



Date : 31 March 2015

CERTIFICATE OF COMPLIANCE


This certificate of compliance validates the following			
TEST REPORT NUMBER 'Assessment Reports' are not acceptable	259143	CERTIFICATE NUMBER	1033a Issue 03 1033b Issue 03
DATE OF ISSUE	31 January 2011	DATE OF ISSUE	11 October 2012
DATE OF EXPIRY	NA	DATE OF EXPIRY	NA
Manufacturer details			
NAME OF FACTORY/ MANUFACTURER	VSH Fittings BV	NAME OF THE BRAND	Xpress by VSH Fittings BV
FACTORY ADDRESS / REGION (STREET / TOWN / CITY / COUNTRY)	Oude Amersfoortseweg 99, NL-1212 AA, Hilversum, The Netherlands	MODEL / NO	Lightweight Range of Galvanized Steel and Stainless Steel sprinkler Pipework
WEBSITE	www.vsh.nl	LOGO ON THE PRODUCT	
TEL	+31 (0)356884211	EMAIL	info@vsh.nl



Product Details From Test Report		Reference Test Report page NO
DESCRIPTION OF THE PRODUCT (TECHNICAL DETAILS FROM TEST REPORT, SUCH AS ACTUAL FIRE RATINGS/DIMENSIONS/THICKNESS/ SENSITIVITY ETC)	The carbon steel fittings were stated to be manufactured from unalloyed steel (material 1.0034/St 34-2) with an electroplated coating of zinc. The stainless steel fittings were stated to be manufactured from 1.4404/AISI 316L material.	7 of 17
TEST STANDARD (SUCH AS ASTM/BS EN/ DN ETC)	TS1599 – Requirements and testing procedures for the LPCB approval and listing of press-fit pipe and couplings/fittings	7 of 17
TEST DESCRIPTION	The schedule of tests was as follows: Examination Hydrostatic fluctuation pressure Hydrostatic pressure Water hammer Air leakage Low temperature resistance High temperature ageing Fire test Bend test Salt spray corrosion Marking The number of specimens to be subjected to each test was specified in schedule 1807AA	7 of 17
SPECIFICATION OF TEST SPECIMEN	[Refer to test report section 2.1 – Equipment]	4-7 of 17
TEST RESULT (SUCH AS PASSED CRITERIA___/ COMPLIED TO___/ DURATION___/OBSERVATION___/ETC)	when tested in accordance with test schedule 1807AA, met the following requirements of Technical Approval Schedule TS1599: Examination - PASS Hydrostatic fluctuation pressure - PASS Hydrostatic pressure - PASS Water hammer - PASS Air leakage - PASS Low temperature resistance - PASS High temperature ageing - PASS Fire test - PASS Bend test – PASS (except for the 54mmx22mm and 54mmx28mm reducers) Salt spray corrosion - PASS Marking - PASS	17 OF 17


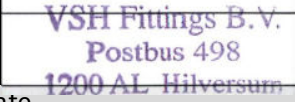


<p>PRODUCT APPLICATION GUIDELINE (END USE) (CLEARLY STATE THE END USE WITH SPECIFIC APPLICATION, SUCH AS EXACT FIRE RATING/TO BE INSTALLED IN ___/TO BE INSTALLED AT ___/TO BE CONNECTED WITH ___/TO BE INSTALLED WITH ___ ETC ALONG WITH ANY WARNINGS SUCH AS NOT TO BE USED IN ___/NOT TO BE INSTALLED AT ___/ NOT TO BE INSTALLED WITH ___ ETC.</p>	<ol style="list-style-type: none"> The above VSH XPress pipework and fittings are to be installed using the Novopress ECO301, ACO201, ACO202, ECO201, ECO202, EFP2, EFP202 and Klauke UAP2 pressing tools in accordance with the VSH User Manual. VSH XPress pipework and fittings may only be installed by Sprinkler Contractors who have undergone adequate training by the manufacturer. VSH XPress pipework and fittings shall be installed in accordance with the VSH User Manual: XPress Sprinkler EN-12-1.0. The use of VSH XPress Sprinkler System pipework and fittings shall be recorded on LPS1048 certificates of conformity. Where a VSH Reducer is installed, a pipe hanger shall be used adjacent to the reducer on the larger pipe. Where VSH system pipework is connected to sprinklers in suspended ceilings, only LPCB Approved flexible drops shall be used. VSH XPress pipework and fittings are not compatible with lightweight piping systems from other manufacturers. 	NA
---	---	----

Laboratory and Certification body details			
NAME OF CERTIFICATION BODY	BRE Global Ltd.	NAME OF TEST FACILITY	BRE Global Ltd.
CERTIFICATION BODY ADDRESS / REGION <small>(STREET / TOWN / CITY / COUNTRY)</small>	Bucknalls Lane, Watford, Hertfordshire, WD25 9XX UK	TEST FACILITY ADDRESS / REGION <small>(STREET / TOWN / CITY / COUNTRY)</small>	Bucknalls Lane, Watford, Hertfordshire, WD25 9XX UK
WEBSITE	www.breglobal.com	WEBSITE	www.breglobal.com
TEL	+44 (0) 033 321 8811	TEL	+44 (0) 033 321 8811
EMAIL	BREGlobalEnquiries@bre.co.uk	EMAIL	BREGlobalEnquiries@bre.co.uk
ACCREDITED BY <small>(NAME OF ACCREDITATION BODY WHICH ISSUED ACCREDITATION TO THE CERTIFICATION BODY, ALONG WITH WEBSITE)</small>	UKAS www.ukas.com	ACCREDITED BY <small>(NAME OF ACCREDITATION BODY WHICH ISSUED ACCREDITATION TO THE LABORATORY, ALONG WITH WEBSITE)</small>	UKAS www.ukas.com
AS PER <small>(STANDARD TO WHICH THE CERTIFICATION BODY IS ACCREDITED TO)</small>	EN45011: 1998 / ISO 17065: 2012	AS PER <small>(STANDARD TO WHICH YOUR ORGANIZATION IS ACCREDITED TO)</small>	ISO 17025: 2005
VALIDITY <small>(EXPIRY DATE OF CERTIFICATION BODY ACCREDITATION)</small>	NA	VALIDITY <small>(EXPIRY DATE OF LABORATORY ACCREDITATION)</small>	NA
REFERENCE NUMBER: <small>(CERTIFICATION BODY ACCREDITATION REFERENCE NUMBER TO VERIFY ON THE ACCREDITOR'S WEBSITE)</small>	0007	REFERENCE NUMBER: <small>(THE LABORATORY ACCREDITATION REFERENCE NUMBER TO VERIFY ON THE ACCREDITOR'S WEBSITE)</small>	0578
CERTIFICATION MARK	 LPCB Cert No: 1033a, 1033b		



(ENDORSEMENT) TO BE SIGNED BY MANUFACTURER

NAME OF MANUFACTURER'S SIGNATORY	P. Broest	SIGNATURE	
EMAIL / TEL	p.broest@vsh.nl	FACTORY OFFICIAL SEAL	
NOTES: I Undertake that all data and information provided are genuine and accurate			

(ENDORSEMENT) TO BE SIGNED BY CERTIFICATION BODY

NAME OF CERTIFICATION BODY SIGNATORY	BRE Global Ltd. (LPCB Cert No: 1033a, 1033b)	SIGNATURE	
EMAIL / TEL	BREGlobalEnquiries@bre.co.uk +44 (0)333 321 88 11	CERTIFICATION BODY OFFICIAL SEAL	
NOTES: I Undertake that all data and information provided are genuine and accurate			

ATTACHMENTS:

- COPY OF 'CERTIFICATE OF COMPLIANCE' ISSUED BY CERTIFICATION BODY (OLD OR NEW)