Test Report

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Test		
	Testing of Flush Valves for WC Pan	_
	BS EN 997: 2012 + A1: 2015	_
Nutek ref. :		
Completion:		_
Applicant Name : Address :	(Information below provided by client)	
Sample Brand:	(Information below provided by client)	
Model:		Γ
Body marking:		
Manufacturer :		-
Origin:		
Description :	Flush valve	_
		-
Approved Signatory		
Signature :		
Name (title) :		
Date :		
Date :		

Summary

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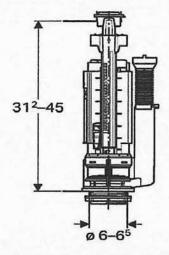
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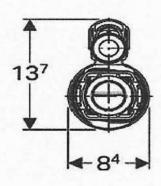
Test	Remark
1 Dimensions	С
2 Flush Volume and Rate	С
3 Physical endurance and leakage of flushing device	С

Results (apply only to samples tested)

1 Dimensions

Manufacturer Requirement





ID	Variable	Unit	Measured	Required	Remark
1	Height (minimum)	mm	315.0	312 - 450	С
	Outlet Outer Diameter		60.0	60.0 - 65.0	С
	Width		137.0	137.0	С
	Thickness		84.0	84.0	С
verall result				С	

2 Flush Volume and Rate

BS EN 997: 2012 + A1: 2015 Cl. 6.5 & 6.6

ID	Variable	Unit	Measured	Required	Remark
1	Flush Volume (Full)		5.7	≤ 6.0	С
	Flush Volume (Reduced)		3.3	≤ 3.8	С
2	Flush duration (Full)	s	1.7	N	N
	Flush Duration (Reduced)		0.7	N	N
3	Flush Rate (Full)	I/s	2.76	≥ 1.85	С
	Flush Rate (Reduced)		2.57	≥ 1.6	С
erall result			С		

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3 Physical endurance and leakage of flushing device

BS EN 997: 2012 + A1: 2015 Cl. 6.7

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ID	Variable		Unit	Measured	Required	Remark
1	Pressure		Мра	0.15	0.15 ± 0.01	С
2			ppm	230	230 ± 20	С
verall result						С
Accumulated cycles completed Type of test		Sign of leakage		Remark		
1		Long term test		No leakage		С
	2	Short term test		No leakage		С
	5	Short term test		No leakage		С
	10	Short term test		No leakage		С
	50	Short term test		No leakage		С
	100	Short term test		No leakage		С
	500	Short term test		No leakage		С
	1000	Short term test		No leakage		С
	10000	Short term test		No leakage		С
	20000	Short term test		No leakage		С
	30000	Short term test		No leakage		С
	40000	Short term test		No leakage		С
50000		Short term test		No leakage		С
60000		Short term test		No leakage		С
70000		Short term test		No leakage		С
80000		Short term test		No leakage		С
90000		Short term test		No leakage		С
	100000	Short term test		No leakage		С
110000		Short te	rm test	No leakage		С
120000		Short te	rm test	No leakage		С
130000		Short te	rm test	No leakage		С
140000		Short te	rm test	No leakage		С
150000		Short te	rm test	No leakage		С
160000		Short te	rm test	No leakage		С
170000		Short te	rm test	No leakage		С
180000 190000 200000		Short term test No leakage			С	
		Short te	rm test	No leakage		С
		Long te	rm test	No leakage		С
ID	Variable			Measured	Required	Remark
1	Instance(s) of leakage			0	< 2	С
erall result						С

Note:

All parts of the sample showed no sign of failure, damage or permanent distortion.

The valve is made of plastic and rubber which are suitable for sea water application.

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Figure 1 - Sample

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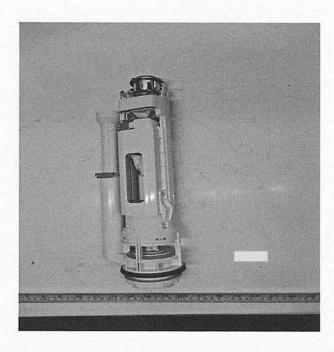
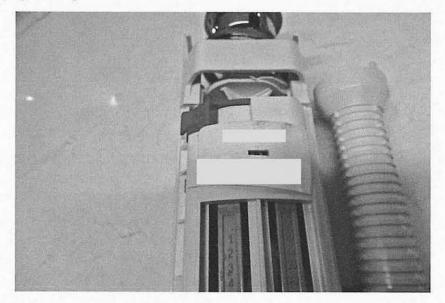


Figure 2 - Bodying marking



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General Note(s)

Definitions:

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C - conformance

N - no requirement

NC - non-conformance

R - remainder

Organizations:

HKAS - Hong Kong Accreditation Service HOKLAS - Hong Kong Laboratory Accreditation Scheme WSD - Water Supplies Department (of Hong Kong) WHO - World Health Organization

- End of report -

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