Technical Construction File

Report Reference No..... :	TCTJ25031368030
Tested by (+ signature)..... :	Jessica Meng
Approved by (+ signature)..... :	Kevin Shi
Date of issue..... :	March 19,2025

Testing Laboratory..... :	Shanghai Global Testing Services Co., Ltd.
Address..... :	Floor 3rd, Building D-1, No. 128, Shenfu Road, Minhang District, Shanghai, China.
Testing procedure ..... :	TL [×] TMP[ ] WMT[ ]
Applicant's name..... :	TIANJIN JINGLUFA SCIENCE AND TECHNOLOGY DEVELOPMENT CO., LTD.
Address..... :	#65 Tongwang Road,Wuqing District,Tianjin,China
Test specification:	
Standard..... :	EN 13782:2015, EN ISO 5912:2020
Type of Test ..... :	PST[ ] Registration（type test） [×]
Non-standard test method…….. :	N/A
Manufacturer..... :	TIANJIN JINGLUFA SCIENCE AND TECHNOLOGY DEVELOPMENT CO., LTD.
Address..... :	#65 Tongwang Road,Wuqing District,Tianjin,China
Product name..... :	Tent
Model No. ..... :	JLFMT-0101337, JLFMT-0101314, JLFMT0102521, JLEMT0104712, JLEMT-0104724, JLFMT-0104621, JLFMT-0105621, JLFMT-0106615ILEMTO106427, ILEMT-0107012, ILEMT-0107710, ILEMT-0107503JLFIT-0202513, JLFIT-0202510, JLFIT-0201478, JLFIT-0203526, ILFIT-0203524, ILFIT-0203826, ILFIT-0203809 ILFIT-0203524JLFDT-0500030, JIFDT-0500040, JLFGT-0601020, JLFGT0601040, ILFGT-0605040, ILFGT-0608011, JLFGT-0606006, ILFAT-0900109JLFAT-0900311, JLFAT-0900623

Possible test case verdicts:	
- test case does not apply to the test object.....	: N/A
- test object does meet the requirement.....	: P(Pass)
- test object does not meet the requirement.....	: F(Fail)
Testing.....	:
Date of receipt of test item.....	: March 09,2025
Date (s) of performance of tests.....	: March 09,2025 to March 19,2025

General remarks:

The test results presented in this report relate only to the object tested.
This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.

"(see Enclosure #)" refers to additional information appended to the report.
"(see appended table)" refers to a table appended to the report.

Throughout this report a comma (point) is used as the decimal separator.

REVIEW CONDUCTED:

Test Property	Test Method	Test Principle / Requirements	The Result
4. Classification			
4.1 Categories of camping tents			
Cat.A (lightweight)	EN ISO 5912 Clause 4.1.1	Tents having a total weight of ≤ 2,5 kg per sleeping berth.	N/A
Cat.B	EN ISO 5912 Clause 4.1.2	Tents having a total weight of > 2,5 kg per sleeping berth.	Pass
4.2 Tent performance level			
Level 1	EN ISO 5912 Clause 4.2.1	Tent designed for infrequent and short-term use. Although rain resistant, these tents should be used mainly in fair weather.	N/A
Level 2	EN ISO 5912 Clause 4.2.2	Tent designed for use in mainly moderate weather conditions.	N/A
Level 3	EN ISO 5912 Clause 4.2.3	Tent designed for use in all weather conditions.	Pass
6. Requirements			
6.1 General requirements			
6.1.1 Fabrics and their connections			
Tear resistance, breaking strength, resistance to penetration by water,weatherability	EN ISO 5912 Clause 6.1.1.1	See Table 2	Pass
Dimensional stability	EN ISO 5912 Clause 6.1.1.2	When tested in accordance with ISO 7771 using a cycle of 2 h, the dimensional change shall not exceed ±3 %.	Pass
6.1.1.3 Flammability			N/A
General	EN ISO 5912 Clause 6.1.1.3.1	If the fabrics of a camping tent are claimed to have flame retardant properties they shall be tested when new and shall comply as required to 6.1.1.3.2, 6.1.1.3.3 and 6.1.1.3.4. See Table 2, Note 1 for information about the use of applied chemical finishes to produce flame	-

Test Property	Test Method	Test Principle / Requirements	The Result
		retardant properties.	
Outer tent material	EN ISO 5912 Clause 6.1.1.3.2	When tested in accordance with ISO 6941:2003, Procedure A (using a 10 s ignition time, surface ignition), no marker threads shall be severed, there shall be no flaming debris, there shall be no flame to either vertical edge of the test specimen, no single sample shall show afterflame time exceeding 10 s, and the average afterflame time shall not exceed 6 s.	Pass
Inner tent material	EN ISO 5912 Clause 6.1.1.3.3	When tested in accordance with ISO 6941, Procedure A (using a 10 s ignition time, surface ignition), no marker threads shall be severed, there shall be flaming debris on no more than two of the tested samples, there shall be no flame to either vertical edge of the test specimen, no single sample shall show afterflame exceeding 20 s, and the average afterflame time shall not exceed 12 s.	Pass
Groundsheet	EN ISO 5912 Clause 6.1.1.3.4	When tested in accordance with ISO 6925, the radius of burn shall be less than 35 mm.	Pass
Ground fastening	EN ISO 5912 Clause 6.1.2	At least one ground fastening shall be provided for each corner, or four ground fasteners as a minimum if the tent is not rectangular	Pass
Protective measures	EN ISO 5912 Clause 6.1.3	Points on the groundsheet which are in contact with frame parts shall be suitably protected.	Pass
6.1.4 Ventilation			
General	EN ISO 5912 Clause 6.1.4.1	In order to reduce the risk of suffocation, tents shall be designed to maintain a circulation of air and minimize the opportunity for a	Pass

Test Property	Test Method	Test Principle / Requirements	The Result
		build-up of harmful gases to dangerous levels within the sleeping areas.	
Sealed tents	EN ISO 5912 Clause 6.1.4.2	In order to provide a sufficient circulation of air, a minimum of two ventilation openings shall be provided, each of which shall be at least 100 cm2 per person. These openings shall be of such a design that when opened they cannot be closed by prevailing weather conditions.	Pass
Double skin tents	EN ISO 5912 Clause 6.1.4.3	By choosing suitable materials and product design, a permanent circulation of air to reduce condensation shall be possible.	N/A
Tent exits	EN ISO 5912 Clause 6.1.5	Tents with a sleeping capacity of four or more persons shall have an exit with a minimum area of 0,9 m2 and a minimum width of 50 cm. Where two exits are provided, this size requirement only applies to the first. Tent exits may be closed using a zip fastener (see 6.2.2) or any other system, provided that they can be opened easily from the bottom, if the exit is higher than 100 cm.	Pass
Insect protection	EN ISO 5912 Clause 6.1.6	Doors and openings for inner tents shall be insect-proof when they are closed. Insect resistant nets, if used, shall have a maximum mesh size of 1 mm × 1 mm.	Pass
Resistance to penetration by rain	EN ISO 5912 Clause 6.1.7	The resistance of the tent shall be such that no water penetrates the tent interior except a light mist during the first 2 min, when the rain test according to 8.3 is carried out.	Pass

Test Property	Test Method	Test Principle / Requirements	The Result
		The outer fabric of the tent shall not come into contact with the inner fabric unless designed to do	
6.2 Requirements for components			
Frame	EN ISO 5912 Clause 6.2.1.1	All metal parts shall be such that there is no change at the end of the test according to 8.2, except for minor discolouration. In the case of enamelled or coated frame components, there shall be no infiltration under the varnish of more than 0,5 mm according to ISO 9227.	Pass
Edges and corners	EN ISO 5912 Clause 6.2.1.2	Edges and corners accessible during assembly and use shall be free from burrs and/or sharp edges. Test in accordance with 8.6.1.	Pass
Tubular components, holes and gaps	EN ISO 5912 Clause 6.2.1.3	Tubular components, holes and gaps accessible during pitching, striking and use shall be covered if a 7 mm or 12 mm test probe can be pushed into them in any direction to a depth of more than 10 mm when tested in accordance with the requirements in 8.6.2.	Pass
Shear and squeeze points	EN ISO 5912 Clause 6.2.1.4	Shear and squeeze points that are created only during setting up or folding are acceptable, providing that the user can be assumed to be in control of his/her movements and to be able to cease applying the force immediately on experiencing pain. The edges of shear and squeeze points shall be rounded or chamfered.	Pass
6.2 Zip fasteners			Pass
General	EN ISO 5912 Clause 6.2.2.1	The slider shall not be the same colour as the teeth and ribbon of the zip, unless a conspicuous handle of	Pass

Test Property	Test Method	Test Principle / Requirements	The Result
		a different colour is attached to the slider.	
Lateral strength of zip fasteners	EN ISO 5912 Clause 6.2.2.2	The lateral strength of zip fasteners shall be in accordance with the values in Table 3.	Pass
Guying system	EN ISO 5912 Clause 6.2.3	The individual guying assembly including eyelets, lower and upper attachments and tensioning device shall withstand a minimum tensile force according to Table 4.	Pass
Tent and pole bags	EN ISO 5912 Clause 6.2.4	At least one bag shall be supplied for the tent	Pass
Tent accessories	EN ISO 5912 Clause 7	The tent shall be supplied with sufficient tent accessories to ensure the performance of the tent in accordance with this International Standard.	Pass
10. Information supplied by the manufacturer			
General	EN ISO 5912 Clause 10.1	Each tent shall be accompanied by instructions for use with explanatory sketches or drawings. This information may be provided either with the tent attached to its stuff bag or in a brochure or on a DVD. In particular, these instructions shall ensure that the pitching and maintenance can be easily understood by a novice user.	Pass
Marking	EN ISO 5912 Clause 11	Tents shall be marked with the name or trademark of the manufacturer, supplier or importer.	Pass

Table 3 — Lateral strength of zip fasteners

		Cat. A			Cat. B		
		Level 1 [N]	Level 2 [N]	Level 3 [N]	Level 1 [N]	Level 2 [N]	Level 3 [N]
Lateral strength of zip fasteners	Outer tent	200	250	300	250	300	350
	Inner tent	150	200	250	200	250	300

Table 4 — Strength of guying system

	Cat. A			Cat. B		
	Level 1 [N]	Level 2 [N]	Level 3 [N]	Level 1 [N]	Level 2 [N]	Level 3 [N]
Strength of the guying system	250	300	350	300	350	400

EN 13782:2015			
Clause	**Requirement-Test**	**Result-Remark**	**Verdict**
4	**General requirements for design, analysis and examination**		
4.1	**Design documents**		
	The design documents shall include information for the verification of the stability, resistance and operating safety, especially a description of the construction and operation, the stability verification and design drawings as well as relevant documents concerning the burning behaviour.		P
	The documents shall include all the possible configurations of the tent.		**P**
4.2	**Description of construction and operation**		
	The tent in particular its design and utilization and its static system shall be explained in this description.		P
	The description shall include details of the particular features of the tents and of any alternative modes of installation which may exist, also details of the main dimensions, limitations, design particulars and materials		P
4.3	**Construction drawings**		
	These shall exist for all sub-assemblies and individual components, the fracture or failure of which might endanger, the stability or operating safety of the tent. The construction drawings shall feature all the dimensions and cross section values required for testing and approval, also details of materials, structural components, fasteners and connectors.		P
	The construction plans shall comprise the following:		P
	-General drawings in plan view, elevation and sections, to one of the following scales, i.e. 1:100, 1:50 or1:20. If clearness and readability does not suffice other scales shall be used;		P

EN 13782:2015			
Clause	**Requirement-Test**	**Result-Remark**	**Verdict**
	- Detail drawings relating to all the structural subassemblies not clearly discernible on the general drawings, also detail plans of connections and of individual items of structural nature that are likely to affect the safety of the tent and of its operation, drawn to a larger scale.		P
5	**Selection of materials**		
5.1	**General**		
	Only materials in respect of which design data are featured in European Standards shall be used for structural components.		P
	Other materials can only be used on condition that proof of their serviceability has been established. The designer shall give special consideration to structural joints which are to be welded and the weld ability of the selected metals in accordance with European Standards.		P
5.2	**Selection of covering materials**		
	For rubber and plastic coated fabrics EN 15619 applies. The supplier certification shall be provided.		P
	For other fabric materials and cladding elements of:		P
	-cotton fabrics;		P
	- synthetic fabrics;		P
	-sold covering and sheeting such as sectional metal sheets, wood or plastic panels and multi components elements,		P
	the following requirements shall be regarded:		P
	- fabric materials designated for structural use shall conform to EN standards or, in absence, to agreement by the parties involved;		P

EN 13782:2015			
Clause	**Requirement-Test**	**Result-Remark**	**Verdict**
	- it shall be ensured that the material and the connections specified provides sufficient weather tightness, tensile strength to ensure safe and durable performance of the textile cover. The partial safety factors for structural use of fabrics shall be according to 8.6;		P
	-standards for textile, membrane and inflatable structures.		P
5.3	**Joining of covering materials**		
	Joints by sewing, welding and adhesives and zips shall conform to the relevant EN standards or shall be tested for their ultimate tear and shear properties. The ageing and environmental influences shall be taken into account by the application of additional partial safety factors.		P
	Zips shall be tested for their strength to withstand the calculated loads of the structure. Effects of wearing out and influence of UV light on plastic shall be considered.		P
	If suitable structural strength cannot be verified they can only be used in non-safety critical applications.		P

Sample Photo:

*****End of Report*****