[redacted]

Sample Description : FUSION 109 DESERT

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

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SGS Ref No. : SDFTS25001328R01_EN

Sample Receiving Date : Mar 07, 2025

Test Performing Date : Mar 11, 2025 to Mar 18, 2025

Test Performed : Selected test(s) as requested by applicant

Test Result Summary

No.	Test(s) Requested	Result(s)	Comments
1	Schedule 4 Part Ⅰ and Schedule 5 Part Ⅰ of Furniture and Furnishings (Fire) (Safety) Regulations 1988 With Amendments In 1989, 1993 and 2010 of United Kingdom	PASS	/
For further details, please refer to the following page(s)			

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch

Marco Leung

Marco Leung
Authorized Signatory

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Test Conducted:

The Test, Specified in Schedule 4 Part Ⅰ and Schedule 5 Part Ⅰ of the Furniture and Furnishings (Fire) (Safety) Regulations, is based on BS 5852: Part 1: 1979.

To assess the ignitability of visible cover used in upholstered components when subjected to ignition **source 0 and 1.**

General Information:

Materials	Fabric	Weight	686 g/m^2
Soaking Condition:	☒ YES (BS5651,specified in UK Regulations)		
Precondition	Indoor Ambient Condition		72 h
Conditioning of Test Specimen and Ignition Source(s)	Temperature:（23±2）℃;Relative Humidity: （50±5）% Duration:24 h;		
Testing Enclosure (fume cupboard / room)	21.3 ℃	RH 45 %	---

Test Results:

The following test results relate only to the ignitability of the combination of materials under the particular condition of test. They are not intended as a means of assessing the full potential fire hazard of the materials or products in use.

(A) Smoldering Cigarette Test（ignition source 0）

Criteria	1st test	2nd test
9.2.3) Whether the evidence of progressive smouldering or flaming is observed in the interior and/or cover	NO	NO
9.2.4) Whether progressive smouldering or flaming of the sample is observed at any time within one hour of placement of the cigarette	NO	NO
9.2.5) Whether progressive smouldering is observed on final examination when dismantle assembly and examine internally	NO	NO

Test Details:

The filling material for Schedule 4 Part Ⅰ was non-fire retardant polyurethane foam corresponding to the specification set out in BS 3379 Type B Hardness grade 130 and of a density of 20-22 kg per m^3.

Test	Ignition Source	Time to extinction after placement of the cigarette		
		Progressive Smouldering Time(second)	Flame Ceased Time(second)	Smoking Ceased Time
1st	0	0	0	19min03s
2nd	0	0	0	18min37s

Sub-Conclusion: PASS

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(B) Butane Flame Test （ignition source 1）

Criteria	1st test	2nd test
9.3.4) Whether the evidence of flaming or progressive smouldering in the interior and/or cover is observed beyond 120s of the removal of the burner tube	NO	NO
9.4) Whether progressive smoldering is observed on final examination when dismantle assembly and examine internally	NO	NO

Test Details:

The filling material for Schedule 5 Part Ⅰ was non-fire retardant polyurethane foam corresponding to the specification set out in BS 3379 Type B Hardness grade 130 and of a density of 20-22 kg per m^3.

Test	Ignition Source	Ignition Time	Time to Extinction after Removal of the Burner(second)	
			Flame Ceased Time	Smoking Ceased Time
1st	1	(20±1)s	0	16
2nd	1	(20±1)s	0	17

Sub-Conclusion: PASS

Photo Appendix:



End of Report

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