



PROJECT		REF		REV	ITEM CODE	
LOCATION		DATE			PAGE	

SANITARY WARE SPECIFICATION SHEET

<p>Item Descriptions</p> <p>American Standard (Thailand) "New Codie" Vitreous china wall hung washbasin; tested on BS 1188:1974 & BS 3402:1969; test report J 27663 & QC-2112-002</p> <p>Dimensions</p> <p>L495 x W350 x H189 mm</p> <p>Model</p> <p>TF0945</p> <p>Material/Colour</p> <p>Vitreous China / White</p> <p>Manufacturer</p> <p>American Standard (Thailand)</p> <p>Source</p> <p>Acme Sanitary Ware Co. Ltd Mr. Eric Wong/ Mr. Wilson Hung</p> <p>Contact Tel/Fax</p> <p>(852) 2388-7171 / (852) 2710-8012</p> <p>E-mail</p> <p>acme@acmesanitary.com.hk</p> <p>Website</p> <p>www.acmesanitary.com.hk</p>	<p align="center">Illustration/ Drawing</p>
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Note: Equivalent to TF0945 / CP-0240 / WP-0240.001.04

* All information of the above is for the reference only. No prior notice is made if any changes.



NUTEK

Test Report



TF0945=0945-WT-0

Test

Title : Testing of Wash Basin
Method : BS 1188: 1974
Report No. : J 27663
Completion : 02 Mar., 2022


Applicant (Information provided by client)

Name : _____
Address : _____

Sample (Information provided by client)

Description : New Codie-R 1TH Round 350mm W/H Lava WT
Brand : American Standard
Model : 0945-WT-0 & 0945-WT
Body Marking : *American Standard*
Manufacturer : LIXIL (Thailand) Public Company Limited
Origin : Thailand

Approved Signatory

Signature : 
Name (title) : Chung Siu Yu, Alan (Engineer)
Date : 17 Mar., 2022

Nutek Systems is a testing agency,
accepted by the Water Supplies
Department, for testing water supply
fittings.

Summary

Test	Remark
1 Dimensions of Wash Basin	As measured

Results (apply only to samples tested)

1 Dimensions of Wash Basin

BS 1188: 1974 Cl. 3.4, 3.7, 4 Table 1 & 2

Variable		Unit	Measured
Length		mm	510
Width			355
Total surface area of overflow opening		mm ²	397
Depth from top edge of rim to inside base of bowl at centre of outlet		mm	150
Distance of centre of outlet from extreme back			183
Diameter of tap hole			34
Waste	Diameter of recess for waste flange	mm	78
	Depth of recess		13
	Diameter of waste hole		45

Figure 1 - Sample



Figure 2 - Body marking





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REPORT NO: J27663

General Note(s)

Definitions:

- C - conformance
- N - no requirement
- NC - non-conformance
- R - remainder

Organizations:

- WSD - Water Supplies Department (of Hong Kong)
- WHO - World Health Organization

- End of report -



Public Company Limited

Quality Control and Reliability Laboratory Department

Vitreous China Test Report

Test Title: Testing of Lavatory
Standard Ref: BS 3402:1969
Report No: QC- 2112-002
Test Date: 8th December 2021
Model No: 0945-WT-0
Description: New Codie -R 350 mm Lavatory
Brand: American Standard
Brand Marking: 
Manufacture: Lixil (Thailand) Public Company Limited
Country origin: Thailand

Summary Report

No.	Items	Remark
1	Appearance(Visual Inspection)	Coformance
2	Water Absorption	Coformance
3	Crazing	Coformance
4	Chemical Resistance	Coformance
5	Resistance to staining and burning	Coformance
Overall Results		Coformance

Approved By



MR. Narongchai Thokaew
LIXIL (Thailand) Public Company Limited
Leader Quality Control Plant Rangsit , Fixture



Public Company Limited

Quality Control and Reliability Laboratory Department

Results (Apply only to samples test)

Report No QC- 2112-002

1. Visual Inspection

BS 3402: 1969 CL.5.1,5.4 & Table 2

Location	Blemish or defect	Cl 5.3 & table 3 Requirement Presence of defect	Remark
General	Wavy finish	None on all visible surfaces	Coformance
	Warpage	Warpage of slab out of horizontal plane not to exceed 6mm on all sizes(warpage of backs of wash basins which are attached to the wall not to exceed 3mm)	Coformance
	Discoloration	None on all visible surfaces	Coformance
Service space, top of slab, inside of bowl, front of fascia	Spots, blisters and pinholes	A total of not over two ;no grouping; for coloured appliances, no blisters are permitted and pinhole limited to one	Coformance
	Bubbles and specks	A total of not over four; no grouping	Coformance
	Polishing marks	One only; none permitted for coloured fixtures	Coformance
Face of internal back and sides	Spots, blisters and pinholes	Once only on back or on either side; a total of not over three	Coformance
	Bubbles and specks	A total of not over four; no grouping	Coformance

3. Water Absorption

BS 3402:1969 Cl.6

Water absorption(%) Requirement		Sample	Required	Remark
1	Greatest individual value(0.75Max)	0.20	≤ 0.75	Coformance
2	Arithmetic mean(0.50Max)	0.16	≤ 0.5	Coformance

4. Crazing

BS 3402:1969 Cl.7

Method	Sample	Reuired	Remark
Saturated steam pressure 0.33~0.35(MN/M ²)	0.35	0.35	Coformance
Duration 10(hr)	10	10	Coformance
No Crazing	Nil	Nil	Coformance



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Quality Control and Reliability Laboratory Department

5. Chemical Resistance

BS 3402:1969 Cl.8

Chemical	Strength of solution(%)	Time(hr)	Temperature(°C)	Sample	Required	Remark
Acetic acid	10	16	100	Nil	Nil	Coformance
Citric acid	10	16	100	Nil		Coformance
Detergent	See note 1	48	60	Nil		Coformance
Hydrochloric acid	See note 2	48	20	Nil		Coformance
Sodium hydroxide	5	0.5	60	Nil		Coformance
Sodium stearate	0.15	48	60	Nil		Coformance
Sulphuric acid	3	16	100	Nil		Coformance

Note:

1.This consists of an aqueous solution containing 0.04%(wt/vol)of a condensation product of nonylphenol with 8~10 molecules of ethylene oxide. A suitable solution which contains 0.15%(wt/vol)of the product is obtainable commercially under the trade name"Lissapol N".

2.This solution consists of equal volumes of water and of hydrochloric acid of specific gravity 1.18

6.Resistance to staining and burning

BS 3402:1969 Cl.9

Chemicals		Staining and burning		Remark
		Sample	Required	
Chemical treatment	Methylene blue	Nil	Nil	Coformance
	Sodium hypochlorite	Nil		Coformance
	Hydrogen peroxide	Nil		Coformance
	Amyl acetate	Nil		Coformance
	Iodine in ethanol	Nil		Coformance
Cigarette treatment		Nil		Coformance

Fixure



Note : not include faucet, drain and trap