

Prüfbericht-Nr.: <i>Test Report No.:</i>	50042463 014	Auftrags-Nr.: <i>Order No.:</i>	154085764	Seite 1 von 11 Page 1 of 11
Kunden-Referenz-Nr.: <i>Client Reference No.:</i>	N/A	Auftragsdatum: <i>Order date:</i>	02.02.2015	
Auftraggeber: <i>Client:</i>	Bestway Inflatables & Material Corp. No. 3065 Cao An Road, Shanghai 201812, P.R. China			
Prüfgegenstand: <i>Test item:</i>	Domestic Swimming Pool			
Bezeichnung / Typ-Nr.: <i>Identification / Type No.:</i>	#56479			
Auftrags-Inhalt: <i>Order content:</i>	Testing of Domestic Swimming Pools, as per the client's request			
Prüfgrundlage: <i>Test specification:</i>	EN 16582-1:2015 & EN 16582-3:2015 Domestic swimming pools Part 1: General requirements including safety and test methods Part 3: Specific requirements including safety and test methods for aboveground pools			
Wareneingangsdatum: <i>Date of receipt:</i>	08.05.2015			
Prüfmuster-Nr.: <i>Test sample No.:</i>	0154085764-015			
Prüfzeitraum: <i>Testing period:</i>	20.05.2015 - 19.06.2015			
Ort der Prüfung: <i>Place of testing:</i>	Kunshan			
Prüflaboratorium: <i>Testing laboratory:</i>	TÜV Rheinland (Shanghai) Co., Ltd.			
Prüfergebnis*: <i>Test result*:</i>	Pass			
geprüft von / tested by:		kontrolliert von / reviewed by:		
05.05.2016	Luke Xu / PE	05.05.2016	Kevin Zhai / Reviewer	
Datum <i>Date</i>	Name / Stellung <i>Name / Position</i>	Unterschrift <i>Signature</i>	Datum <i>Date</i>	Name / Stellung <i>Name / Position</i>
				Unterschrift <i>Signature</i>
Sonstiges / Other:				
Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of the test item at delivery:</i>		Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged</i>		
* Legende:	1 = sehr gut P(ass) = entspricht o.g. Prüfgrundlage(n)	2 = gut F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	3 = befriedigend F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	4 = ausreichend N/A = nicht anwendbar
Legend:	1 = very good P(ass) = passed a.m. test specification(s)	2 = good F(ail) = failed a.m. test specification(s)	3 = satisfactory F(ail) = failed a.m. test specification(s)	4 = sufficient N/A = not applicable
5 = mangelhaft N/T = nicht getestet				
5 = poor N/T = not tested				
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i>				

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Liste der verwendeten Prüfmittel
List of used test equipment

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Produktbeschreibung
Product description

1	Produktdetails <i>Product details</i>	Type Designation: #56479 Domestic swimming pool; square shape; with ladder, with filtration connection hole, aboveground.
2	Maße / Gewicht <i>Dimensions / Weight</i>	Declared dimension: Dimension of the water body (3ax3b): 9.27x4.54m Max. effective water depth (4): 1.19m Max. overall dimension (1ax1bx2): 10.12x5.34x1.32m Effective volume of water: 52.231 m ³
3	Bedienelemente <i>Operating elements</i>	N/A
4	Ausstattung / Zubehör <i>Equipment / Accessories</i>	Type designation: #56479 Ladder #58332
5	Verwendete Materialien <i>Used materials</i>	Steel, PVC, Plastic.
6	Sonstiges <i>Other</i>	N/A
Product photo		/
		/

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Clause	Anforderungen - Prüfungen / Requirements - Tests	Measuring results - Remarks	Evaluation

EN 16582-1:2015

Domestic swimming pools

- Part 1: General requirements including safety and test methods

1	Scope	Domestic swimming pool.	P ☒ F ☐ N/A ☐ N/T ☐
2	Normative references	Informative.	P ☒ F ☐ N/A ☐ N/T ☐
3	Terms and definitions	Informative.	P ☒ F ☐ N/A ☐ N/T ☐
4	General requirements and test methods		
4.1	General	Filtration systems are met the requirement acc. to EN 16713 series. No permanent electrical installations will be used by claim. Also migration of toxic elements does not exceed the limit in accordance with EN 71-3.	P ☒ F ☐ N/A ☐ N/T ☐
4.2	Tolerances	Informative.	P ☒ F ☐ N/A ☐ N/T ☐
4.3	Water leakage	Water tightness class: W ₀ Tested satisfactory (no leakage was found for 7 days).	P ☒ F ☐ N/A ☐ N/T ☐
4.4	Minimum performance requirements for structural materials		
4.4.1	General	Proofed.	P ☒ F ☐ N/A ☐ N/T ☐
4.4.2	Specific requirements and testing for corrosion resistance	Not worse than Ri 3 Rating.	P ☒ F ☐ N/A ☐ N/T ☐

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Clause	Anforderungen - Prüfungen / Requirements - Tests	Measuring results - Remarks	Evaluation
4.4.3	Osmosis resistance of composites and polymers	No visible defects.	P ☒ F ☐ N/A ☐ N/T ☐
4.4.4	Wood	No wooden parts.	P ☐ F ☐ N/A ☒ N/T ☐
4.5	Injury risks		
4.5.1	Small elements, edges and corners	Found satisfactory.	P ☒ F ☐ N/A ☐ N/T ☐
4.5.2	Permissible openings		
4.5.2.1	Principle	Found satisfactory.	P ☒ F ☐ N/A ☐ N/T ☐
4.5.2.2	Finger and toe entrapment	Found satisfactory.	P ☒ F ☐ N/A ☐ N/T ☐
4.5.2.3	Head and neck entrapment	Found satisfactory.	P ☒ F ☐ N/A ☐ N/T ☐
4.5.2.4	Other body entrapment	Found satisfactory.	P ☒ F ☐ N/A ☐ N/T ☐
4.6	Accessibility		
4.6.1	General	Hint to keep the children under supervision by marking.	P ☒ F ☐ N/A ☐ N/T ☐
4.6.2	Secure access to the swimming pool	Secured ladder.	P ☒ F ☐ N/A ☐ N/T ☐
5	Requirements and test methods for means of access		
5.1	General	Found satisfactory (see also in clause 4.4). Secured ladder is provided.	P ☒ F ☐ N/A ☐ N/T ☐

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5.2	Slip resistance	Tested satisfactory.	P ☒ F ☐ N/A ☐ N/T ☐
5.3	Crushing and entrapment hazards	Found satisfactory.	P ☒ F ☐ N/A ☐ N/T ☐
5.4	Ladders		
5.4.1	Dimensions	Tested satisfactory.	P ☒ F ☐ N/A ☐ N/T ☐
5.4.2	Load-bearing strength	Tested satisfactory.	P ☒ F ☐ N/A ☐ N/T ☐
5.4.3	Test for lateral stability of removable ladders	Tested satisfactory.	P ☒ F ☐ N/A ☐ N/T ☐
5.4.4	Specific requirements for secured access points to enter the pool		
5.4.4.1	General	Secured ladder.	P ☒ F ☐ N/A ☐ N/T ☐
5.4.4.2	Ladders with lifting access	Not applicable.	P ☐ F ☐ N/A ☒ N/T ☐
5.4.4.3	Ladders with retractable access	Not applicable.	P ☐ F ☐ N/A ☒ N/T ☐
5.4.4.4	Means of access to the deck (ladder or stairs)	Not applicable.	P ☐ F ☐ N/A ☒ N/T ☐
5.4.5	Other requirements	Found satisfactory.	P ☒ F ☐ N/A ☐ N/T ☐
5.5	Bearing points		

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Clause	Anforderungen - Prüfungen / <i>Requirements - Tests</i>	<i>Measuring results - Remarks</i>	<i>Evaluation</i>	
5.5.1	Recessed bearing points	Informative.	P	☒
			F	☐
			N/A	☐
			N/T	☐
5.5.2	Raised bearing points			
5.5.2.1	Contour	Informative.	P	☒
			F	☐
			N/A	☐
			N/T	☐
5.5.2.2	Control plane	Informative.	P	☒
			F	☐
			N/A	☐
			N/T	☐
5.5.2.3	Potential bearing area	Informative.	P	☒
			F	☐
			N/A	☐
			N/T	☐
5.5.2.4	Safe surfaces	Informative.	P	☒
			F	☐
			N/A	☐
			N/T	☐
5.5.2.5	Type of raised bearing point	Informative.	P	☒
			F	☐
			N/A	☐
			N/T	☐
5.6	Submerged stairs			
5.6.1	General	Not applicable.	P	☐
			F	☐
			N/A	☒
			N/T	☐
5.6.2	Built-in stairs	Not applicable.	P	☐
			F	☐
			N/A	☒
			N/T	☐
5.6.3	Fitted stairs	Not applicable.	P	☐
			F	☐
			N/A	☒
			N/T	☐
5.7	Handrails	Not applicable.	P	☐
			F	☐
			N/A	☒
			N/T	☐

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6	Instructions for the consumer			
6.1	General principles	Checked satisfactory.	P	☒
			F	☐
			N/A	☐
			N/T	☐
6.2	Self-built/installed pools			
6.2.1	Point-of-purchase information	Checked satisfactory.	P	☒
			F	☐
			N/A	☐
			N/T	☐
6.2.2	Installation and commissioning manual	Checked satisfactory.	P	☒
			F	☐
			N/A	☐
			N/T	☐
6.2.3	Operating and maintenance manual	Checked satisfactory.	P	☒
			F	☐
			N/A	☐
			N/T	☐
6.3	Constructed / installed pools by professionals			
6.3.1	Point-of-purchase information	Not professional pool.	P	☐
			F	☐
			N/A	☒
			N/T	☐
6.3.2	Operating and maintenance manual	Not professional pool.	P	☐
			F	☐
			N/A	☒
			N/T	☐
6.4	Means of access			
6.4.1	Point-of-purchase information	Checked satisfactory.	P	☒
			F	☐
			N/A	☐
			N/T	☐
6.4.2	Operating and maintenance manual	Checked satisfactory.	P	☒
			F	☐
			N/A	☐
			N/T	☐
6.5	Examples illustrating pool sizes	Informative.	P	☒
			F	☐
			N/A	☐
			N/T	☐
7	Safety signage	Checked satisfactory.	P	☒
			F	☐
			N/A	☐
			N/T	☐

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EN 16582-3:2015

Domestic swimming pools

- Part 3: Specific requirements including safety and test methods for aboveground pools

1	Scope	Aboveground domestic swimming pool.	P ☒ F ☐ N/A ☐ N/T ☐
2	Normative references	Informative.	P ☒ F ☐ N/A ☐ N/T ☐
3	Terms and definitions	Informative.	P ☒ F ☐ N/A ☐ N/T ☐
4	Requirements and test methods specific to aboveground swimming pool		
4.1	General	Tested on one sample.	P ☒ F ☐ N/A ☐ N/T ☐
4.2	Aboveground swimming pool with frame-supporting walls		
4.2.1	Resistance to horizontal deformation		
4.2.1.1	Requirements	Tested satisfactory (not collapse, no injury risk).	P ☒ F ☐ N/A ☐ N/T ☐
4.2.1.2	Test method	Tested satisfactory (horizontal force of 400 N).	P ☒ F ☐ N/A ☐ N/T ☐
4.2.2	Resistance to vertical deformation		
4.2.2.1	Requirements	Tested satisfactory (no any permanent deformation).	P ☒ F ☐ N/A ☐ N/T ☐
4.2.2.2	Test method	Tested satisfactory (vertical force of 1,500 N).	P ☒ F ☐ N/A ☐ N/T ☐

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4.2.3	Bursting strength			
4.2.3.1	General	Tested after horizontal force test and vertical force test.	P	☒
			F	☐
			N/A	☐
			N/T	☐
4.2.3.2	Requirements	Tested satisfactory (not burst, no permanent deformation).	P	☒
			F	☐
			N/A	☐
			N/T	☐
4.2.3.3	Test method	Tested satisfactory.	P	☒
			F	☐
			N/A	☐
			N/T	☐
4.3	Aboveground swimming pool with self-stabilising walls			
4.3.1	Capacity to stop an overflow			
4.3.1.1	Requirement	Not applicable.	P	☐
			F	☐
			N/A	☒
			N/T	☐
4.3.1.2	Pool overflow	Not applicable.	P	☐
			F	☐
			N/A	☒
			N/T	☐
4.3.1.3	Behaviour test of the wall under load	Not applicable.	P	☐
			F	☐
			N/A	☒
			N/T	☐
4.3.2	Inflatable compartment	Not applicable.	P	☐
			F	☐
			N/A	☒
			N/T	☐
4.3.3	Stability in the event of deflation of the upper tube			
4.3.3.1	Requirement	Not applicable.	P	☐
			F	☐
			N/A	☒
			N/T	☐
4.3.3.2	Test method	Not applicable.	P	☐
			F	☐
			N/A	☒
			N/T	☐

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4.3.4	Bursting strength			
4.3.4.1	Requirement	Not appliable.	P	☐
			F	☐
			N/A	☒
			N/T	☐
4.3.4.2	Test method	Not appliable.	P	☐
			F	☐
			N/A	☒
			N/T	☐
4.4.4	Mechanical strength of the membrane of a swimming pool with tubular frame and/or flexible structure	Fulfilled the requirements.	P	☒
			F	☐
			N/A	☐
			N/T	☐

- END OF TEST REPORT -