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TECHNICAL REPORT

Sayfa Group (Europe) Ltd Unit B1 Research Point Shepshed Leicestershire LE19 1WH UK	SATRA reference:	SPC4684F4T4	
		2341	3
	Report ID/Issue number:	34886/1	
	Your reference:		
	Date samples received:		
	Date(s) work carried out:	27/10/2023 to 27/10/2023	
	Date of report:	28/11/2023	

Testing Requirements

Limited testing of a horizontal anchor rail described as "ESR.085.097.6000.3U EdgeSeil Rail" in accordance with BS 8610:2017 type D2, D3 & D5 - non-load-limiting for static strength only on a 500mm cantilever overhang for up to 3 users

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Report Signed by:

Edward Brooks


Report Signatory

WORK REQUESTED

Samples of “ESR.085.097.6000.3U EdgeSeil Rail” were received by SATRA on the 27th October 2023, for testing in accordance with BS 8610:2017 type D2, D3 & D5 – non-load-limiting for up to 3 users

CONCLUSIONS

SAMPLE REFERENCE	STANDARD	CLAUSE / PROPERTY	PASS / FAIL
ESR.085.097.6000.3U EdgeSeil Rail	BS 8610:2017	4.5.3.3 Type D2, D3 & D5 – non-load-limiting – static strength only on 500mm cantilever overhang	PASS

TESTING

Testing was carried out in accordance with BS 8610:2017 on the 27th October 2023

The anchor device is intended as a type D (rigid anchor rail) device

The anchor device allows up to a maximum of three users to be attached simultaneously

For the purposes of testing, the anchor device was installed onto concrete, with test forces applied in a direction parallel to the ground

Samples were tested as received, and were not subject to any pre-conditioning processes other than those stated in individual test clauses



Figure 1 – Anchor described as “ESR.085.097.6000.3U EdgeSeil Rail”

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When reporting results against a conformance statement (Pass/Fail or the allocation of a class or level) then uncertainty of measurement is taken into account based on a non-binary acceptance which itself is based on the guard band being equal to the expanded uncertainty.

Where the result corrected for uncertainty falls within the tolerance of the conformance statement then the risk of the conformance statement being a false accept or false reject is up to 2.5% and SATRA will in this instance quote a Pass/Fail, class, or level.

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Where a report contains SATRA guidelines values then uncertainty of measurement values have been taken into account when determining the guideline values and as such are not considered when determining pass/ fail criteria.
