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Technical Report No. 68.199.17.0757.01R1

Rev. 00

Dated 2019-06-18

Client: [Redacted] PEOPLE'S REPUBLIC OF CHINA

Manufacturing place: [Redacted] PEOPLE'S REPUBLIC OF CHINA

Test subject: Product:
Rope Swing, High Balance, Slipping Wave, Guard Tower, 3 Caps, Rough Path, Colum Bridge, Spin Door, Trampoline, Frog Jump, Seeker, W Corner
Article No.:
Rope Swing 01, High Balance 01, Slipping Wave 01, Guard Tower 01, 3 Caps 01, Rough Path 01, Colum Bridge 01, Spin Door 01, Trampoline 01, Frog Jump 01, Seeker 01, W Corner 01

Test specification: ISO 25649-1: 2017
ISO 25649-2: 2017
ISO 25649-6: 2017

Purpose of examination: • Test according to the test specification

Test result: PASS
The test results show that the presented products are in compliance with the specified requirements.

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1 Description of the test subject

1.1 Function

Manufacturer's specification for intended use:

Product: Rope Swing, High Balance, Slipping Wave, Guard Tower, 3 Caps, Rough Path, Colum Bridge, Spin Door, Trampoline, Frog Jump, Seeker, W Corner

Article No.: Rope Swing 01, High Balance 01, Slipping Wave 01, Guard Tower 01, 3 Caps 01, Rough Path 01, Colum Bridge 01, Spin Door 01, Trampoline 01, Frog Jump 01, Seeker 01, W Corner 01

1.2 Consideration of the foreseeable misuse

- Not applicable
- Covered through the applied standard
- Covered by the following comment
- Covered by attached risk analysis

1.3 Technical Data

Article No.:	Overall Dimension (Lx W x H)	Weight
Rope Swing 01	6m x 3,8m x 4,5m	110 kg
High Balance 01	6m x 2m x 1m	80 kg
Slipping Wave 01	6m x 2m x 0,8m	61 kg
Guard Tower 01	5m x 5m x 4,5m	139 kg
3 Caps 01	6m x 2m x 1m	54 kg
Rough Path 01	6m x 2m x 2,3m	131 kg
Colum Bridge 01	6m x 3m x 3m	73 kg
Spin Door 01	3m x 2m x 3m	55 kg
Trampoline 01	Dia.4.8m x 1m	140 kg
Frog Jump 01	3m x 2m x 0,5m	19 kg
Seeker 01	3m x 2m x 1,3m	44 kg
W Corner 01	5,5m x 5,5m x 0,3m	66 kg
Material: 0.9mm PVC tarpaulin		

2 Order

2.1 Date of Purchase Order, Customer's Reference

2019-06-14

2.2 Receipt of Test Sample, Location

2019-05-23, TÜV SÜD Certification and Testing (China) Co., Ltd. GuanLan Lab



No. 11, Jiaoyang Rd., Jiaoyang Village, Jiaoyang District, Shenzhen, Longhua New District, Shenzhen,
518102, P.R.China.

2.3 Date of Testing

From 2019-06-14 to 2019-06-18

2.4 Location of Testing

TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Lab
No. 11, Jiaoyang Rd., Jiaoyang Village, Jiaoyang District, Shenzhen, Longhua New District, Shenzhen,
518102, P.R.China.

2.5 Points of Non-compliance or Exceptions of the Test Procedure

None

3 Test Results

ISO 25649-1:2017 Floating leisure articles for use on and in the water - Part1: Classification, materials, general requirements and test methods			
Clause	Requirement -Test	Measuring result- Remark	Verdict
1	Scope	--	--
2	Normative references	--	--
3	Terms and definitions	--	--
4	Classification and criteria to distinguish floating leisure articles from aquatic toys	Class D	P
5	General safety requirements and test methods related to all classes	--	--
5.1	General	Fulfilled Above 6 years.	P
5.2	Body entrapment	Fulfilled	P
5.2.1	General	Fulfilled	P
5.2.2	Requirements on body entrapment	Fulfilled	P
5.2.3	Test procedure	--	--
5.2.4	Depths of gaps and openings	Fulfilled	P
5.2.5	Method of measuring	--	--
5.3	Torso entrapment on safety line with regard to children	Fulfilled	P
5.4	Accessible protruding parts causing entanglement	Fulfilled	P
5.5	Human subject testing	Fulfilled	P

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5.6	Design working pressure	Fulfilled 0.1 bar	P
5.7	Load bearing components	Fulfilled	P
5.8	Towing device	Fulfilled	P
5.9	Valves and valve adapters	Fulfilled With valve adapters.	P
5.10	Edges, corners and points	Fulfilled	P
5.11	Shearing and crushing points	Fulfilled	P
5.12	Strength of the hull and test conditions	Fulfilled	P
5.12.1	Requirements	Fulfilled	P
5.12.2	Pressure test	Fulfilled Overpressure: 0.15bar	P
5.12.3	Heat test (not applicable to Class D devices)	Class D	NA
5.12.4	Air tightness test for inflatables made from unsupported material	Reinforced material.	NA
5.12.5	Air tightness test for inflatables made from reinforced or fabric covered material	Fulfilled. Pressure: 0.102bar	P
5.13	Buckles and other fixings	Fulfilled	P
6	Material requirements and test methods	Fulfilled	P
6.1	General	Fulfilled	P
6.2	Chemical requirements for materials making up the hull, unsupported or reinforced	Fulfilled	P
6.2.1	General	Fulfilled 94 g/m ²	P
6.2.2	Resistance to mineral oil	Fulfilled	P
6.2.3	Resistance to chlorinated salt water	Fulfilled	P
6.3	Physical requirements	Fulfilled	P
6.3.1	Resistance to cold	Fulfilled	P
6.3.2	Resistance to heat	Fulfilled	P
6.4	Mechanical requirements of unsupported hull materials	Fulfilled	P
6.4.1	General	Fulfilled	P
6.4.2	Resistance to puncturing	Fulfilled	P
6.5	Mechanical requirements for reinforced hull materials	Fulfilled	P
6.5.1	General	Fulfilled	P
6.5.2	Adhesion of coatings (if applicable)	Not with coatings.	NA
6.6	Other materials	Fulfilled	P

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6.6.1	Wood	No Wood	NA
6.6.2	Metal and synthetic material parts	Fulfilled	P
6.7	Threads	No sew load bearing components.	NA
7	Durability of warnings and markings	Fulfilled See test report No.: 68.300.17.0136.01 dated 2017-11-15.	P
7.1	Resistance to perspiration	Fulfilled	P
7.2	Resistance to chlorinated salt water	Fulfilled	P
7.3	Adhesion of markings	Fulfilled	P
7.4	Provision of repair means	Fulfilled	P

ISO 25649-2:2017 Floating leisure articles for use on and in the water - Part 2: Consumer information

Clause	Requirement -Test	Measuring result- Remark	Verdict
1	Scope	--	--
2	Normative references	--	--
3	Terms and definitions	--	--
4	Consumer information	Fulfilled	P
4.1	General	Fulfilled	P
4.2	Consumer information at point of sale (information before buying)	Fulfilled	P
4.3	Information related to preparation for use	Fulfilled	P
4.4	Information related to maintenance, repair and storage	Fulfilled	P
5	Requirements related to printing	Fulfilled	P
5.1	General	Fulfilled	P
5.2	Durability of printings on the product	Fulfilled	P
5.3	Language and letter size for plain text information on the product	Fulfilled	P
6	Product safety label	Fulfilled	P
7	Instructions	Fulfilled	P
8	Mislabelling	Fulfilled	P

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ISO 25649-6:2017 Floating leisure articles for use on and in the water - Part 6: Additional specific safety requirements and test methods for Class D devices			
Clause	Requirement -Test	Measuring result- Remark	Verdict
1	Scope	--	--
2	Normative references	--	--
3	Terms and definitions	--	--
4	Safety requirements and test methods	Fulfilled	P
4.1	General	Fulfilled	P
4.2	Design of buckles and other fixings	Fulfilled	P
4.3	Sizing and admissible number of users, maximum load capacity	Fulfilled	P
4.4	Components	Fulfilled	P
4.5	In water performance	Fulfilled	P
4.5.1	Class D devices, floating stability	Fulfilled	P
4.5.2	Floating devices not claiming to provide floating stability	Fulfilled	P
4.5.3	Buoyancy and amount of residual buoyancy	Fulfilled	P
4.5.4	Nominative buoyancy for floating leisure articles claiming floating stability when fully inflated	Fulfilled	P
4.5.5	Carrying handles and climbing facilities	Carrying handles:760 N Climbing handles:1200 N After testing, no damage was found	P
4.5.6	Re-embarkation from the water	Fulfilled	P
4.5.7	Anchorage	Fulfilled	P
4.5.8	Water depth	Fulfilled.	P
4.5.9	Horizontal safety distance with surrounding area	Fulfilled	P
4.5.10	Visibility	Fulfilled	P
4.5.11	Repair kit	Fulfilled	P
4.5.12	Springs, protection against corrosion, durability	No Springs	P
4.5.13	Safety pad for trampolines and bouncy platforms	Fulfilled	P
4.5.14	Connection of inflatable components	No connection of inflatable components	NA
4.5.15	Swimming in close approximation under extra-large floating leisure articles	Fulfilled	P
5	Instruction manual	Fulfilled	P

Abbreviation: P=Pass; N/A=Not Applicable; F=Fail; N/T = Not Tested; N/R = Not Requested

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4 Remark

- 1) The sample has been examined according to the minimum requirements described in the product standard.

5 Documentation

PRODUCT PHOTO



Rope Swing 01



High Balance 01



Slipping Wave 01



Guard Tower 01



3 Caps 01



Rough Path 01



Colum Bridge 01



Spin Door 01



Trampoline 01



Frog Jump 01



Seeker 01



W Corner 01

6 Summary

The test specifications are met.

Hardlines - MES

TÜV SÜD Certification and Testing (China) Co., Ltd.
Shenzhen Branch



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