



Free phone: 0800 103 433

CLASS SGS CERTIFICATE

HANSEN PRODUCTS NZ LTD

PO BOX 809
WHANGEREI 0140
NEW ZEALAND

PRODUCT

NOTES

HANSEN BALL VALVES

Product Codes HBV15, HBV20, HBV25, HBV32, HBV40, HBV50

The above product has been accepted for use within a Safe Ship Management System to which the provisions of the Maritime Transport Act 1994 apply subject to all requirements of the Maritime Rules (as amended by any relevant exemptions).

This approval is subject to the following conditions:

Application: All fresh water, grey water, and sanitary systems; Bilge systems and sea services in under 24m vessels constructed of materials other than steel.

The fittings are not to be used in fuel, oil, or fire systems, and are not to be directly attached to the shell below the weatherdeck except in ships less than 24m in length constructed of materials other than steel.

When the fittings are part of a bilge system the valves must be positioned for easy access to enable clearing and maintenance.

Conditions: Installation is to be in accordance with the manufacturer's instructions. All pipe work is to be adequately supported.

This Certificate is valid until **1 JUNE 2013**

Date of issue: **29 JUNE 2010**

Certificate No: **S10105J1/1**

Authorised Signatory

Terms of Certificate

- 1) This Certificate is issued in accordance with the SGS General Conditions for Inspection and Testing Services and should be read subject to them. (Hard copy available on request or can be viewed at http://www.sgs.com/terms_and_conditions.htm).
- 2) This Certificate may be suspended or cancelled at any time in accordance with applicable New Zealand Legislation.



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**PO BOX 809
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NEW ZEALAND**

PRODUCT

NOTES

HANSEN FOOT VALVES

Product Codes FV15, FV20, FV25, FV32, FV40, FV50, FV 63

The above products have been accepted for use within a Safe Ship Management System to which the provisions of the Maritime Transport Act 1994 apply subject to all requirements of the Maritime Rules (as amended by any relevant exemptions).

This approval is subject to the following conditions:

Application: All fresh water, grey water, and sanitary systems; Bilge systems and sea services

The fittings are not to be used in fuel, oil, or fire systems.


When the fittings are part of a bilge system the valves must be positioned for easy access to enable clearing and maintenance.

Conditions: Installation is to be in accordance with the manufacturer's instructions. All pipe work is to be adequately supported.

This Certificate is valid until **1 JUNE 2013**

Date of issue: **29 JUNE 2010**

Certificate No: **S10105J3/1**



Authorised Signatory

Terms of Certificate

- 1) This Certificate is issued in accordance with the SGS General Conditions for Inspection and Testing Services and should be read subject to them. (Hard copy available on request or can be viewed at http://www.sgs.com/terms_and_conditions.htm).
- 2) This Certificate may be suspended or cancelled at any time in accordance with applicable New Zealand Legislation.



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CLASS SGS CERTIFICATE

HANSEN PRODUCTS NZ LTD

PO BOX 809
WHANGEREI 0140
NEW ZEALAND

PRODUCT

NOTES

HANSEN CHECK VALVES

Product Codes, CV15, CV20, CV 25, CV 32, CV 40, CV 50, CV 63

The above products have been accepted for use within a Safe Ship Management System to which the provisions of the Maritime Transport Act 1994 apply subject to all requirements of the Maritime Rules (as amended by any relevant exemptions).

This approval is subject to the following conditions:

Application: All fresh water, grey water, and sanitary systems; Bilge systems and sea services in under 24m vessels constructed of materials other than steel.

The fittings are not to be used in fuel, oil, or fire systems, and are not to be directly attached to the shell below the weatherdeck except in ships less than 24m in length constructed of materials other than steel.

When the fittings are part of a bilge system the valves must be positioned for easy access to enable clearing and maintenance.

Conditions: Installation is to be in accordance with the manufacturer's instructions. All pipe work is to be adequately supported.

The installation is to be to the satisfaction of a Maritime NZ Recognised Surveyor of Ships.

This Certificate is valid until **1 JUNE 2013**

Date of issue: **29 JUNE 2010**

Certificate No: **S10105J2/1**

Authorised Signatory

Terms of Certificate

- 1) This Certificate is issued in accordance with the SGS General Conditions for Inspection and Testing Services and should be read subject to them. (Hard copy available on request or can be viewed at http://www.sgs.com/terms_and_conditions.htm).
- 2) This Certificate may be suspended or cancelled at any time in accordance with applicable New Zealand Legislation.



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HANSEN PRODUCTS NZ LTD

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NEW ZEALAND

PRODUCTS

NOTES

Pipe Fittings

As specified on the attached product schedule pages 1 and 2

The above products have been accepted for use within a Safe Ship Management System to which the provisions of the Maritime Transport Act 1994 apply.

This covers items as attached on doc 'Schedule of SGS M&I Fittings'

This approval is subject to the following conditions:

Application: All fresh water and grey water systems: Bilge suction and discharge systems; The fittings are not to be used in fuel or oil systems.

Conditions: Installation is to be in accordance with the manufacturer's instructions. All pipe work must be adequately supported.

To be used only in accordance with the requirements of the NZ Maritime Rules.

This Certificate is valid until **1 June 2013**

Date of issue: **29 June 2010**

Certificate No: **S10105J4/1**

Authorised Signatory

Terms of Certificate

- 1) This Certificate is issued in accordance with the SGS General Conditions for Inspection and Testing Services and should be read subject to them. (Hard copy available on request or can be viewed at http://www.sgs.com/terms_and_conditions.htm).
- 2) This Certificate may be suspended or cancelled at any time in accordance with applicable New Zealand Legislation.



Schedule of SGS M&I Approved Fittings 29/6/2010

Poly Fittings	Certificate No. S10105J4/1	Issued 29 June 2010
Bends	HB15, 20, 25, 32, 40, 50	
Bracket Elbows	HBE15, 20	
Camlocks	HCEP32, 40, 45	
Reducing Bracket Elbows	HRBE1520, 2015	
Female Bends	HFB15, 20, 25, 32, 40, 50	
Reducing Female Bends	HRFB1520, 2015, 2520, 3225, 4032, 5040	
Female Straight Couplings	HFS15, 20, 25, 32, 40, 50	
Reducing Female Couplings	HRFS2015, 2520, 3225, 4032, 5040	
Female Threaded Tees	HFT15, 20, 25, 32, 40, 50	
Long Straight Couplings	HLS15, 20, 25	
Male Bends Long	HMBL15, 20, 25	
Male Bends Short	HMBS15, 20, 25, 32, 40, 50	
Reducing Male Bends	HRMBL1520, 2015, 2025, 2520	
Male Straight Couplings	HMS15, 20, 25, 32, 40, 45, 50	
Male Reducing Couplings	HRMS1520, 2015, 2025, 2515, 2520	
Male Threaded Tees	HMT1520, 2020	
Reducing Straight Couplings	HRS2015, 2515, 2520, 3220, 3225, 4032, 4540, 5040	
Reducing Tee Connectors	HRT2520, 2015, 2025, 2515, 2520, 3220, 3225, 4025, 4032, 5032, 5040	
Straight Couplings	HS15, 20, 25, 32, 40, 45, 50	
Tee Connectors	HT15, 20, 25, 32, 40, 50	
Quick Release Couplings	HQC2520, 25, 32, 3225	



Schedule of SGS M&I Approved Fittings 29/6/2010

Threaded Fittings	Certificate S10105J4/1	Issued 29 June 2010
Back Nut Black	SBN15B, 20B, 25B, 32B, 40B, 50B	
Back Nut White	SBN15W, 20W, 25W, 32W, 40W, 50W	
Large Back Nut	SBNL15, 20, 25, 32, 40, 50, SN80LH, SN100LH	
Cap	SC15, 20, 25, 32, 40, 50, 65, 80, 100	
Hex Nipples	SHN06, 08, 10, 15, 20, 25, 32, 40, 50, 65, 80, 100	
Reducing Hex Nipples	SRHN0806, 1006, 1008, 1506, 1508, 1510, 2010, 2015, 2515, 2520, 3220, 3225, 4020, 4025, 4032, 5020, 5025, 5032, 5040, 6532, 6540, 6550, 8040, 8050, 8065, 10050, 10065, 10080	
Elbows	SE15, 20, 25, 32, 40, 50, 65, 80, 100	
Male Female Elbow	SMFE15, 20, 25, 32, 40, 50	
Male Hose Tail	SMHT06, 08, 10, 15, 20, 25, 32, 40, 50, 80	
Male Hose Tail Reducing	SRMHT0806, 0810, 1006, 1008	
Nut & Hose Tail	SNT15, 2015, 20, 2515, 2520, 25, 32, 40, 50, 80	
Nut & Tail Elbow	SNTE20, 25	
Plug	SP06, 08, 10, 15, 20, 25, 32, 40, 50, 65, 80, 100	
Reducing Bushes	SRB1506, 1508, 1510, 2008, 2010, 2015, 2508, 2510, 2515, 2520, 3215, 3220, 3225, 4015, 4020, 4025, 4032, 5015, 5020, 5025, 5032, 5040, 6532, 6540, 6550, 8040, 8050, 8065, 10050, 10065, 10080	
Male Female Adaptor	SMFA1520	
Sockets	SS15, 20, 25, 32, 40, 50, 65, 60, 100	
Sockets Reducing	SRS2015, 2515, 2520, 3220, 3225, 4020, 4025, 4032, 5020, 5025, 5032, 5040, 6540, 6550, 8050, 8065, 10065, 10080	
Female Tee	ST15, 20, 25, 32, 40, 50, 65, 80, 100	
Tank Fitting Female	SFTFT15, 20, 25, 32, 40, 50, 80, 100	
Tank Fitting Male Black	STF15B, 20B, 25B, 32B, 40B, 50B	
Tank Fitting Male White	STF15W, 20W, 25W, 32W, 40W, 50W	
Tank Fitting Washers	SWR15W, 20W, 25W, 32W, 40W, 50W (White Rubber) SW15P, 20P, 25P, 32P, 40P, 50P (Natural Poly) SW15B, 20B, 25B, 32B, 40B, 50B (Black Rubber) SW15PB, 20PB, 25PB, 32PB, 40PB, 50PB (Black Poly) SWLP15, 20, 25, 32, 40, 50, 80, 100 (Natural Poly) SWLR15, 20, 25, 32, 40, 50, 80, 100 (Black Rubber)	
Knuckle Unions	KU20M20P, 20M25P, 25M20P, 25M25P, 25M32P, 32M25P, 32M32P 20M20F, 25M25F, 32M32F 20F20P, 25F25P, 32F32P 20P20P, 25P25P, 32P32P KUS20P, 25P, 32P, 20M, 25M, 32M KUB20P, 25P, 32P, 20F, 25F, 32F	
Barrel Unions	SBU15, 20, 25, 2520, 32, 3225, 40, 50	