

TEST REPORT



Your Ref: --

Date: 24 Jan 2005

Our Ref: 54S050239/1/YPS

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DID:68851436

Fax: 67793903

NOTE: This report is issued subject to PSB Corporation's "Terms and Conditions Governing Technical Services". The terms and conditions governing the issue of this report are set out as attached within this report.

SUBJECT:

Testing of stainless steel panel submitted by Hydro Dynamic Engineering Pte Ltd on 13th Jan 2005.

TESTED FOR:

Hydro Dynamic Engineering Pte Ltd
Blk 209 # 04-631
New Upper Changi Road
Singapore 460209.

Attn : Mr Patrick Tan

METHOD OF TEST:

Adopt SS 22 : 1979 Specification for pressed steel sectional rectangular tanks.

DESCRIPTION OF SAMPLE:

1. One piece of stainless steel panel of dimensions - 1220mm x 1220mm x 3mm was submitted for dimensional measurements
2. Two pieces of stainless steel plate of dimensions - 300mm x 300mm x 3mm nominal thickness were submitted for
 - a) Chemical composition test – 54s050239/2/CES
 - b) Metal toxicity –54S050239/3/EO

Two handwritten signatures in black ink, one on the left and one on the right, positioned above the certification logos.

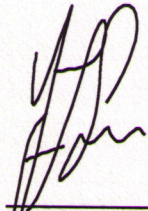


RESULTS:

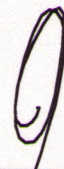
Dimensional Measurements

Sample Reference Item Measured	"SUN" Brand Stainless Steel panel 1220mm x 1220mm x 3mm thick				SS 22 : 1979 Requirements
	Side A	Side B	Side C	Side D	
Pitch of holes (range) (mm)	75.56 to 75.92	75.48 to 76.18	75.48 to 76.00	75.50 to 76.06	Max. 76.2
Width of flange at 45° to place of panel (mm)	46.0	45.9	46.0	46.2	Min. 45
Width of flange at 90° to place of panel (mm)	52.3	52.8	50.0	51.8	Min. 45
Angle between plane of flange at 45° to plane of panel (degree)	47	47	47	47	45
Angle between plane of flange at 90° to plane of panel (degree)	87	88	87	87	90
Length of side (mm)	1220	1220	1220	1220	1220 (nominal)

The above test complied with SS 22 : 1979



Yap Pa Sun
Associate Engineer



Tan See Wan
Product Manager
Building & Industrial Products
Testing Group