Test Report No.: 70.300.23.11131.01
Dated: 2023-11-06

Applicant:	ATA School Supplies CO., LTD.
Address:	Building 4, Lane 2777, Baoan Road, Malu Town, Jiading District, Shanghai, PEOPLE'S REPUBLIC OF CHINA
Product Name:	Playground equipment “Elephant”
Brand:	Wisdom
Model No.:	TOT3523-0003DCL
Buyer:	TUMACO LIMITED 13/F GLOUCESTER TOWER THE LANDMARK 15 QUEEN'S RD CENTRAL, CENTRAL, HONG KONG
Manufacturer:	ATA School Supplies CO., LTD. Building 4, Lane 2777, Baoan Road, Malu Town, Jiading District, Shanghai, PEOPLE'S REPUBLIC OF CHINA
Factory:	ATA School Supplies CO., LTD. Building 4, Lane 2777, Baoan Road, Malu Town, Jiading District, Shanghai, PEOPLE'S REPUBLIC OF CHINA
Country of Origin:	China
Country of Destination:	/
Receipt Date of Sample:	2023-10-27
Date of Testing:	From 2023-10-27 to 2023-11-01
Sample Submitted:	The sample(s) was (were) submitted by applicant and identified.
Test Result:	Refer to the data listed in following pages

Test Specification(s) or Test Item(s):	**Conclusions:**
1. According to client requirement: based on DIN EN 1176-1:2017 & NEN EN 1176-1:2017 Playground equipment and surfacing – Part 1: General safety requirements and test methods	**Pass**
2. According to client requirement: based on DIN EN 1176-3:2017 & NEN EN 1176-3:2017 Playground equipment and surfacing – Part 3: Additional specific safety requirements and test methods for slides	**Pass**

Hardline laboratory

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

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Note:

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Unless otherwise agreed upon, Pass or Fail verdicts are given based on the measured values without any considerations of measurement uncertainties.
Please note, every test method has a measurement uncertainty which has been evaluated by the laboratory according to ISO/IEC 17025 requirements. By taking measurement uncertainties into account it might happen that measured values can neither be assessed as Pass nor as Fail.

Description of the test subject:

1	**Product Description** *Product details*	Playground equipment “Elephant” designed for children 1-8 years old.
2	**Dimensions (cm)**	342 x 130 x 153
3	**Critical falling height (mm)**	600 (platform’s height)
General view of the sample		
		
		/

Test Results:

1. **According to client requirement: based on DIN EN 1176-1:2017 & NEN EN 1176-1:2017 Playground equipment and surfacing – Part 1: General safety requirements and test methods**

Clause	*Requirement -Test*	*Measuring result- Remark*	*Verdict*
4	Safety requirements		
4.1	Materials		N/R
4.2	Design and manufacture		
4.2.1	General		/
4.2.2	Structural integrity		P
4.2.3	Accessibility for adults	Complied. The construction of the product was designed easily for adult's access.	P
4.2.4	Protection against falling		
4.2.4.1	General	Platform height: 600mm Barriers were equipped to surround the platform.	/
4.2.4.2	Handrails		N/A
4.2.4.3	Guardrails		N/A
4.2.4.4	Barriers	Complied. The surrounded barriers had a height of more than 700mm.	P
4.2.4.5	Strength requirements		P
4.2.4.6	Grip requirements		P
4.2.4.7	Grasp requirements		P
4.2.5	Finish of equipment	Complied.	P
4.2.6	Moving parts	Without moving parts.	N/A
4.2.7	Protection against entrapment		
4.2.7.1	General	Complied.	P
4.2.7.2	Entrapment of the head and neck	Complied. No such risks.	P
4.2.7.3	Entrapment of clothing/hair	Complied. No such risks.	P
4.2.7.4	Entrapment of the whole body	Complied. No such risks.	P
4.2.7.5	Entrapment of the foot or leg	Complied. No such risks.	P
4.2.7.6	Entrapment of fingers	Complied. No such risks.	P
4.2.8	Protection against injuries during movement and falling		
4.2.8.1	Determination of free height of fall	Free height of fall was 600mm.	P
4.2.8.2	Determination of spaces and areas	Complied.	P
4.2.8.3	Protection against injuries in the free space for users undergoing a movement that is forced by the equipment	Complied.	P
4.2.8.4	Protection against injuries in the falling space	Complied.	P

4.2.8.5	Protection against injuries from the surface of the impact area		N/R
4.2.8.6	Protection against injuries due to other types of movement		P
4.2.9	Means of access		
4.2.9.1	Ladders	No ladders.	N/A
4.2.9.2	Stairs		P
4.2.9.3	Ramps	No ramps.	N/A
4.2.9.4	Steep play elements	No steep play elements.	N/A
4.2.9.5	Easily accessible playground equipment	This product is considered as easily accessible playground equipment.	P
4.2.10	Connections	Complied.	P
4.2.11	Consumable components		P
4.2.12	Ropes	No ropes.	N/A
4.2.13	Chains	No chains.	N/A
4.2.14	Foundations	The product is intended to be installed on the concrete floor only.	P
4.2.15	Heavy suspended rigid beams	No such devices.	N/A
4.2.16	Bouncing facilities	No bouncing facilities.	N/A

2. According to client requirement: based on DIN EN 1176-3:2017 & NEN EN 1176-3:2017 Playground equipment and surfacing – Part 3: Additional specific safety requirements and test methods for slides

Clause	*Requirement -Test*	*Measuring result- Remark*	*Verdict*
4	Safety requirements		
4.1	General	See results of DIN EN 1176-1 & NEN EN 1176-1.	/
4.2	Access	The slide was attached to the platform.	P
4.3	Starting section		
4.3.1	Length and angle	More than 350mm.	P
4.3.2	Guarding section	The barrier's opening was same as the width of the starting section.	P
4.3.3	Width	Complied.	P
4.3.4	Lateral protection (sides)	Complied.	P
4.4	Sliding section		
4.4.1	Length and angle	Complied.	P
4.4.2	Width	The sliding section was less than 1.5m in length.	N/A
4.4.3	Sides and profile of the slide	Height of lateral protection was more than 100mm.	P
4.5	Run-out section	The length of run-out section was more than 300mm.	P
4.6	Surface of the slide	Complied.	P

4.7	Free space	Complied.	P
4.8	Impact area	Complied.	P
4.9	Tunnel and mixed tunnel slides		
4.9.1	Clearance	Not tunnel slides.	N/A
4.9.2	Position		N/A

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

-End of Test Report-