SAIGE LONGLIFE DECKING LIMITED

TEST REPORT

SCOPE OF WORK
Traditional Boards

REPORT NUMBER
230904007SHF-003

TEST DATE(S)
2023-09-04 - 2023-09-22

ISSUE DATE
2023-09-28

PAGES
9

DOCUMENT CONTROL NUMBER
LFT-APAC-SHF-OP-10k(September 1, 2022)
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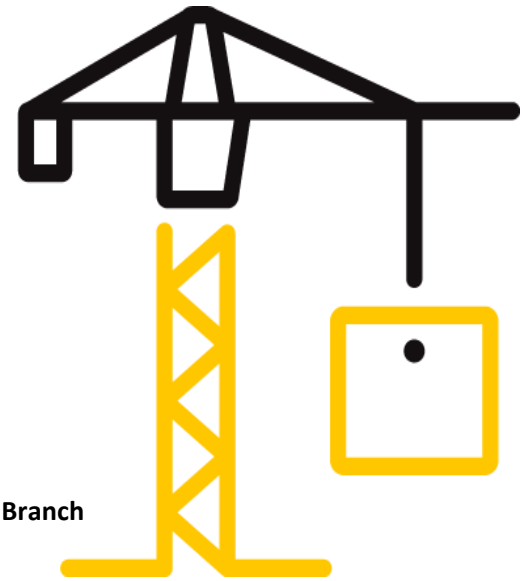

Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch

Test Report

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9.The report was digital signed by Shang Hai, Intertek Group plc, please using Adobe Acrobat Reader to verify the authenticity.

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Website: www.intertek.com

Test Report

Issue Date: 2023-09-28 Intertek Report No. 230904007SHF-003
Applicant: SAIGE LONGLIFE DECKING LIMITED
Address: VICARAGE BARNS LOWER QUINTON STRATFORD UPON AVON WARWICKSHIRE CV378SG ENGLAND
Attn: York
Test Type: Performance test, samples provided by the applicant.

Product Information

Product Name	Traditional Boards	**Brand**	/
Sample Description	Good Condition	**Sample Amount**	20 pcs
		Received Date	2023-08-31

Sample ID	**Model**	**Specification**
S230904007SHF.009~012	143*25	450mm, 500mm, 550mm, 600mm

Test Methods And Standards

Test Standard	In house method
Specification Standard	/
Test Conclusion	The samples were tested according to the above standards, and the results are shown in the following page.

Note:
1.This report does not involve sampling. The report only reflects conformity of the tested items of the samples provided by the testing applicant. Representativeness and authenticity of the submitted samples are responsibilities of the testing applicant.

Report Authorized

Name: Daniel Zhang
Title: Reviewer

Name: Erin Huang
Title: Project Engineer

Test Report

Issue Date: 2023-09-28 Intertek Report No. 230904007SHF-003

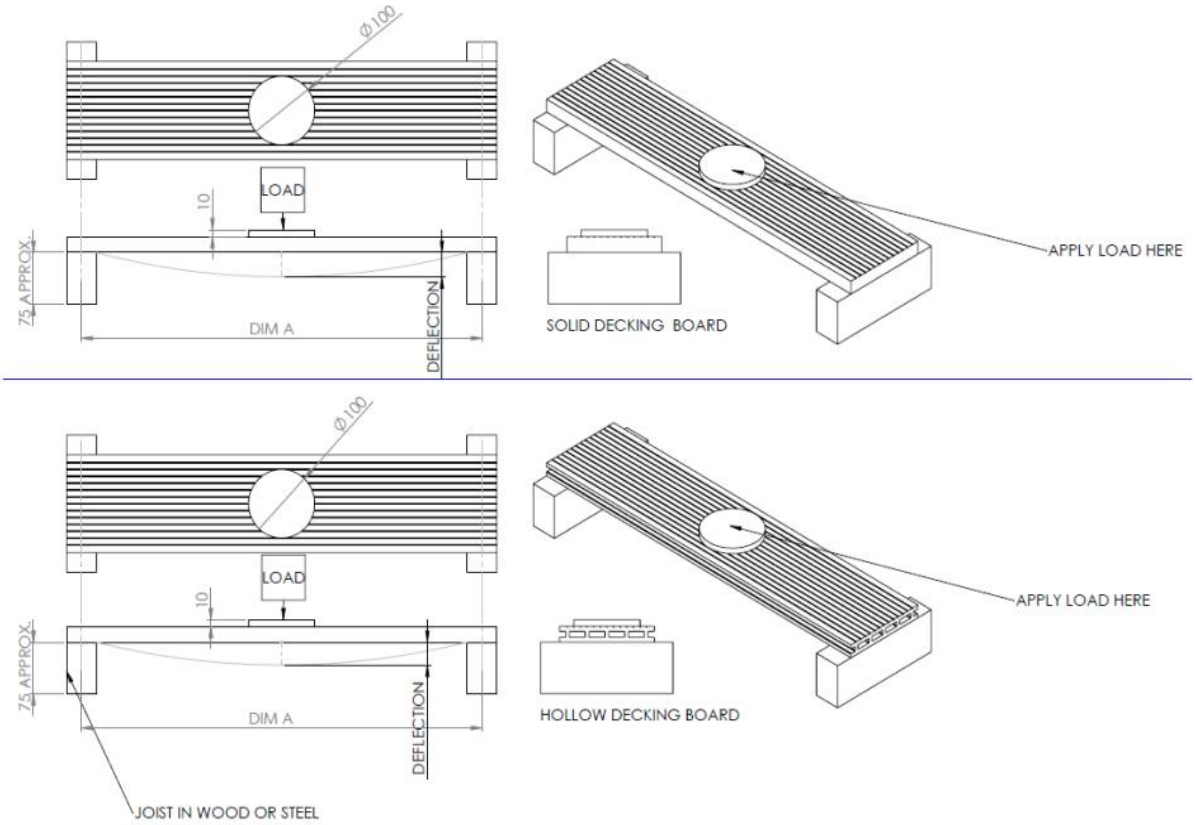
Test Items, Method and Results:

Test Item: Board Pressure Test

Condition: 48 hours at a temperature of 23±2°C and relative humidity of 50±5%

Test Speed: 3 mm/min

Test Arrangement:



intertek
Total Quality. Assured.

Test Report

Issue Date: 2023-09-28 Intertek Report No. 230904007SHF-003

Test Items, Method and Results:

Test Result:

Deflection		Load at test span of, N			
		350mm	400mm	450mm	500mm
1mm	Specimen 1	752	612	393	272
	Specimen 2	746	621	381	313
	Specimen 3	754	627	382	276
2mm	Specimen 1	1591	1301	879	585
	Specimen 2	1594	1318	856	644
	Specimen 3	1608	1315	858	582
3mm	Specimen 1	2612	1959	1338	893
	Specimen 2	2634	1977	1315	969
	Specimen 3	2636	1980	1306	881
4mm	Specimen 1	3524	2554	1765	1183
	Specimen 2	3541	2573	1740	1275
	Specimen 3	3536	2578	1723	1166
5mm	Specimen 1	4302	3081	2156	1456
	Specimen 2	4314	3107	2130	1563
	Specimen 3	4306	3113	2105	1440
6mm	Specimen 1	4946	3545	2513	1712
	Specimen 2	4954	3579	2486	1831
	Specimen 3	4948	3587	2453	1696
7mm	Specimen 1	5458	3944	2834	1952
	Specimen 2	5463	3985	2807	2079
	Specimen 3	5457	3995	2767	1933
8mm	Specimen 1	5847	4277	3120	2173
	Specimen 2	/	4326	3096	2306
	Specimen 3	5845	4337	3049	2150
9mm	Specimen 1	/	4548	3371	2377
	Specimen 2	/	4605	3350	2513
	Specimen 3	/	4618	3297	2349
10mm	Specimen 1	/	4761	3588	2562
	Specimen 2	/	4829	3571	2700
	Specimen 3	/	4845	3513	2532

Load and deflection at failure								
No.	mm	N	mm	N	mm	N	mm	N
Specimen 1	8.43	5980	11.27	4956	13.57	4116	13.16	3042
Specimen 2	7.53	5675	12.59	5190	14.30	4187	19.33	3664
Specimen 3	8.31	5941	12.45	5203	14.16	4109	13.95	3101

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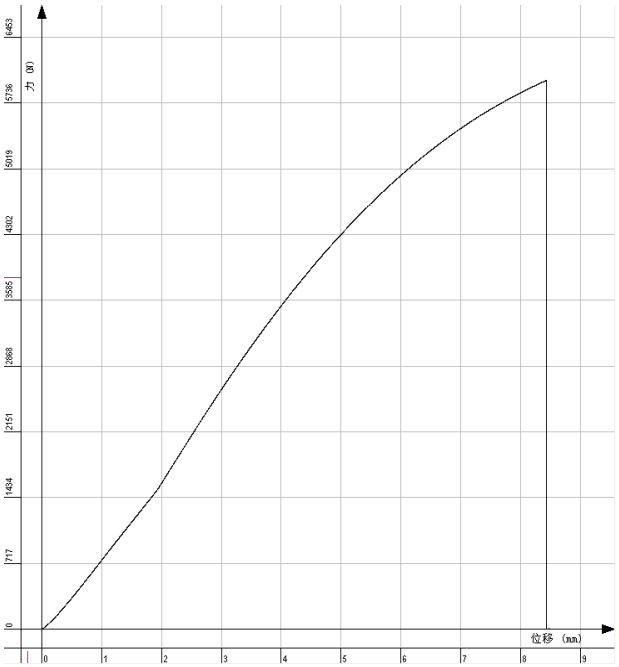
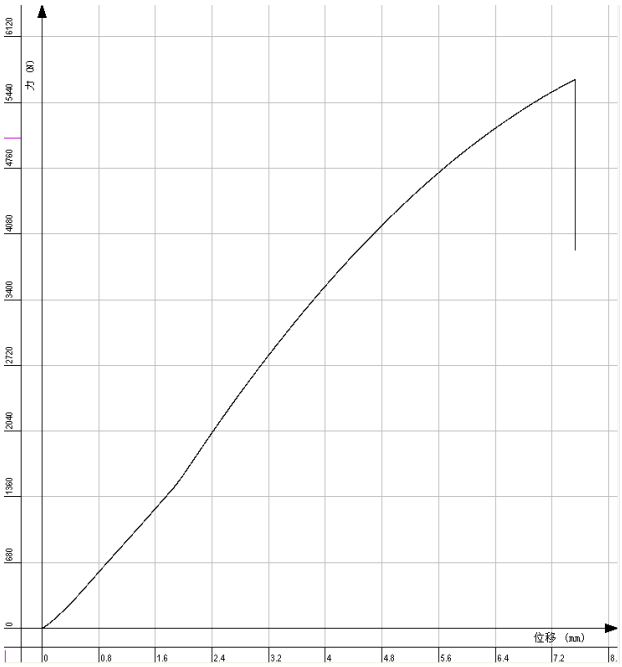
Test Items, Method and Results:

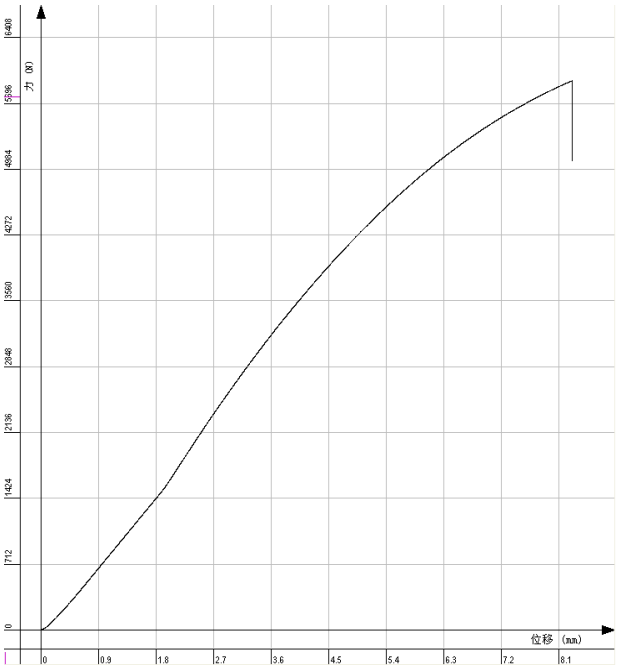
Test Curves:



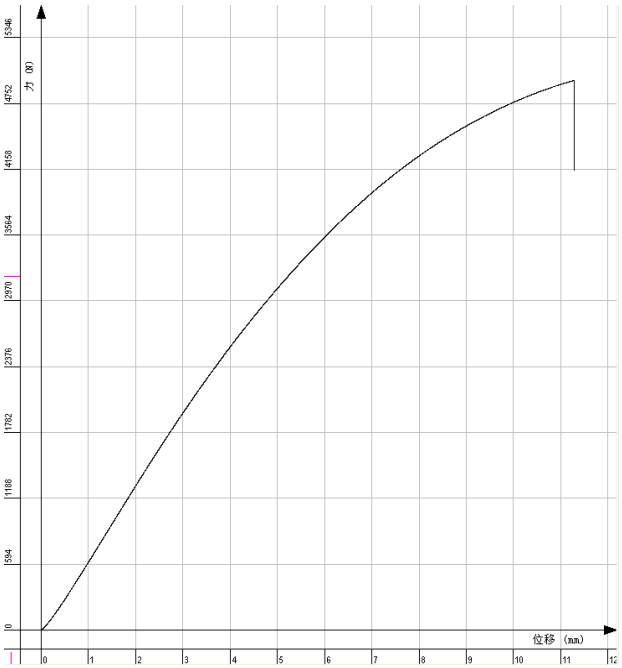
Span at 350mm - Specimen 1



Span at 350mm - Specimen 2



Span at 350mm - Specimen 3



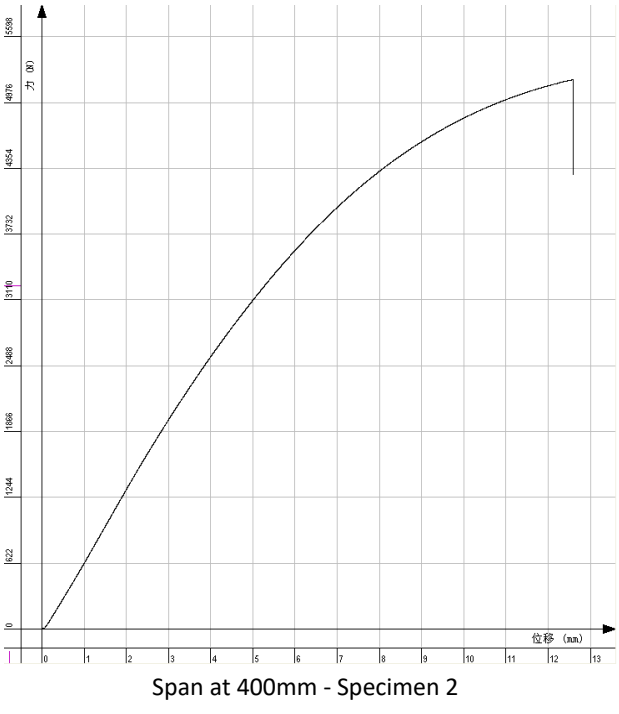
Span at 400mm - Specimen 1

Test Report

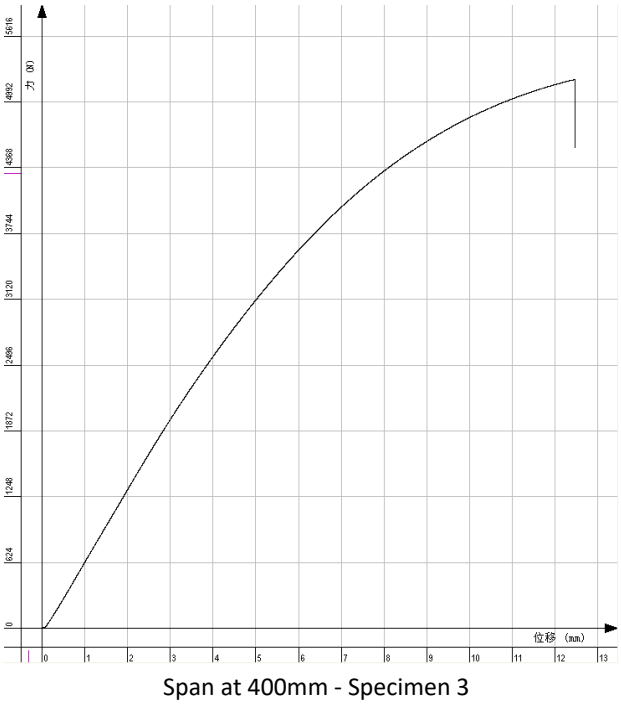
Issue Date: 2023-09-28 Intertek Report No. 230904007SHF-003

Test Items, Method and Results:

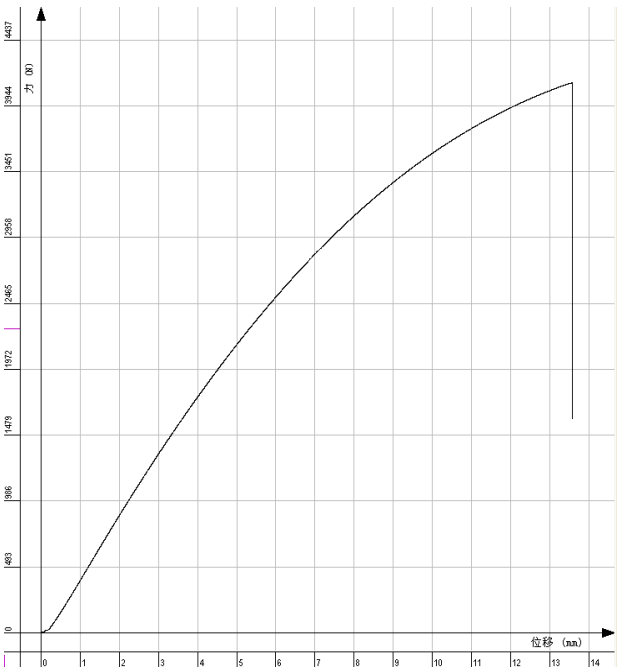
Test Curves:



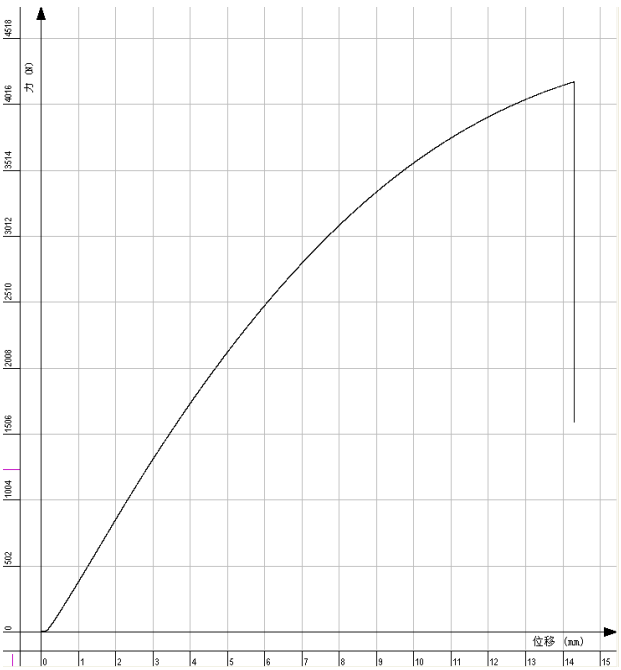
Span at 400mm - Specimen 2



Span at 400mm - Specimen 3



Span at 450mm - Specimen 1



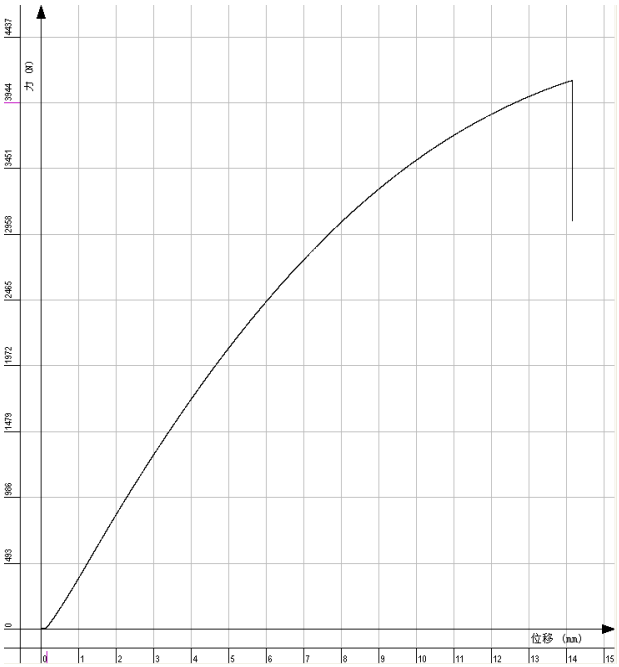
Span at 450mm - Specimen 2

Test Report

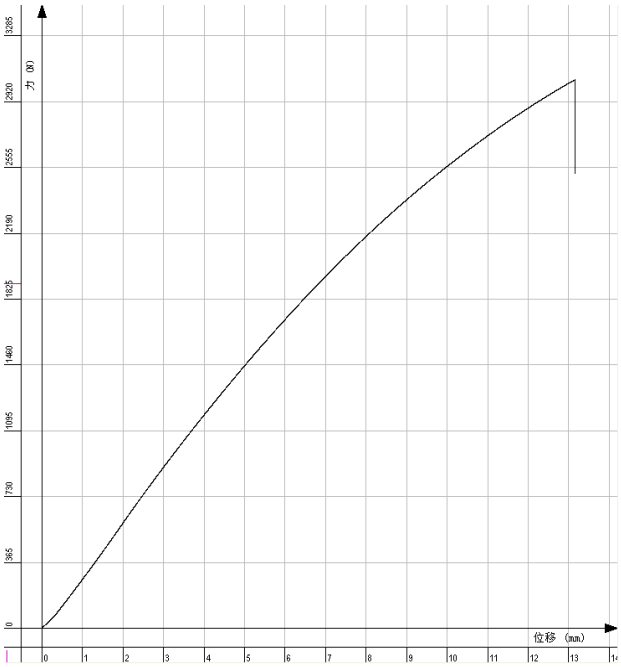
Issue Date: 2023-09-28 Intertek Report No. 230904007SHF-003

Test Items, Method and Results:

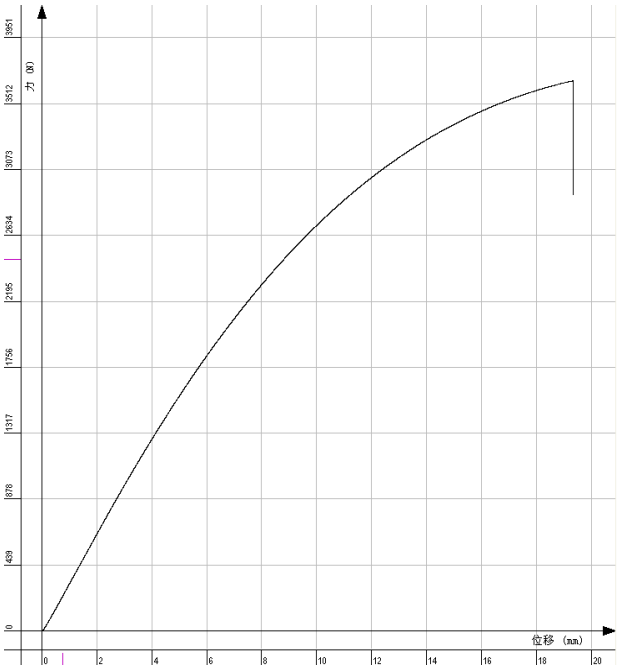
Test Curves:



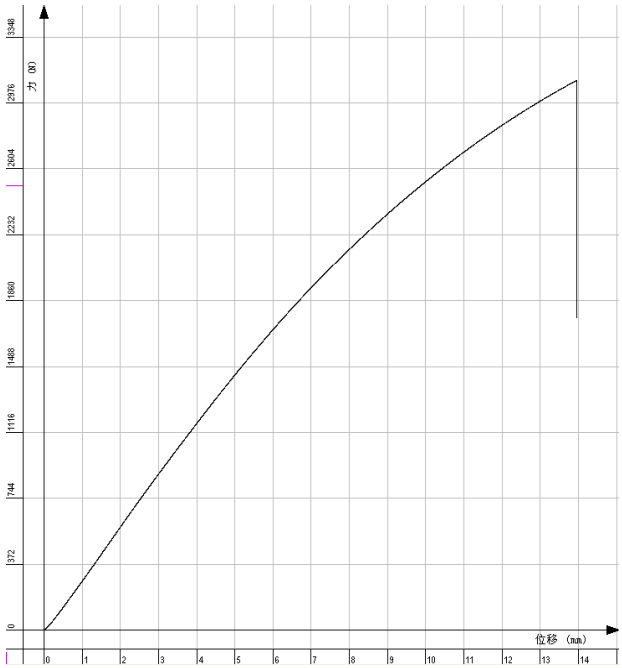
Span at 450mm - Specimen 3



Span at 500mm - Specimen 1



Span at 500mm - Specimen 2



Span at 500mm - Specimen 3

Test Report

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Appendix A: Sample Received Photo

Front view

Back view

Section view

Revision:

NO.	Date	Changes
230904007SHF-003	2023-09-28	First issue