

REPORT NO.: TR-AP-230904A

ISSUED DATE: Sep. 4th, 2023

PRODUCT: ALUMINIUM POSTS

TEST SAMPLES:

- 1. Product 2 x Aluminium Posts with handrail
- 2. Glass Panel: 10mm Glass - size (w x h): 1000mm x 1100mm

TEST METHOD:

- 1. Fix the Aluminium posts on concrete floor with threaded bolts.
- 2. Fix the glass panel on the posts.
- 3. Install the top handrail on the posts.
- 4. A horizontal uniformly distributed line load is applied on glass panel, at 1100mm height above ground level, and deflection measured as the load increasing.

TEST RESULT:

Load Applied (kN/m)	Deflection (mm)	Residual Deflection (mm)	Test result
0	0		It's a PASS, tested to 1.5kN/m, to BS-6180 standard.
0.74	11.78		
1.50	21.69		
After load withdrew:		5.74	



Operators: Dong HJ 

Inspector: Chang YL 