

**Lloyds British div. of Speedy Asset Services**  
**DATE OF ISSUE 25<sup>th</sup> May 2023**

**Report No. 0774-10393**  
**Customer: D C Handrails & Ironwork**

**Test Report of: Proof load testing of Balustrades**

**1.0** Test Objective to prove:

Proof load testing of Balustrade, comprising of 3 x 48.3mm x 2mm upright posts, 2 x 10mm laminated glass safety panels and 1 x 42.4mm X 3 mtr handrail bolted to concrete floor using 3 x M8 X 75mm fixings. Handrail fixed to uprights using M5 stainless bolts tapped into handrail.

**2.0** Name of Test House:

LLOYDS BRITISH  
 Unit D, Kingsway North.  
 Team Valley Trading Estate. Gateshead  
 NE11 0JH

**3.0** Accreditation Reference:

BS EN 1263  
 ISO9001:2008

**4.0** Date of test: 25<sup>th</sup> May 2023

**5.0** Witness details: Lloyds British a division of Speedy Services

**6.0** Description of item tested: SAME AS SECTION 1.0

**7.0** Test type: Point load and 1m line load in accordance with BS6180:2011

**8.0** Equipment and Calibration: 6.5 tonne load shackle

**9.0** Test Data:

**Point Load**

Load (Kn)	Deflection (mm)	Permanent set (mm)
0.2	5.90	0
0.4	9.50	0
0.6	15.90	0
0.74	20.40	0

**1m Line load**

Load (Kn)	Deflection (mm)	Permanent set (mm)
0.2	5.70	0
0.4	9.10	0
0.6	15.40	0
0.74	19.90	0

Date: 25<sup>th</sup> May 2023

Test conducted by: Lawrence Farrier

Test Conducted on behalf of: D C Handrails & Ironwork

Report reviewed by: Karl Meechan

Test conducted on behalf of:

Lloyds British a div. of Speedy Asset Services, Unit D, Kingsway North, Team Valley Trading Estate, Gateshead, NE11 0JH