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SATRA reference:	SPC0341337 2248 3
Report ID/Issue number:	, 26130/1
Your reference:	
Date samples received:	29/11/2022
Date(s) work carried out:	02/12/2022 to 15/12/2022
Date of report:	06/01/2023

Sayfa Group (Europe) Ltd

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TECHNICAL REPORT

Limited testing of a "1500 x 1500mm davit arm" in accordance with BS 8610:2017 Types A1-7

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Sayfa Group (E) °C034133> Conditions of Issue:

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This report may be forwarded to other parties provided that it is not changed in any way. It must not be published, for example by including it in advertisements, without the prior, written permission of SATRA.

Results given in this report refer only to the samples submitted for analysis and tested by SATRA. Comments are for guidance only.

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A satisfactory test report in no way implies that the product tested is approved by SATRA and no warranty is given as to the performance of the product tested. SATRA shall not be liable for any subsequent loss or damage incurred by the client as a result of information supplied in the report.

Where values for uncertainty of measurement are included within the report then the uncertainty of the corresponding results are based on a standard uncertainty multiplied by a coverage factor k=2, which provides a coverage probability of approximately 95%.

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.

Where the result corrected for uncertainty falls outside of the tolerance of the conformance statement then the risk of the conformance statement being a false accept or false reject is up to 50%. In this instance SATRA will not provide a Pass/Fail statement or a class or level but will include information in the notes in relation to the result obtained.

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/ fall criteria.

Please note that where uncertainty of measurement values have not been included then uncertainty has not been applied to these results. SATRA uncertainty of measurement values are however available upon request. 733>

Report signed by: Edward Brooks

Europe) Ltd Department: Safety Product Testing

SATRA Technology Centre Ltd (a subsidiary of SATRA).

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WORK REQUESTED

Sayra Group (El Sp_{C034133}> Samples of "1500 x 1500 davit arm" were received by SATRA on the 2nd December 2022, for testing in accordance with BS 8610:2017 types A1-7 Wa Gro

CONCLUSIONS

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	SAMPLE REFERENCE	STANDARD	CLAUSE / PROPERTY	PASS / FAIL
			4.1 General requirements	PASS 9
Eur			4.2 Pre-testing verification and recording	Not fully
		.0	requirements	assessed
	Sp	ayr	4.3 Materials	Not fully
	03	Grand Grand		assessed
	\mathcal{D}_{Θ}	1733>	4.4 Design and ergonomics	PASS
	CIO		4.5.1.1 Type A1 Restraint—non-load-limiting	PASS
		1500 x 1500 davit BS 8610:2017	4.5.1.2 Type A2 Fall arrest – non-load-limiting	40 -
	arm		Type A3 Rope access and work positioning – non-	PASS
		597311	load-limiting	PASSO _S
	SA	Salar	Type A5 Rescue – remotely or self-operated – direct	Lto
	COS	Sayra Group (Europe	attachment – non-load-limiting	-
td	CO34133>	Tour	4.5.1.3 Type A4 Rescue – accompanied descent –	
	03>	N (EII)	non-load-limiting	D400
		Oppo	Type A6 Rescue - remotely operated - redirect	PASS
			attachment – non-load-limiting	OP CO-
			Type A7 Evacuation – non-load-limiting	-03
000	TESTING Say		Attachment – non-load-limiting Type A7 Evacuation – non-load-limiting	Ltd

TESTING Solvie

Testing was carried out in accordance with BS 8610:2017 between the 2nd & 15th December 2022 at the premises of SATRA Technology Centre, in the presence of representatives from Sayfa Group. Static strength testing was then carried out at the premises of Sayfa Group in Shepshed, and was witnessed by Edward Brooks from SATRA Technology Centre. All measurements were taken using SATRA calibrated test equipment Ope) Ltd

The anchor device is intended as a type A (fixed to structure) device

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

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

Samples were tested as received, and were not subject to any pre-conditioning processes other than those stated in Ta Group (Europe) Ltd individual test clauses

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Sayfa Group (Europe) Ltd Figure 1 – Anchor described as "1500 x 1500 davit arm"

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TEST RESULTS

Table 1 – Testing of "1500 x 1500 davit arm" in accordance with BS 8610:2017, Type A1-7 Non-load-limiting anchor Sayra (

Via,	DO 0040 0047	DO 0040 00 :=	Ltd		(S)
'Q (BS 8610:2017 CLAUSE / TEST	BS 8610:2017 REQUIREMENT	RESULT / COMMENT	UoM (See note 1)	PASS / FAIL
	4.1 General	Anchor systems shall be	The anchor system was tested in concrete (Concrete) (Surope) Lta		PASS
	requirements	tested in the base	concrete	, 0	0
	Lta	materials that the	ODC SPO		avis
	- (Q	manufacturer permits,	Curon Cosa		Gra
		unless otherwise	concrete _{Up} (Europe) Lta	335	40
		specified in the relevant	ld	97	ayfa Group
		test methods	h h		
	SPCO	Salas			
110	SPCO.	Where the manufacturer	Not applicable – only 1 direction of		N/A
4/	PAGI	permits loading in more	loading	S	14//
	() Lta	than one direction,	or o	- GNE	
	1.0	anchor systems shall be	loading SPC034733>	Grou	
		tested in each relevant	133>	94	200
		principal safety critical	(Europe) Ltd		CUro.
		direction			N/A (Europe) L
	Sp	difection	v = 1		1
	SpC034133>	Where alternative	Not applicable – only 1 configuration SPC034733>		_{N/A}
	47.32	configurations of the	Trot applicable — offig 1 configuration		IN/A
,	03>	same type of anchor	CO. Trian		
		device are to be made	3472	1.	0
		available the worst	(1)	/O(N/A	0%
		available, the worst	-10	Lyron	Sy
	.0	configuration shall be		20)	1
	Sayfa G	tested, ensuring the limit is set for the			-101
03	196	is set for the			
	*732	configuration that could	Salve		
	-07	be offered	CO2		
		16 41- 2 2 2 2 2 2 2 4 4	Not applicable – only 1 geometry of anchor	.0	P _C N/A
		If the geometry,	Not applicable – only 1 geometry of		N/A
		configuration or material	anchor		3470
	Sayia Group (Euro	of an anchor device,	~0	11.	103
	alta	including the structural		-10	100
	Gro.	anchor, differs from the	0		
	CUD (A	one that has been	Odve		
	1541	tested as part of the	Gr.		
		anchor system, the anchor system shall be	040	Sa	Say
		anchor system shall be	Eun	COS	.34
		verified by testing to	Oppl	Sp _{CO3413;}	
		clause 5, or proven by	Lin	0.	'>
0		calculation with the			
5	·O _{//} ,	results recorded			
	oup (Europe) Lid	results recorded	SPC03473		
	Yron	0341-	Ground	.0	
	NO)/1	133>	SPO	09	15
	10		CUro.		G Gra
			SPC03413	3>	40
			Lla	7	15
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	and the second	.0			

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