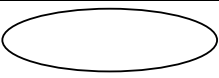
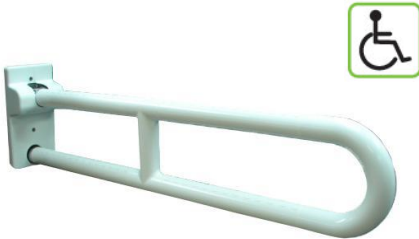
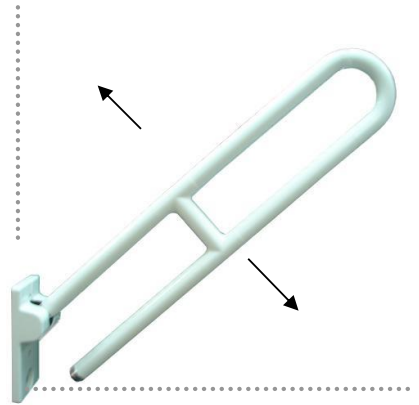

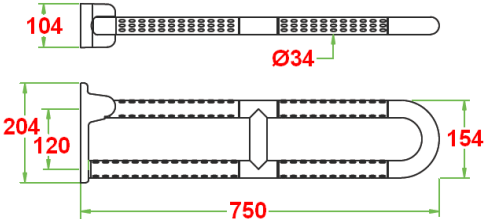




PROJECT		REF		REV	ITEM CODE	
LOCATION		DATE			PAGE	

SANITARY WARE SPECIFICATION SHEET

Item Descriptions	EMCA (Taiwan) Ø34 x 750mm long white ABS coated aluminium hinged support handrail with anti-slip surface ; BS12:1978 & BS882:1973 ; capable of carrying a static loading test 150kg ; test report J17177 ; Antibacterial coating ; test report SN-00-233 ; complied with Barrier Free Access 2008	<p>Illustration/ Drawing</p>    <p>anti-slip</p> 
Dimensions	750mm x Ø34 mm	
Model	EM7042.019	
Material/ Color	ABS Coated Aluminum/ White	
Manufacturer	EMCA (Taiwan)	
Source	Acme Sanitary Ware Co. Ltd Mr. Eric Wong/ Mr. Don Yuen	
Contact Tel/Fax	(852) 2388-7171 / (852) 2710-8012	
E-mail	acme@acmesanitary.com.hk	
Website	www.acmesanitary.com.hk	

Note:

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



NUTEK SYSTEMS, LTD.

Unit B, 13/F, Block A, Universal Ind. Ctr., 23-25 Shan Mei Street, Fo Tan, Shatin, N.T., Hong Kong.
Tel: (852) 2605 5736 Fax: (852) 2692 0798 E-mail: nutek@nuteksystems.com



TITLE : Testing of rail
OUR REFERENCE : J 17177
DESCRIPTION OF SAMPLE : Ø34mm x 750mm Swing up grab bar with white ABS coating
SAMPLE SUBMITTED BY : Acme Sanitary Ware Co. Ltd.
1/F., Acme Building, 22 Nanking Street, Kowloon, Hong Kong
BRAND : EMCA
MODEL : EM7042.019
COUNTRY OF ORIGIN : Taiwan
TEST REQUIRED : Loading test
PERIOD OF TESTS : 6th August 2013

RESULTS : - (apply only to the sample tested)

LOAD TEST

The grab rail sample was installed onto a concrete wall made of concrete mix grade 30D10 (cement to BS12: 1978 and Aggregate to BS882: 1973).

A test load was applied vertically to the mid point of the rail which was then examined for any signs of damage.

	Test load (kg)	Duration (minute)	Visual damage (e.g. breakage, deformation, etc.)	Remark
Sample	150	5	No visual damage	Pass

Date : 26 Nov 2013 Authorized signature :

Nutek Systems is a testing agency,
approved by the Water Authority and
Government Supplies Department, for
testing water supply fittings.

Sunny K.S. Wong

(Director)



RT OF ANTIBACTERIAL TEST REPORT

Description of the examined item : Toilet parts

Reporting date : May 12, 2000

Report No. : SN-00-233

Title of the Test : Film Sealing method

Category of Bacteria : Escherichia coli
Staphylococcus flavus

SINANEN ZEOMIC CO., LTD.
TOKYO, JAPAN
BIOCIDE BUSINESS DIVISION



REPORT OF TEST INSPECTION

June 17, 2000

It is hereby certified that the test results from this institute assigned on June 3, 2000 are as the followings:

The assigned organization by Health Department
Shen-Wei No. 650 of Health Department
Corporate Body: Kyoto Microbiology Institute
No. 16-2 Yamakubo Machi, Yamashina Ku, Kyoto City, Japan
TEL: 075-593-3320 FAX: 075-501-7110
Inspector: Matsuura

1. Description of the examined item : Antibacterial items
2. Testing purpose : Test on antibacterial strength evaluation
3. Test method : Film sealing method
Drop 1/500 common bacteria culture medium to make bacteria fluid on top of the testing item according to the "Film Sealing method of antibacterial items technical agreement association". Store at 35°C upon sealed with film. Test and find out the bacteria-generating amount on the testing chip of the bacteria fluid.
4. Strain used : *Escherichia coli* IFO-3972
Staphylococcus aureus IFO-12732
5. Culture medium : Standard fluid culture medium (VGH Research).
6. Test results :

Description of Bacteria	Changes of bacteria through time				
	Initial 0 hr	24hr-1	24hr-2	24hr-3	Average
<i>E.coli</i>	4.6×10^5	6.0×10^2	3.4×10^3	6.7×10^2	1.6×10^3
<i>St. aureus</i>	4.2×10^5	1.2×10^3	1.0×10^2	1.6×10^2	4.9×10^2

Comparison test results

Description of Bacteria	Changes of bacteria through time				
	Initial 0 hr	24hr-1	24hr-2	24hr-3	Average
<i>E.coli</i>	4.6×10^5	2.7×10^7	2.8×10^7	2.4×10^7	2.6×10^7
<i>St. aureus</i>	4.2×10^5	1.9×10^5	2.1×10^5	1.8×10^5	1.9×10^5

< 10 : Did not find out

Unit : CFU/sheet