

## CLASS SGS M&I CERTIFICATE

This is to Certify that the

*Product:* **Hansen Pipe Fittings**  
**As specified on the product schedules page numbered 1 to 10**  
**referenced to this certificate .**

*Supplied by:* **Hansen Products (NZ) Limited**

*The above product has been accepted for use on vessels within a Safe Ship Management System to which the provisions of the Maritime Transport Act 1994 apply.*

*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, or within the Machinery  
Compartment.*

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

The installation is to be to the satisfaction of a Surveyor of Ships

This Acceptance is valid until **01 August 2007**.

*Date of issue:* **30 July 2004**

*Signed:*  .....  
*Authorised Signatory of SMS*

*Certificate No:* **E1002/1**



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**Product Identification Schedule of Product covered by Certificate E 1002/1  
issued 30/7/04 as listed from sheets I -10**

**POLYTHENE PIPE FITTINGS**

HB I 5,20,25,32,40,50  
HBE I 5,20  
HFB I 5,20,25,32,40,50  
HFS I 5,20,25,32,40,50  
HFT I 5,20,25,32,40,50  
HLS I 5,20,25  
HMBL I 5,20,25  
HMBS I 5,20,25,32,40,50  
HMS I 5,20,25,32,40,50  
HMT I 520,2020  
HRBE I 520,2015  
HRFB I 520,2015,2520,3225,4032,5040  
HRFS2015,2520,3225,4032,5040  
HRMBL I 520,2015,2025,2520  
HRMS I 520,2015,2025,2515,2520  
HRS2015,2515,2520,3220,3225,4032,5040  
HRT I 520,2015,2025,2515,2520,3220,3225,4025,4032,5032,5040  
HS I 5,20,25,32,40,50  
HT I 5,20,25,32,40,50

KU20M20P,20M25P,25M20P,25M25P,25M32P,32M25P,32M32P  
KU20M20F,25M25F,32M32F  
KU20F20P,KU25F25P,KU32F32P  
KU20P20P,KU25P25P,KU32P32P

**THREADED PIPE FITTINGS**

SBN(B)20,25,32,40,50  
SBN(W) I 5,20,25,32,40,50  
SBNL I 5,20,25,32,40,50  
SC I 5,20,25,32,40,50,65,80,100  
SE I 5,20,25,32,40,50,65,80,100  
SFTF I 5,20,25,32,40,50,80,100  
SHN06,08,10,15,20,25,32,40,50,65,80,100  
SMFE I 5,20,25,32,40,50  
SMHT06,08,10,15,20,25,32,40,50  
SNT I 5,2015,20,2515,2520,25,32,40,50  
SP06,08,10,15,20,25,32,40,50,65,80,100  
SRB I 508,1510,2008,2010,2015,2508,2510,2515,2520,3220,3225,4020,4025,4032,5020,5025,5032,5040,  
6532,6540,6550,8040,8050,8065,10050,10065,10080  
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  
SRMHT0806,0810,1006,1008  
SRS2015,2515,2520,3220,3225,4020,4025,4032,5020,5025,5032,5040,6540,6550,8050,8065,10065,10080  
SS I 5,20,25,32,40,50,65,80,100  
ST I 5,20,25,32,40,50,65,80,100  
STF(B) I 5,20,25,32,40,50  
STF(W) I 5,20,25,32,40,50  
SW(B) I 5,20,25,32,40,50  
SW(P) I 5,20,25,32,40,50  
SWL I 5,20,25,32,40,50