SANDBERG

26890/M

APPENDIX A

Plates 1 to 7

Balcony (UK) Ltd

System Arrangements for Balustrade Types 1 and 2 (14 pages)

Plate No.1 A view of the balcony balustrade system (No.1) during preparation for testing under the horizontal uniformly distributed line loading at 0.74 kN/m run.

Plate No.2 Showing a view along the hand rail feature of balustrade system No.1 during application of the test force showing the handrails progressive resultant displacement under loading.

Plate No.3 A covered infill glass panel under going application of the uniformly distributed load test. The proving stress of 1.0 kN/m² was applied to the panels central area through a 600 x 600 mm square indenter.

Plate No.4. Showing a close-up view of uniformly distributed test arrangement as applied to a central infill panel of the balustrade system.

Plate No.5 A view showing the test arrangement required for the concentrated point load assessment of the balustrade glass infill panels. For this testing the glass panels were required to accept without failure the test force equivalent to 50 kgs applied through a 25 mm square indenter, as applied to the panels most erroneous position, considered to be its centre edge.

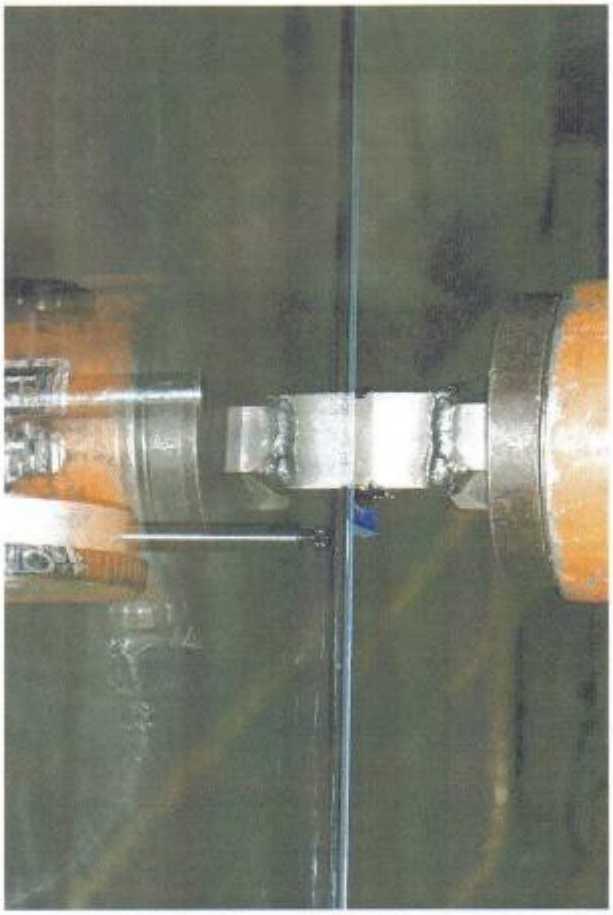

Plate No.6 A close up of the point load indicator during application of test force. During all tests HUDLL, UDL and CPL a calibrated load cell of 10 kN capacity was incorporated with load test arrangement to monitor application of the test loads.

Plate No.7 A close up view of displacement monitoring equipment (dial test indicator) required to record the maximum displacement of each balustrades component feature under loading.