

Test Report No. 582305498

Test Submitted By: SafeStand Access Systems – 38A Fourth Way, Wembley,
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Date of Test: 27th February 2007

Job Number: 582305498

Order Number: Verbal, Brian O'Driscoll

Introduction

2 x SafeStand 1200HB System Stands complete with boarded platform, toeboard, extending handrails and diagonal braces were submitted for load testing to BS1139 Part 4 1982.

Procedure

Two of the stands were individually subjected to the load and stability test outlined in BS1139 PART FOUR 1982. They were positioned so that they stood 1 degree 30 minutes out of plumb at their maximum extension. The load was applied using a hydraulic pump & ram and compressive load cell calibrated in accordance with ISO 7500-1:1999 E PART 1 via 2 x 75mm rigid bearing blocks placed one quarter of the span of the stand in from each end. The load was applied at a rate not exceeding 5KN/MIN and was increased until proof load was reached.

Results

- 1) Max load applied 50.0KN (proof load) each stand.
- 2) The final two trestles were tested as a pair in the same manner as test one but with a live load.
- 3) A Load of 5000kgs was applied to the pair @ full extension but it was thought that the stability may be compromised if this load was exceeded.

Conclusion

BS1139 Part 4 states that the stands should be able to withstand two and a half times the stated safe working load without failure. This was achieved and the requirements of BS1139 PART 4 1982 were in fact exceeded, therefore a safe working load of 1000kgs per stand @ maximum extension can be assumed.

The stands load tested surpass all current requirements and subject to specification conformity will be issued with Lloyds British Stamp of approval.



S.P. Fox
Test Manager