, d, e, f, g
C 1405	Straight Connector Male	22xR3/4, 22xR1, 28xR3/4, 28xR1, 35xR1 1/4, 42xR1 1/2, 54xR2	175 (1205)	b, c, d, e, f, g
C 1407	Reducer Male x Press	28x22, 35x22, 35x28, 42x28, 42x35, 54x22, 54x28, 54x35, 54x42	175 (1205)	b, c, d, e, f, g
C 1408	Elbow 90° 2x Press	22x22, 28x28, 35x35, 42x42, 54x54	175 (1205)	b, c, d, e, f, g
C 1411	Elbow 90° Press x Round	22x22, 28x28, 35x35, 42x42, 54x54	175 (1205)	b, c, d, e, f, g
C 1412	Elbow 45° Press x Round	28x28, 35x35, 42x42, 54x54	175 (1205)	b, c, d, e, f, g
C 1413	Elbow 45° 2x Press	22x22, 28x28, 35x35, 42x42, 54x54	175 (1205)	b, c, d, e, f, g
C 1414	Tee Equal 3x Press	22x22x22, 28x28x28, 35x35x35, 42x42x42, 54x54x54	175 (1205)	b, c, d, e, f, g
C 1415	Tee Reduced 3x Press	22x28x22, 28x28x28, 35x22x35, 35x28x35, 42x22x42, 42x28x42, 42x35x42, 54x22x54, 54x28x54, 54x35x54, 54x42x54	175 (1205)	b, c, d, e, f, g
C 1417	Crossover 2x Male	22x22, 28x28	175 (1205)	b, c, d, e, f, g
C 1418	Tee Reduced Press x Female thread x Press	22xRp1/2x22, 22xRp3/4x22, 28xRp1/2x28, 28xRp3/4x28, 35xRp1/2x35, 35xRp3/4x35,	175 (1205)	b, c, d, e, f, g



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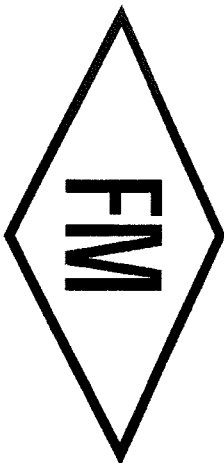
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		42xRp1/2x42, 42xRp3/4x42, 54xRp1/2x54, 54xRp3/4x54, 54xRp1x54			b, c, d, e, f, g
C 1425	Bend 90° 2x Round	22x22, 28x28, 35x35, 42x42, 54x54	175 (1205)		b, c, d, e, f, g
C 1428	Angle adaptor 90° Press x Male thread	22xRp3/4	175 (1205)		b, c, d, e, f, g
C 1429	End cap 1 x Press	22, 28, 35, 42, 54	175 (1205)		b, c, d, e, f, g
C 1430	Elbow 90° Press x Male thread	22xRp3/4, 28xRp1, 35xRp1 1/4, 42xRp1 1/2, 54xRp2	175 (1205)		b, c, d, e, f, g
C 1433	Straight connector Male x Female thread	22xRp1/2, 22xRp3/4	175 (1205)		b, c, d, e, f, g
C 1434	Pass Crossing 4 x Press	28x22x28x22	175 (1205)		b, c, d, e, f, g
C 1435	Straight Union Press x Male thread	22xRp3/4, 28xRp1, 35xRp1 1/4, 42xRp1 1/2, 54xRp2	175 (1205)		b, c, d, e, f, g
C 1438	Elbow 90° Press x Female	25xRp1/2, 25xRp3/4, 35xRp1/2, 35xRp3/4	175 (1205)		b, c, d, e, f, g
C 1440	GROEF KOPP. X PRESS	35, 42, 54	175 (1205)		b, c, d, e, f, g
R2701	STRAIGHT COUPLING (2XS-PR)	22x22, 28x28, 35x35, 42x42, 54x54	175 (1205)		a, b, c, e, f, g
R2702	STRAIGHT CONNECT (S-PRXFEM)	22x1/2, 22x3/4, 22x1, 28x3/4, 28x1, 28x5/4, 35x1, 35x5/4, 35x3/2, 42x5/4, 42x3/2, 54x3/2, 54x2	175 (1205)		a, b, c, e, f, g
R2703	SLIP COUPLING (2XS-PR)	22x22, 28x28, 35x35, 42x42, 54x54	175 (1205)		a, b, c, e, f, g
R2704	STRAIGHT TAP CON.(S-PRXFEM)	22x1, 28x5/4, 35x3/2, 42x1 3/4, 54x2 3/8	175 (1205)		a, b, c, e, f, g
R2705	STRAIGHT CON. (S-PRXMALE)	22X1/2, 22X3/4, 22X1, 28X3/4, 28X1, 28X5/4, 35X1, 35X5/4, 35X3/2, 42X5/4, 42X3/2, 54X3/2, 54X2	175 (1205)		a, b, c, e, f, g
R2707	REDUCER (ØXS-PR)	28X22, 35X22, 35X28, 42X22, 42X28, 42X35, 54X22, 54X28, 54X35, 54X42	175 (1205)		a, b, c, e, f, g



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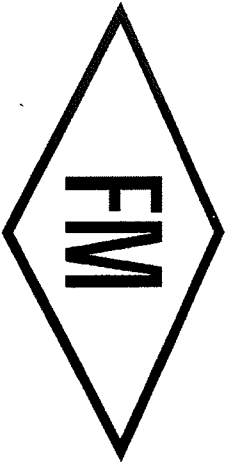
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R2708	ELBOW 90° (2 X S-PR)	22x22, 28x28, 35x35, 42x42, 54x54	175 (1205)	a, b, c, e, f, g
R2709	ANGLE CON. 90° (S-PRXEM)	22X3/4, 28X1, 35X5/4	175 (1205)	a, b, c, e, f, g
R2711	ELBOW 90° (S-PRXØ)	22x22, 28x28, 35x35, 42x42, 54x54	175 (1205)	a, b, c, e, f, g
R2712	ELBOW 45° (S-PRXØ)	22x22, 28x28, 35x35, 42x42, 54x54	175 (1205)	a, b, c, e, f, g
R2713	ELBOW 45° (2 X S-PR)	22x22, 28x28, 35x35, 42x42, 54x54	175 (1205)	a, b, c, e, f, g
R2714	TEE EQUAL (3XS-PR)	22X22X22, 28X28X28, 35X35X35, 42X42X42, 54X54X54	175 (1205)	a, b, c, e, f, g
R2715	TEE REDUCED (3XS-PR)	28X22X28, 35X22X35, 35X28X35, 42X22X42, 42X28X42, 42X35X42, 54X22X54, 54X28X54, 54X35X54, 54X42X54	175 (1205)	a, b, c, e, f, g
R2717	CROSSOVER S-PR (ØXØ)	22X22, 28X28	175 (1205)	a, b, c, e, f, g
R2718	TEE (S-PRXEMXS-PR)	22X1/2X22, 22X3/4X22, 28X1/2X28, 28X3/4X28, 35X1/2X35, 35X3/4X35, 42X1/2X42, 42X3/4X42, 54X1/2X54, 54X3/4X54, 54X2X54	175 (1205)	a, b, c, e, f, g
R2722	BENT PIPE 15° S-PR (ØXØ)	28x28, 35x35, 42x42, 54x54	175 (1205)	a, b, c, e, f, g
R2723	BENT PIPE 30° S-PR	28x28, 35x35, 42x42, 54x54	175 (1205)	a, b, c, e, f, g
R2724	BENT PIPE 60° S-PR (ØXØ)	28x28, 35x35, 42x42, 54x54	175 (1205)	a, b, c, e, f, g
R2725	BENT PIPE 90° S-PR (ØXØ)	28x28, 35x35, 42x42, 54x54	175 (1205)	a, b, c, e, f, g
R2726	FLANGE CONNECTOR PN10/16 S-PR	22, 28, 35, 42, 54	175 (1205)	a, b, c, e, f, g
R2728	ANGLE CON. 90° (S-PR)	22X3/4, 28X1, 35X5/4,	175 (1205)	a, b, c, e,



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	PRXMALE)	42X3/2, 54X2		f, g
R2729	ENDCOUPLING	22 S-PR, 28 S-PR, 35 S-PR, 42 S-PR, 54 S-PR	175 (1205)	a, b, c, e, f, g
R2735	STRAIGHT UNION (S-PRXMALE)	22X1/2, 22X3/4, 22X1, 28X1, 35X1/4, 42X1/2, 54X2	175 (1205)	a, b, c, e, f, g
R2736	PUMP CONNECTOR S-PR	22X1.1/4, 22X1.1/2, 28X1.1/2, 35X2, 42X2.1/4, 54X2.3/4	175 (1205)	a, b, c, e, f, g
R2738	STRAIGHT UNION (S-PRXFEM)	22X3/4, 22 X1, 28X1, 35X1/4, 42X1/2, 54X2	175 (1205)	a, b, c, e, f, g

- a. Stainless steel.
- b. For use with 'VSH Fittings' FM Approved tube.
- c. FM Approved with the EDPM EP313 and EDPM EP737 'O-Ring'.
- d. FM Approved for wet sprinkler systems only.
- e. FM Approved for use with the Novopress ECO 301 assembly press tool.
- f. FM Approved for use in sprinkler branch lines only.
- g. FM Approved for use in sprinkler systems when joined to the sprinkler trunk pipework by FM Approved "Transition Fitting".

Manufactured by:

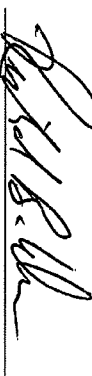
VSH Fittings B. V.
 Oude Amersfoortseweg 99
 1212 AA Hilversum
 P.O. BOX 498, 1200 AL Hilversum
 The Netherlands

FM Approvals confirms that the items have been found to comply with the following standards:

FM Approvals Standard 1920 (November 2007) and FM Standard 1630 (November 2004)

Project Identifier: 3034006

Date of Approval: June 2, 2009


 Richard B. Dunne
 Group Manager - Hydraulics

Date June 23, 2009



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Sveidst. Institute for Technical
Approval in Construction



2006-09-14

Proj.nr T400168-01

1 (2)

TYPGODKÄNNANDEBEVIS 0168/04

med beslut om tillverkningskontroll enligt 18-20 § lagen (1994:847) om tekniska egenskapskrav på byggnadsverk, m.m., BVL.

SAKORD: TAPPVATTEN
Fogmetoder, kopplingar
övriga fogar

Rostfria rör för tappvatteninstallationer

Innehavare	VSH Fittings bv, Postbus 498, NL-1200 AL Hilversum tel: +31 35 688 42 11, fax: +31 35 688 43 79, Internet: www.vsh-fittings.com
Information	Broen Raufoss AB, Exportgatan 38B, 422 46 HISINGS BACKA, tel: 031-761 02 00, fax: 031-704 86 00.
Produkt	VSH PRESS, rostfria rör i material EN 1.4401 enligt EN 10088 med dimensionerna 15x1,0, 18x1,0, 22x1,2, 28x1,2, 35x1,5, 42x1,5, 54x1,5, 76,1x2,0, 88,9x2,0, 108x2,0
Avsedd användning	Rör för tappvatteninstallationer.
Handelsnamn	VSH PRESS
Godkännande	Rören uppfyller kraven i 2 § 3 BVL i de avseenden och under de förutsättningar som anges i detta bevis och godkänns därför enligt bestämmelserna i följande av- snitt i Boverkets Byggregler (BBR). Vatten och avlopp, Installationer för tappvatten 6:62, 2:a stycket Utförning 6:625 1:a och 4:e stycket
Tillhörande handlingar	-
Kontroll	Tillverkningskontrollen skall utföras i enlighet med kontrollanvisningar daterade 2004-04-27 och appendix daterat 2004-10-04 och övervakas av ett oberoende tredjepartsorgan, MPA NRW.

Vid byggherrens kontroll på byggsplatsen skall, genom identifiering med hjälp av märkningen, tillses att rätt produkter levererats och att utförande och montering överensstämmer med tillhörande handlingar. Dessutom skall kontrolleras att produkten åtföljs av en tillverkarförsäkran, som intygar att tillverkning skett i enlighet med de handlingar som legat till grund för detta bevis.



Swedish Institute for Technical
Approval in Construction



2006-09-14

2 (2)

Tg-bevis nr 0168/04

Tillverkare	Tillverkningskontroll omfattar följande tillverkningsställe: VSH Fittings bv, Postbus 498, NL-1200 AL Hilversum.	
Märkning	Rören förses vid fabrik med följande märkning:	
	Tillverkarens namn	VSH
	Produktens typbeteckning	VSH PRESS
	Typgodkännandebevisets nummer	0168/04
	Löpande tillverkningsnummer eller -datum	nr/datum
	Besiktningsorgan MPA NRW	DVGW
	Övrig märkning sker på etikett på förpackningarna och omfattar:	
	Tillverkarens namn och tillverkningsort	VSH, Hilversum, NL
	Boverkets inregistrerade varumärke	†
	SITAC:s ackrediteringsnummer	SITAC 1422
	Typgodkännandebevisets nummer	0168/04
Bedömnings- underlag	Rapport nr 120001352-02 oc 95-7357-WNU från MPA NRW, Tyskland.	
Kommentarer	Detta bevis ersätter tidigare bevis med samma nummer daterat 2004-10-20 och projektnummer T400168.	
Giltighetstid	Godkännandet gäller t o m 2009-10-20.	

Johan Akesson

Håkan Thimman



DVGW-Baumusterprüfzertifikat

DVGW type examination certificate

DG-8531BP0467

Registriernummer
registration number

Anwendungsbereich <i>field of application</i>	Produkte der Gasversorgung <i>products of gas supply</i>
Zertifikatinhaber <i>owner of certificate</i>	VSH Fittings BV Oude Amersfoortseweg 99, NL-1212 AA Hilversum
Vertreiber <i>distributor</i>	VSH Fittings BV Oude Amersfoortseweg 99, NL-1212 AA Hilversum
Produktart <i>product category</i>	Installationssysteme und Systemverbinder: Rohrverbinder für Gasinstallationssysteme (8531)
Produktbezeichnung <i>product description</i>	Edelstahlpressverbinder für Edelstahlrohre nach DVGW GW 541 für die Gasinstallation
Modell <i>model</i>	VSH Press Gas
Prüfberichte <i>test reports</i>	Baumusterprüfung: 120001927 vom 26.07.2004 (MPM)
Prüfgrundlagen <i>basis of type examination</i>	DVGW VP 614 (01.10.2001)
Ablaufdatum / AZ <i>date of expiry / file no.</i>	26.07.2007 / 04-0817-GNE

09/12/2004/Bea M2

Datum, Unterschrift, Blatt, Leiter der Zertifizierungsstelle
date issued by, sheet, head of certification body

DVGW-Zertifizierungsstelle - von der Deutschen Akkreditierungsstelle Technik (DATech) e.V. akkreditiert für die Konformitätsbewertung von Produkten der Gas- und Wasserinstallation



DVGW Deutsche Vereinigung
des Gas- und Wasserfachwesens e.V.
Technisch-wissenschaftlicher
Veren

Zertifizierungsstelle
Josef-Wimmer-Straße 1, 3
53123 Bonn



Zertifikat über ein DVGW Prüfzeichen
certificate for a DVGW test mark

DW-8511BN0600

Registriernummer
registration number

Anwendungsbereich <i>field of application</i>	Produkte der Wasserversorgung <i>products of water supply</i>
Zertifikatinhaber <i>owner of certificate</i>	VSH Fittings BV Oude Amersfoortseweg 99, NL-1212 AA Hilversum
Vertreiber <i>distributor</i>	VSH Fittings BV Oude Amersfoortseweg 99, NL-1212 AA Hilversum
Produktart <i>product category</i>	Verbinder und Installationssysteme: Rohrverbinder für Trinkwasserinstallationssysteme (8511)
Produktbezeichnung <i>product description</i>	System mit Pressverbindern aus nichtrostendem Stahl und DVGW-geprüften und -zertifizierten Rohren aus nichtrostendem Stahl
Modell <i>model</i>	VSH Press
Prüfberichte <i>test reports</i>	Mechanik: 120001392 vom 16.09.2002 (MPM) Mechanik: 120001392-02 vom 25.10.2002 (MPM) Hygiene: KA 299A/01 vom 19.02.2001 (TZW)
Prüfgrundlagen <i>basis of type examination</i>	DVGW W 534 (01.09.1995) BGA KTW (07.01.1977)
Ablaufdatum / AZ <i>date of expiry / file no.</i>	18.09.2007 / 03-0005-WNE

15.01.2003 Fk A-1/2

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DVGW Certification Body - accredited by Deutsche Akkreditierungsstelle Technik (DATech) e.V. for conformity assessment of products of gas and water supply



DAT-ZE009/96-01

DVGW Deutsche Vereinigung
des Gas- und Wasserfaches e.V.

Technisch-wissenschaftlicher
Verein

Zertifizierungsstelle
Josef-Wirmer-Straße 1-3
D-53123 Bonn

Telefon +49 (228) 91 88 807
Telefax +49 (228) 91 88 993

Produktsertifikat

Sertifikat nr. 0952

Norges byggforskningsinstitutt
bekrefter at

VSH pressfittings for rustfrie stålrør,
i dimensjon 12 – 108 mm

er i samsvar med kravene i

DVGW W 534
NT VVS 064

Produktsertifikatet tilhører

VSH Fittings BV

Utstedt: 16.05.2003
Revidert 12.03.2004
Gyldig frem til: 01.07.2008

Produktet er underlagt kontroll med DTI i Danmark



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Knut Ivar Edvardsen
Sertifiseringsleder

Hovedkontor:
Forskningsveien 3b
Telefon: 22 86 65 65
Telefax: 22 69 94 38

Postadresse
Postboks 123 Blindern
0314 OSLO

Bankgiro:
5084.06.10058
Foretaksnr.:
NO 943 813 361 MVA

Avdelingskontor:
Høgskoleingen 7
Telefon: 73 59 33 90
Telefax: 73 59 33 80

Postadresse:
Høgskoleingen 7
7491 TRONDHEIM