Test Report -Products



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Client:	HAPPY ARTS&CRAFTS(NINGBO)CO.,LTD
Contact Information:	HAPE INTERNATIONAL(NINGBO)LTD 9-27Nanhai Road, Dagang industrial City, Beilun, Ningbo, China
Test item(s):	Тоу
Identification/ Model No(s):	Refer to detail list
Sample obtaining method:	Sending by customer
Condition at delivery:	Test item complete and undamaged.
Sample Receiving date:	2021-09-01
Testing Period:	2021-09-01 to 2021-09-27
Place of testing:	Chemical laboratory Shanghai, Toys laboratory Shanghai

### Test Specification:

Please refer to "Test Result Summary List" on page 2 for details

### Other information:

Country of Origin: China Sales Destination: Global Packaging provided: Yes

The provided age grade of the item: M001,M004-M006:over 36 months; M002,M003:over 24 months. The appropriate age grade of the item: M001,M004-M006:over 36 months; M002,M003:over 18 months.

The item was tested: M001,M004-M006:over 36 months; M002,M003:over 18 months. \*As per client's requirement



Sample information is provided by customer. Test result is drawn according to the kind and extent of tests performed.

This test report relates to the above mentioned 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 safety mark on this or similar products.

Decision Rule" document announced in our website (https://www.tuv.com/landingpage/en/qm-gcn/) describes the statement of conformity and its rule of enforcement for test results are applicable throughout this test report.

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## **Test Result Summary :**

Test Specification:	Test result:
1 ASTM F963-17: Mechanical and physical	PASS
2 ASTM F963-17: Flammability on solids and soft toys	PASS
3 CPSIA Sect 103: Tracking label	PASS
4 ASTM F963-17 Sect. 4.3.5.1 and 4.3.5.2 : Soluble heavy metal	PASS
5 ASTM F963-17 Sect. 4.3.5.1 and CPSIA Sect. 101: Total lead content in paint and coating materials	PASS
6 ASTM F963-17 Sect. 4.3.5.2 and CPSIA Sect. 101: Total lead content in substrate materials	PASS
7 Total Lead Content*	PASS





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ASIN NO.	Item NO.	Item Description EN	Item Description CN	Age
B074PYRC5S	E3153,E3153A	White Fridge-freezer	北欧风双门冰箱	3Y+
B074PYNQYC	E3146,E3146A	My Coffee Machine	北欧风自制咖啡机	24M+
B074PSHCB8	E3148,E3148A	Pop-up Toaster Set	北欧风烤面包机	24M+
B074PXWGDP	E3151,E3151A	2-in-1Kitchen&Grill Set	北欧风双面迷你厨房	3Y+
B07ZFRXTZJ	E3166,E3166A,E3166B	Kitchen with Light and Sound	超能声光模拟厨房	3Y+
B01N33IL6H	E3145,E3145A ,E3145B	All-in-1 kitchen	美食家超能大厨房	3Y+



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### Material List:

Item:

Refer to detail list

Material No.	Material	Color	Location	Remark
M001	Whole Product	Multi-color	E3153,E3153A	
M002	Whole Product	Multi-color	E3146,E3146A	
M003	Whole Product	Multi-color	E3148,E3148A	
M004	Whole Product	Multi-color	E3151,E3151A	
M005	Whole Product	Multi-color	E3166,E3166A,E3166B	
M006	Whole Product	Multi-color	E3145,E3145A ,E3145B	
M007	Wood	Nature	Solid Wood	
M008	Wood	Nature	MDF	Refer to 244346170/M005
M009	Wood	Nature	Plywood	Refer to 244352423/M004
M010	Coating	Red	On wood	
M011	Coating	White	On wood	
M012	Coating	Silver	On wood	
M013	Coating	Black	On wood	
M014	Coating	Brown	On wood	Refer to 244346170/M015
M015	Coating	Transparent	On wood	
M016	Coating	Grey	On wood	
M017	Coating	Sky blue	On wood	Refer to 244346170/M011
M018	Coating	Orange	On wood	intand (Shanghai)
M019	Coating	Yellow	On wood	
M020	Coating	Lt.grey	On wood	シート 私勤松測 街道 ・ *
		·		

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M021	Coating	Dk.grey	On wood	Refer to 244340715/M027
M022	Plastic	Beige	Plate, fasal, E3148	
M023	Plastic	White	PA nail, E3151	
M024	Plastic	Red	POM nail(clock), E3151	
M025	Plastic	Red	Switch, E3151	
M026	Plastic	Transparent	PET board, E3153	
M027	Plastic	Beige	Round pin, E3153	
M028	Plastic	Cream	Round pin, E3153	
M029	Plastic	Red	Knob, PP, E3146&E3148	
M030	Plastic	White	Cup, E3146	
M031	Plastic	White	Velcro, hook, E3148	
M032	Plastic	White	Bowl, PP, E3145	
M033	Plastic	White	Screw, E3145	
M034	Plastic	Grey	PA block(door), E3166	
M035	Plastic	Transparent	PMMA window, E3166	
M036	Plastic	Grey	ABS handle&knob, E3166	
M037	Plastic	Grey	PP sink&tap, E3166	
M038	Plastic	Black	PP cooker baseboard, E3166	
M039	Plastic	Lt.grey	POM knob, E3166	
M040	Plastic	Transparent	PET cooker panel, E3166	
M041	Plastic	Semitranspar ent	Screw, E3166	dand (Shanghai)
M042	Plastic	Red	Cooker button, E3166	E H
M043	Plastic	Cream	PA hook connector, E3145	
M044	Plastic	Red	ABS handle & knob, E3145	* <del>位 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 </del>

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M045	Plastic	White	ABS coffee cup, E3145	
M046	Plastic	White	LED, E3145	
M047	Plastic	Transparent	ABS LED, E3145	
M048	Plastic	Black	Rubber switch, E3145	
M049	Rubber + Textile	White	Elastic cord, E3146/E3148	
M050	Textile + printing	White + brown	Felt with printing, E3146	
M051	Textile	Yellow	Butter felt, E3148	
M052	Textile	Yellow green	Felt,E3145	
M053	Textile	Dk.green	Felt,E3145	
M054	Paper + printing	Multi-color	On wood, E3166	
M055	Metal	Silver	Iron tableware, E3145	
M056	Metal	Silver	Iron pot, E3145	
M057	Metal	Silver	Round pieces of metal, E3145	
M058	Metal	Silver	Refer to photo, E3145	
M059	Metal	Silver	Refer to photo, E3145	
M060	Metal	Silver	Refer to photo, E3145	
M061	Metal	Silver	Refer to photo, E3145	
M062	Metal	Silvery	Screw, E3146	
M063	Metal	Silver	Philips screw, E3151	
M064	Metal	Silver	Stainless steel, E3151&E3166	
M065	Metal	Silver	Connector, E3153	Sand (Shanghar
M066	Metal	Silver	Y/H screw,E3153	
M067	Metal	Silver	Hex screw, E3153	
M068	Metal	Silver	Philips screw, E3153	* 他通他們有用早 * 1800 (02) 1800 Ction   Testins

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L					
	M069	Metal	Silver	Round pin, E3153	
	M070	Metal	Silver	Door spindle, E3166	
	M071	Metal	Silver	Phipps screw, E3166	



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### 1.ASTM F963-17: Mechanical and physical

**Test result:** 

Tes	t No: T001
Materia	I No: M001-M006
4. Safety requirements	
4.1 Material Quality (visual check)	PASS
4.5 Sound-producing toys	PASS*4
4.6 Small objects	PASS*1
4.7 Accessible edges	PASS
4.8 Projections	PASS*2
4.9 Accessible points	PASS
4.11 Nails and fasteners	PASS*3
4.12 Plastic film	PASS*4
4.13 Folding mechanisms and hinges	PASS*5
4.15 Stability and over-load requirements	PASS*6
4.38 Magnets	PASS*6
5. Labeling requirements	
5.11 Small objects, small balls, marbles and balloons	PASS*7
5.16 Promotional materials	PASS
6. Instructional literature	•
6.1 Definition and description	PASS
7. Producer's markings	
7.1 Name and address of the producer or the distributor	PASS

### Use and Abuse Tests:

The submitted samples were undergone the use and abuse tests in accordance with FHSA 16 CFR and whichever is applicable the tested age grade.

Age Category	Impact Test	Flexure Test	Torque Test	Tension Test	Compression Test
0-18 Months 16 CFR 1500.51	10 x 4.5 ft	120 Arc 30 Cycles 10 lbs	2 in-lbs	10 lbs	20 lbs
19-36 Months 16 CFR 1500.52	4 x 3 ft	120 Arc 30 Cycles 15 lbs	3 in-lbs	15 lbs	25 lbs
37-96 Months 16 CFR 1500.53	4 x 3 ft	120 Arc 30 Cycles 15 lbs	4 in-lbs	15 lbs	30 lbs

The clause and/or sub-clause would be indicated only in the test report whichever applicable. The comprehensive result report is available upon request.





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### Remark:

- \*1 This clause is applicable to M001 and M003
- \*2 This clause is applicable to M002 and M003
- \*3 This clause is applicable to M004
- \*4 This clause is applicable to M005
- \*5 This clause is applicable to M001,M005 and M006
- \*6 This clause is applicable to M005 and M006
- \*7 This clause is applicable to M001





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### 2.ASTM F963-17: Flammability on solids and soft toys

**Test result:** 

	Test No:	T001
	Material No:	M001-M006
4.2	Flammability on solids and soft toys	PASS

The burning rate of the most severe part = DNI

Note: Maximum permissible burning rate = 0.1 Inch/sec.

Abbreviation: DNI = Did Not Ignite / IBE = Ignite But Self-extinguish



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### 3.CPSIA Sect 103: Tracking label

#### **Test Result:**

Test No:	T001
Material No:	M001-M006
Present On Packaging	PASS
Present On Product	PASS

#### Remark:

\*

- If there is a tracking label on the product which is visible through disposable packaging, the packaging need not be marked.
- \* The correct adherence to all requirements according to CPSIA Tracking label in regards to the marking of:
  - (1) Manufacturer or private labeler name;
  - (2) Location and date of production of the product;
  - (3) Detailed information on the manufacturing process, such as a batch or run number, or other identifying characteristics; and,
  - (4) Any other information to facilitate ascertaining the specific source of the product; can only be confirmed by the manufacturer/trader/applicant. The presence of related information was assessed; however, they cannot be verified in the frame of this test.





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### 4.ASTM F963-17 Sect. 4.3.5.1 and 4.3.5.2 : Soluble heavy metal

Test method: For paint and similar surface-coating materials: ASTM F963-17 Section 8.3.2 - 8.3.4 Method to Dissolve Soluble Matter for Surface Coatings, Preparation of Test Samples and Test Procedures

For substrate: ASTM F963-17 Section 8.3.5 Soluble Element Test Method for Substrate Materials

This requirement applies to the coating and substrate materials which the sample weight is greater than 10 mg

#### Test result:

		[mg/kg]							
		Sb	As	Ba	Cd	Cr	Pb	Hg	Se
					•	Toy Mater			
Test No.	Material No.	60	25	1000	75	60	90	60	500
Test NO.		Maximum Permissible Limit of Modelling Clay							
		60	25	250	50	25	90	25	500
						RL			
		2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
T001	M007(*1)	< RL	< RL	4.7	< RL	< RL	< RL	< RL	< RL
T002	M008(*1)	< RL	< RL	13.4	< RL	< RL	< RL	< RL	< RL
T003	M009(*1)	< RL	< RL	4.8	< RL	< RL	< RL	< RL	< RL
T004	M010	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T005	M011(*1)	< RL	< RL	3.9	< RL	< RL	< RL	< RL	< RL
T006	M012(*1)	< RL	< RL	13.0	< RL	< RL	< RL	< RL	< RL
T007	M013(*1)	< RL	< RL	3.7	< RL	< RL	< RL	< RL	< RL
T008	M015(*1)	< RL	< RL	3.4	< RL	< RL	< RL	< RL	< RL
T009	M016(*1)	< RL	< RL	9.9	< RL	< RL	< RL	< RL	< RL
T010	M017	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T011	M018	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T012	M019(*1)	< RL	< RL	3.3	< RL	< RL	< RL	< RL	< RL
T013	M020(*1)	< RL	< RL	4.1	< RL	< RL	< RL	< RL	< RL
T014	M021(*1)	< RL	< RL	2.9	< RL	< RL	< RL	< RL	< RL
T015	M022	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T016	M023	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T017	M024	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T018	M025	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T019	M026	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
T020	M027	< RL	< RL	< RL	< RL	< RL	< RL	< RL	RL
T021	M028	< RL	< RL	< RL	< RL	< RL	< RL	< RL	nd Shang
T022	M029	< RL	< RL	< RL	< RL	< RL	< RL	< <b>R</b> LS	x BAA
T023	M030	< RL	< RL	< RL	< RL	< RL	< RL	RE	< R
T024	M031	< RL	< RL	< RL	< RL	< RL	< RL	RL #	2 < RL
T025	M032	< RL	< RL	< RL	< RL	< RL	< RL	<b>₹</b> RŁ	いたお出土田立
T026	M033	< RL	< RL	< RL	< RL	< RL	< RL	< <b>R</b> Ľ	包括を
T027	M034	< RL	< RL	< RL	< RL	< RL	< RL	< RL	PORRE TOS

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					[mg	ı/kg]							
		Sb	As	Ba	Cd	Cr	Pb	Hg	Se				
		Maxim	Maximum Permissible Limit of Any Toy Materials except Modelling Clay										
Test No.	Material No.	60	25	1000	75	60	90	60	500				
Test NO.			Maximum Permissible Limit of Modelling Clay										
		60	25	250	50	25	90	25	500				
			RL										
		2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5				
T028	M035	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL				
T029	M036	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL				
T030	M037	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL				
T031	M038	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL				
T032	M039	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL				
T033	M040	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL				
T034	M041	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL				
T035	M042	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL				
T036	M043	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL				
T037	M044	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL				
T038	M045	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL				
T039	M046	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL				
T040	M047(*2)	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL				
T041	M048	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL				
T042	M049	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL				
T043	M050(*1)	2.6	< RL	< RL	< RL	< RL	< RL	< RL	< RL				
T044	M051	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL				
T045	M052	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL				
T046	M053(*1)	12.4	< RL	< RL	< RL	< RL	< RL	< RL	< RL				
T047	M054	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL				

Abbreviation: < = I

< = less than

RL = Reporting Limit

mg/kg = milligram per kilogram

Remark:

- <sup>\*1</sup> The material is deemed comply with the requirement of ASTM F963-17 cl. 8.3.4.3 after analytical correction.
  - \* Migration results of eight elements shown are the adjusted analytical results

Element	Sb	As	Ba	Cd	Cr	Pb	Hg	Se
Analytical Correction (in %)	60	60	30	30	30	30	50	60

\*2 The weight of test portion available was less than 100 mg, but greater than 10 mg, so results were no calculated as if 100 mg of the sample were available.

\*3 The weight of test portion M014 available was less than 10 mg, the test for soluble read content was not performed.



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# 5.ASTM F963-17 Sect. 4.3.5.1 and CPSIA Sect. 101: Total lead content in paint and coating materials

Test method: CPSC-CH-E1003-09.1 (Microwave method)

Test result:

Test No.	Material No.	Test Parameter	Unit	RL	Regulatory Requirement	Test Result
T001	M010 + M011 + M012	Lead Content	ppm	10	90	< RL
T002	M013 + M014 + M015	Lead Content	ppm	10	90	< RL
T003	M016 + M017 + M018	Lead Content	ppm	10	90	< RL
T004	M019 + M020 + M021	Lead Content	ppm	10	90	< RL

Abbreviation:

< = less than RL = Reporting Limit ppm = parts per million



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### 6.ASTM F963-17 Sect. 4.3.5.2 and CPSIA Sect. 101: Total lead content in substrate materials

CPSC-CH-E1001-08.3 and CPSC-CH-E1002-08.3 (Microwave method) Test method:

Test result:

Test No.	Material No.	Test Parameter	Unit	RL	Regulatory Requirement	Test Result
T001	M007 + M008 + M009	Lead Content	ppm	10	100	< RL
T002	M022 + M023 + M024	Lead Content	ppm	10	100	< RL
T003	M025 + M026 + M027	Lead Content	ppm	10	100	< RL
T004	M028 + M029 + M030	Lead Content	ppm	10	100	< RL
T005	M031 + M032 + M033	Lead Content	ppm	10	100	< RL
T006	M034 + M035 + M036	Lead Content	ppm	10	100	< RL
T007	M037 + M038 + M039	Lead Content	ppm	10	100	< RL
T008	M040 + M041 + M042	Lead Content	ppm	10	100	< RL
T009	M043 + M044 + M045	Lead Content	ppm	10	100	< RL
T010	M046 + M047 + M048	Lead Content	ppm	10	100	< RL
T011	M049	Lead Content	ppm	10	100	< RL
T012	M055 + M056 + M057	Lead Content	ppm	10	100	< RL
T013	M058 + M059 + M060	Lead Content	ppm	10	100	< RL
T014	M061 + M062 + M063	Lead Content	ppm	10	100	< RI 2 1

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Test No.	Material No.	Test Parameter	Unit	RL	Regulatory Requirement	Test Result
T015	M064 + M065 + M066	Lead Content	ppm	10	100	< RL
T016	M067 + M068 + M069	Lead Content	ppm	10	100	< RL
T017	M070 + M071	Lead Content	ppm	10	100	< RL

Abbreviation: < = less than

RL = Reporting Limit ppm = parts per million





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### 7.Total Lead Content

Test Method: CPSC-CH-E1003-09.1 (Microwave method)

### Result:

Test No.	Material No.	Test Parameter	Unit	RL	Customer's Requirement	Result
T001	M010 + M011 + M012	Lead Content	mg/kg	10	40	< RL
T002	M013 + M014 + M015	Lead Content	mg/kg	10	40	< RL
T003	M016 + M017 + M018	Lead Content	mg/kg	10	40	< RL
T004	M019 + M020 + M021	Lead Content	mg/kg	10	40	< RL

**Abbreviation:** < = less than

RL = Reporting Limit mg/kg = milligram per kilogram

### Remark:

- \*1 The requirement is following 16 CFR Part 1303 for
  - (1) Paint and other similar surface-coating materials
  - (2) Lead-containing paint
  - (3) Toys and other articles intended for use by children and
  - (4) Furniture article.





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Sample Photos



E3166,E3166A(B07ZFRXTZJ)



E3151,E3151A(B074PXWGDP)



E3153,E3153A(B074PYRC5S)



E3146,E3146A(B074PYNQYC)



E3148,E3148A(B074PSHCB8)



E3145,E3145A,E3145B(B01N63),C0H San anghai

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Sample Photos



Photo



Photo

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- a natural person capable to form legally binding contracts under the applicable laws who concludes the contract not for the purpose of a daily use; (i)
- (ii) 1.2
- the incorporated or unincorporated entity duly organized, validly existing and capable to form legally binding contracts user the applicable law. The following terms and conditions apply to agreed services including consultancy services, information, deliveries and similar services as wells ancillary services and other secondary obligations provided within the scope of contract performance. 1.3
- Any standard terms and conditions of the client of any nature shall not apply and shall hereby be expressly excluded. No standard contractual terms and conditions of the client shall form part of the contract even if TuV Rheinland does not explicitly object to them.
- In the context of an ongoing business relationship with the client, this GTCB shall also apply to future contracts with the client without TÜV Rheinland having to refer to them separately in each individual

#### 2. Quatati

- Unless otherwise agreed, all quotations submitted by TÜV Rheinland can be changed by TÜV Rheinland without notice prior to its acceptance and confirmation by the other party. Coming into effect and duration of contracts
- Coming into entext and utanation of contracts. The contract shall come into effect for the agreed terms upon the quotation letter of TÜV Rheinland or a separate contractual document leang signed by both contracting parties, or upon the works whold treacting a quotation from TÜV Rheinland (quotation), TÜV Rheinland (is, in its sole discretion, entitled to acceptance the order by giving written notice of such acceptance (including notice sent val electricity means) or by particiting discretions discretions. 3.1
- 3.2 The contract term starts upon the coming into effect of the contract in accordance with article 3.1 and shall continue for the term agreed in the contract.
- If the contract provides for an extension of the contract term, the contract term will be extended by the term provided for in the contract unless terminated in writing by either party with a six-week notice notic the end of the contractual term. 3.3

#### Scone of services

- 4.1 The scope and type of the services to be provided by TÜV Rheinland shall be specified in the contractually agreed service scope of TÜV Rheinland by both parties. If no such separate service scope of TÜV Rheinland exists, then the written confirmation of order by TÜV Rheinland shall be decisive for the service to be provided.
- The agreed services shall be performed in compliance with the regulations in force at the time the contract is entered into. 4.2
- 43 TŪV Rhe ÜV Rheinland is entitled to determine, in its sole discretion, the method and nature of the seesament unless otherwise agreed in writing or if mandatory provisions require a specific rocedure to be followed.
- procedure to be intolwed. On execution of the work there shall be no simultaneous assumption of any guarantee of the correctness (proper quality) and working order of either tested or examined parts nor of the installations as a whole and its upstream and/or downstream processes, organisations, use and application in accordance with regulations, nor of the systems on which the installation is based. In particular, TUX Rehards half assume on responsibility for the construction, selection of materials and assembly of installations examined, nor for their use and application in accordance with regulations, unless these questions are expressly covered by the contract.
- ase of inspection work, TÜV Rheinland shall not be responsible for the accuracy or checking allefty programmers or safety regulations on which the inspections are based, unless otherwise sly agreed in writing. 4.5 In the case of insp of the safety progra
- f mandatory legal regulations and standards or official requirements for the agreed service scope change after conclusion of the contract, with a written notice to the client, TÜV Rheinland shall be entitled to additional remuneration for resulting additional expenses. 46
- The services to be provided by TÜV Rheinland under the contract are agreed exclusively with the client. A contract of third parties with the services of TÜV Rheinland, as well as making available of adjustifying confidence in the work results (test reports, test results, expert prots, etc.) is not part of the agreed services. This also applies if the client passes on work results in full or in extracts to trift parties in accordance with clauses 11.4.

#### erformance neriods/dates

- The contractually agreed periods/dates of performance are based on estimates of the work involved which are prepared in line with the details provided by the client. They shall only be binding if being contirmed as binding by TÜV Rheinland in writing. 5.1
- 5.2 If binding periods of performance have been agreed, these periods shall not commence until the client has submitted all required documents to TÜV Rheinland.
- 5.3 Articles 5.1 and 5.2 also apply, even without express approval by the client, to all extensions of agreed periods/dates of performance not caused by TÜV Rheinland.
- TÜV Rheinland is not responsible for a delay in performance, in particular if the client has not fulfilled his duties to cooperate in accordance with clause 6.1 or has not done so in time and, in particular, has not provided TÜV Rheinland with all documents and information required for the performance of the service as specified in the contract. 5.4
- If the performance of TÜV Rheinland is delayed due to unforeseeable circumstances such as force majeure, strikes, business disruptions, governmental regulations, transport obstacles, etc., TÜV Rheinland is entitled to postpone performance for a reasonable period of time which corresponds at least to the duration of the hindrance plus any time period which may be required to resume 5.5

#### The client's obligation to cooperate

- The client shall guarantee that all cooperation required on its part, its agents or third parties will be provided in good time and at no cost to TÜV Rheinland. 6.1 11.2 6.2
- Design documents, supplies, auxiliary staff, etc. necessary for performance of the services shall made available free of charge by the client. Moreover, collaborative action of the client must undertaken in accordance with legal provisions, standards, safety regulations and accid prevention instructions. And the client represents and warrants that: 11.3
- a) it has required statutory qualifications;
- b) the product, service or management system to be certified complies with applicable laws and regulations; and c)
- it doesn't have any illegal and dishonest behaviours or is not included in the list of Enterprises with Serious Illegal and Dishonest Acts of People's Republic of China. 11.5 # the client breaches the aforesaid representations and warranties, TÜV Rheinland is entitled to i) immediately terminate the contract/order without prior notice; and ii) withdraw the issued testing report/certificates if any.
- The client shall beer any additional cost incurred on account of work having to be redone or being delayed as a result of late, incorrect or incomplete information provided by or lack of proper cooperation from the client. Even where a fixed or maximum price is agreed, TÜV Rheinland shall be entitled to charge extra less for such additional expense. Prices

#### 7.1

- f the scope of performance is not laid down in writing when the order is placed, invoicing shall be ased on costs actually incurred. If no price is agreed in writing, invoicing shall be made in accordance with the price list of TUV Rheinland valid at the time of performance. If the scope of perform ise agreed, work shall be invoiced according to the progress of the work. 7.2
- 7.3 If the execution of an order extends over more than one month and the value of the contract or the agreed fixed price exceeds €2,500.00 or equivalent value in local currency, TÜV Rheinland may demand payments on account or in instalments.

#### Payment terms

August 2021

- 8.1
- All invoice amounts shall be due for payment without deduction on receipt of the invoice discounts and rebates shall be granted. Payments shall be made to the bank account of TÜV Rheinland as indicated on the invoice, stating the invoice and client numbers. 82
- n cases of default of payment, TÜV Rheinland shall be entitled to claim default interest at the pplicable short term loan interest rate publicly announced by a reputable commercial bank in the country where TÜV Rheinland is located. At the same time, TÜV Rheinland reserves the right to taim further damages. 83
- 8.4 Should the client default in payment of the invoice despite being granted a reasonable grace period, TUV Rheinland shall be entitled to cancel the contract, withdraw the certificate, claim damages for non-performance and refuse to continue performance of the contract.
- The provisions set forth in article 8.4 shall also apply in cases involving returned cheques, cessation of payment, commencement of insolvency proceedings against the client's assets or cases in which the commencement of insolvency proceedings has been dismissed due to lack of assets. 8.5
- Objections to the invoices of TÜV Rheinland shall be submitted in writing within two weeks of receipt of the invoice. 8.6
- TÜV Rheinland shall be entitled to demand appropriate advance payments Lov reheminand shall be entited to demand appropriate advance payments. TUV Rheninand shall be entited to raise is less est the beginning of a month if overheads and/or purchase costs have increased. In this case, TUV Rhenhand shall notify the client in writing of the statistic costs have increased. In this case, TUV Rhenhand shall notify the client in writing of the statistic costs have factor (period of notice). If the rise in faces meaning under 5% per contractual year, the client shall not have the right to terminate the contract. If the rise in faces exceeds 5% per contractual year, the client shall be entited to terminate the contract. If the rise in face demand to have been agreed upon by the time of the apply of the notice period. 8.8
- Only legally established and undisputed claims may be offset against claims by TÜV Rheinland.
- TÜV Rheinland shall have the right at all times to setoff any amount due or payable by the cliet including but not limited to setoff against any fees paid by the client under any contracts, agreeme and/or orders/quotations reached with TÜV Rheinland.

- Accentance of work
- 9.1 Any part of the work result ordered which is complete in itself may be presented by TÜV Rheinland for acceptance as an instalment. The client shall be obliged to accept it immediately.
- 9.2 cceptance is required or contractually agreed in an individual case, this shall be deemed to have an place two (2) weeks after completion and handover of the work, unless the client refuses eptance within this period stating at least one fundmental breach of contract by TÜV Rheinland.
- The client is not entitled to refuse acceptance due to insignificant breach of contract by TÜV Rheinland 03 If acceptance is excluded according to the nature of the work performance of TÜV Rheinland, the completion of the work shall take its place. 9.4
- Competent of the work shall have to pack. During the Follow-Audi stage, if the client was unable to make use of the time windows provided for within the scope of a certification procedure for auditropherformance by TUV Rheinland and the entitled to immediately charge a tump-sum compression of 10% of the order amount as compensation for expenses. The client reserves the right to prove that the TUV Rheinland have incurred to damage whatsever or only a considerable lower damage damages.
- Instant a sumplement of the superstanding of the contract to accept services. TUV Rheinland shall also be entitled to charge lump-sum damages in the amount of 10% of the order amount as compensation for express if the service is not called within one year after the order has been placed. The client reserves the right to prove that the TUV Rheinland has incurred no damage whatsoever or only a considerably lover damage than the above mentioned lump sum. 9.6

#### 10. Confidentiality

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- entially purpose of these terms and conditions, "confidential information" means al know-how, trade secrets, documents, prioring and financial information, customer and suppler information, and marketing by one Party (the disclosing party) in be note Party (the "neceving party), in writing or crafty, in printed or electronic format. Confidential information is expressly not the data and know-how collected, complete or otherwise obtained by UDV Rheinland (func-persona) and not propriately to collected. Complete or devices on the data obtained (non-persona) and not propriately to be cliently within the scope of the provision of services by TUV Rheinland. TUV Rheinland is entitled to soruce, use, further devices and pass on the data obtained (non-persona) and not propriately to be cliently within the scope of the provision of services by TUV Rheinland. TUV Rheinland is entitled to soru, use, further devices and pass on the data obtained in connection with the provision of services services. 10.2 The disclosing party thall mark all confidential information transmitted by e-mail. It confidential information is disclosed on mitting the confidential information transmitted by e-mail. It confidential information is disclosed on writing the confidential information transmitted by e-mail. It confidential information is disclosed on writing the confidential information appropriately informed in advance and the disclosing party alial confin writing the confidential information appropriately information. The dist shall and void using any throad party pathorma. And the party confidential information. TUV Rheinland, networking days or data disclosed in writing the confidential information appropriately information. The dist shall and any confidential information and/or aytem (e.g. Wechat, Dingding, etc. Unauthorized by TUV Rheinland) be served any confidential and the shall information. The dist shall and any confidential information or dimarge due to any thet of telekaspe to be caused by the adoptin of a 10.1 For the pu
  - All confidential information which the disclosing party transmits or otherwise discloses to the receiving party and which is created during performance of work by TÜV Rheinland:
- may only be used by the receiving party for the purposes of performing the contract, unless expressly otherwise agreed in writing by the disclosing party; a)
- may not be copied, distributed, published or otherwise disclosed by the receiving party, unless this is necessary for fulfilling the purpose of the contract or TÜV Rheinland is required to pass on confidential information, inspection reports or documentation to the government authorities, judicial court, accreditation tooles or third parties that are involved in the performance of the contract; b)
- must be treated by the receiving party with the same level of confidentiality as the receiving party uses to protect its own confidential information, but never with a lesser level of confidentiality than that which is reasonably remained c)
- The receiving party may disclose any confidential information received from the disclosing party only to those of its employees who need this information to perform the services required for the contract. The receiving party undertakes to oblige these employees to observe the same level of secrecy as set forth in this confidentiality clause.
- Information for which the receiving party can furnish proof that
- it was generally known at the time of disclosure or has become general knowledge without violation of this confidentiality clause by the receiving party, or b) it was disclosed to the receiving party by a third party entitled to disclose this information; of
- the receiving party already possessed this information prior to disclosure by the disclosing pa
- d) the receiving party developed it itself, irrespective of disclosure by the disclosing party, shall not be deemed to constitute "confidential information" as defined in this confidentiality clause.
  - deemed to constitute "confidential information" as defined in this confidentiality clause. All confidential information that i remain the property of the disclosing party. The receiving party hereby agrees to immediately (i) return all confidential information, including all copies, to the disclosing party, and(or (ii) on request by the disclosing party, to destroy all confidential information, including all copies, and confirm the destruction of this confidential information to the disclosing party writing, at any time if is or requested by the disclosing party but at the latest and without special request after termination or expiry of the contract. This does not extend to include reports and conficuence prepared to the client cited by the "disclosing party but at the latest and without special request after termination or expiry of the contract. This does not extend to include reports and conflicates prepared to the client cited by the "disclosing and the contract. reports, conflicates and confidential information that forms the basis for preparing these reports and conflicates in prepared to be vidence the correctenss of 16 is results and for general documentation purposes required by laws, regulations and the requirements of working procedures of TÜV Rheinland. purposes Rheinland.
  - From the start of the contract and for a period of three years after termination or expiry of contract, the receiving party shall maintain strict secrecy of all confidential information and shal disclose this information to any third parties or use it for itself.

#### Copyrights and rights of use, publications

- TUV Rheinland shall retain all exclusive copyrights in the reports, expert reports/opinions, reports/esults, results, calculations, presentations etc. prepared by TUV Rheinland, ur observise agreed by the parties in a separate agreement. As the owner of the copyrights, Rheinland is free to grant others the right to use the work results for individual or all types of (right of use?)
- The client receives a simple, unlimited, non-transferable, non-sublicensable right of use to the contents of the work results produced within the scope of the contract, unless otherwise agreed by the parties in a separate agreement. The client may only use such report, separt egostrophilonis, test reports/insults, results calculations, presentations etc. prepared within the scope of the contract of the contractually agreed purpose.
- The transfer of right of use of the generated work results regulated in clause 11.2. of the GTCB is subject to full payment of the remuneration agreed in favour of TÜV Rheinland.
- The client may use work results only complete and unshortened. The client may only pass on the work results in full unless TÜV Rheinland has given its prior written consent to the partial passing on of work results.
- Any publication or duplication of the work results for advertising purposes or any further use of the work results beyond the scope regulaed in clause 11.2 needs the prior written approval of TÜV Rheinland in acch individual case
- TÜV Rheinland may revoke a once given approval according to clause 11.5 at any time without stating reasons. In this case, the client is obliged to stop the transfer of the work results immediately at his own expense and, as far as possible, to withdraw publications:
- The consent of TÜV Rheinland to publication or duplication of the work results does not entitle the client to use the corporate logo, corporate design or test/certification mark of TÜV Rheinland.

#### Liability of TÜV Rheinland

- Trespective of the legal basis, to the fullest extent permitted by applicable law, in the event of a breach of contractual obligations or tort, the liability of TUV Rheninand for all damages, losses and reminus mismer of contracts caused by TUV Rheninand to the legal representatives and/or employees the entire contract. (ii) in the case of a contract for annually recurring services, the agreed annual fee, (iii) in the case of a contract operscept y charged on a time and material basis, a maximum of 20,000 Euro or equivalent amount in local currency, and (iv) in the case of a framework agreement that provides for the possibility of placing individual orders, three agreement that under which the damages or tosses have occurred. Nonthistanding the above, in the event that the fauro or sourieet amount in local currency. The total and accoundated liability of TUV Rheninand Euro or equivalent amount in local currency. The total and accoundated liability of TUV Rheninand Euro or source amount amount in local currency. The total and accoundated liability of TUV Rheninand and accoundated liability of TuV. calculated liability calculated according to the foregoing provisions exceeds 2.5 Mi nulated liability calculated according to the foregoing provisions exceeds 2.5 Mi ent amount in local currency, the total and accumulated liability of TÜV Rhein nited to and shall not exceed the said 2.5 Million Euro or equivalent amount in k
- The limitation of liability according to article 12.1 above shall not apply to damages a caused by malice, intent or gross negligence on the part of TÜV Rheinland or its vica Such limitation shall not apply to damages for a person's death, physical injury or illness
- In cases involving a functionnearial breach of contract, TUV Plandmad will be liable each where micro-engligence is involved. For this provide, a "fundimental breach" is knock of a material contractual obligation, the performance of which permits the due performance of the contract. Any claim damages for a fundemental breach of contract shall be inmited to the amount of damages reasonably foreseen as a possible consequence of such breach of contract the time of the kneck (reasonably foreseenale), unless any of the circumstance described in anticle 122 applica.
- TÜV Rheinland shall not be liable for the acts of the personnel made available by the client to support TÜV Rheinland in the performance of its survices under the contract, unless surb personnel the acts of the personnel made available by the client under the foregoing provision, the client shall indemnity TUV Rheinland against any claims made by third parties arising from or in connection with such personnel acts.
- Unless otherwise contractually agreed in writing, TÜV Rheinland shall only be liable under the co to the client. 12.5 12.6 The limitation periods for claims for damages shall be based on statutory provis
- 12.7 None of the provisions of this article 12 changes the burden of proof to the disadvantage of the client
- 13. Ex 13.1
  - When passing on the services provided by TÜV Rheinland or parts thereof to third parties in Gr China or other regions, the client must comply with the respectively applicable regulations of nat and international export control law.
  - The performance of a contract with the client is subject to the proviso that there are no obstacles to performance due to national or international foreign trade legislations or embargos and/or sanctions. In the event of a violation, TUV Rheinland shall be entitled to terminate the contract with immediate effect and the client shall compensate for the losses incured thereof by TUV Rheinland.

#### Data prof

Data protection notice TOV Rheninal processes personal data of the client for the purpose of fulfilling this contract. In addition, TUV Rheninal rotes processes personal data of the client for the legal purposes in accordance with the relevant legal terminal data of the client will only be disclosed to other natural or legal personal the legal terminal data of the client will only be disclosed to other natural or legal personal. The terminal data of the client will only be disclosed to other natural or legal personal the legal terminal data of the client will only be disclosed to the framework of the legal terminal data of the client will only be disclosed to the framework of the disclosed terminal data transferability. In addition, persons concerned by the data the night to flex as the right to revoke their consent at any line with reliefs of the flaxes, as well as the night to flex as of personal data by TUV Rheritand as the person responsible or contract processor, please refer to the respective data by e-mail at distancivul? Bide tw. com or by post at the following address: TUV Rheritand AG, to G roup base Protection Information Sure as Constance Tocketion Officer of TUV Rheritand by e-mail at distancivul? Bide tw. com or by post at the following address: TUV Rheritand AG, to G roup base Protection Information Sure as Constance Tocketion, Officer of TUV Rheritand AG, and A

#### 15. Test materials/samples: transport risk and storage

15.1The risk and costs for freight and transport of documents or test materials/samples to and from TÜV Rheinland as well as the costs of necessary disposal measures shall be borne by the client. TÜV Rheinland will be only liable for the direct loss of test materials/samples in the laboratories or warehouses of TÜV Rheinland only in case of gross negligence.

- 15.2Any destroyed and otherwise worthless test materials/samples will be disposed of by TÜV Rheinland for the client at the expense of the client, unless otherwise agreed.
- 15.3Undamaged test materials/samples shall be stored by TÜV Rheinland for four (4) weeks after completion of the test. If a longer storage period is desired, TÜV Rheinland charges an appropriate storage fee. 15.4After the expiry of the 4 weeks or any longer period agreed upon, the test materials/samples will be disposed of by TÜV Rheinland for the client for a fee in accordance with clause 15.2.
- test materials/samples or documentations are given to the client to be placed in storage at their premises, the test material/samples or documentations must be made available to TUV Rheatings making available the test material/samples and/or documentation, any italibily claims for material and pecuniary damage resulting from the respective testing and certification that is brought forward by the client against TUV Rheatings.

#### 16. Termination of the contract

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17.1"Force Maieure" r

- 16.1 Notwithstanding clause 3.3 of the GTGE. TÜV Phaninaria and the client are entilled to terminate the contract in a certain of the start of the start of services combacil on one contract, each of the combacily plate of the contract individually and independently of the continuation of the remaining services with six (6) months' notice to the end of the contractually agreed term. The notice period shall be shortered to six (6) weeks in case TÜV Rheinland is prevented from performing the services due to a loss or a suspension of its accretization or notification.
- 16.2For good causes, TÜV Rheinland may consider giving a written notice to the client to terminate the cor which includes but not limited to the following:
  - a) the client does not immediately notify TÜV Rheinland of changes in the conditions within the company which are relevant for certification or signs of such changes;
- b) the client misuses the certificate or certification mark or uses it in violation of the contract; c) in the event of several consecutive delays in payment (at least three times);
- ostantial deterioration of the financial circumstances of the client occurs and as a result the payment claims of TÜV Rheinland under the contract are considerably endangered and TÜV Rheinland cannot reasonably be expected to continue the contractual relationship.
- e) in the event of any serious misrepresentation, be it by intentional fraud or grossly negligent behavior of the managers, employees or agents of the client;
- f) if TÜV Rheinland, for reasons beyond its control, is temporarily or finally not able or entitled to continue or finalize the performance of the service, e.g. in case of force majeure, government interference, sanctions, loss of accreditation or notification, or other. 16.3h the event of termination with written notice by TÜV Rheinland for good cause. TÜV Rheinland shall be entitled to a lump-sum claim for duranges against the client if the conditions of a claim for duranges exet, term as lump-sum compression. The dient reserves the right to prove that there is no durange or a considerably lower durange, TÜV Rheinland reserves the right to prove a considerably higher durange in individual cases.

16.4TÜV Rheinland is also entitled to terminate the context-with written rotics if the client has not been abit to the provided by TÜV Reinland within the scope of a contincation procedure and the contribute to additional terminate the scope of a contincation procedure and the contribute terminate written to be writtenawn (for example during the performance of monitoring audits). Clause 16.3 applies accordingly.

Force Majeure" means the occurrence of an event or circumstance that prevents or impedes a Party from performing one or more of its contractual obligations under the contract, if and to the extent that that Party proves: (a) that such impediment is beyond its reasonable control; and (b) that it could or toresonably have been foresen at the time of the conclusion of the contract; and (c) that the effects of the impediment could not reasonably have been avoided or vertexmo by the affector Party.

In the absence of proof to the contrary, the following event safety: conditions (a) and (b) under paragraph 1 of this Clause: (i) war (whether declared or not), hostilities, mission, act of foreign enemies, extensive millitary mobilization: (ii) ohl war, (in thether declared or not), hostilities, estations, entrange a service, act of terrorism, sabotage or piracy. (iii) currency and trade governmental order, expropriation, secure of works, requestions, children, and page, epidemic, millary or usuped power, insurrection, act of terrorism, sabotage or piracy. (iii) currency and trade governmental order, expropriation, secure of works, requestion, etc.), the definement profiles with any law or governmental order, expropriation, secure of works, requestion, estimation, estimation, estimation, dama of tester or definemental and expression of the secure of or equipment, prolonged break-down of transport, biscommunication, information system or every (iv) general labor disturbance such as boycott, stiffe and lock-out, go-show, compation of destroties and permiser.

as boycett, strike and lock-out, go-slow, occupation of factories and premises. The Party successfully invoking this Clause is knieled form its duty to perform its obligations under the contract and from any liability in damages or form any other contractual remedy for branch of contract, from the time at which the impediment causes inability to perform, provided that the notice thered is given without delay. If notice thereof is not given without delay, the relief is effective from the time at which notice thereof reaches the other Parky. Where the deletic of the impediment or event invoked is temporary, the above consequences shall apply only as long as the impediment invoked in temporary, the above consequences shall apply only as long as the impediment invoked is enclosed. The Park of the effect of the impediment invoked is aubstantially depriving the contracting Parties of what they were reasonably entitled to expect under the contract, other Parky lises the right to entitiate the contract by production what the texture beneficities terminated by either Party if the duration of the impediment available.

18.1The Parties are bound to perform their contractual duties even if events have rendered performance more onerous than could reasonably have been anticipated at the time of the conclusion of the contract.

(a) the continued performance of its contractual duties has become excessively onerous due to an event beyond its reasonable control which it could not reasonably have been expected to have taken into account at the time of the conclusion of the contract; and that

(b) it could not reasonably have avoided or overcome the event or its consequences, the Parties are bound, within a reasonable time of the invocation of this Clause, to negotiate alternative contractual terms which reasonably allow to overcome the consequences of the event.

ere Clause 18.2 applies, but where the Parties have been unable to agree alternative contractual terms as wided in that paragraph, the Party invoking this Clause is entitled to terminate the contract, but cannot uest adaptation by the judge or arbitrator without the agreement of the other Party.

All amendments and supplements must be in writing in order to be effective. This also applies to amendments and supplements to this clause 17.1.

Should one or several of the provisions under the contract and/or these terms and conditions be or become ineffective, the contracting parties shall replace the invalid provision with a legally valid provision that comes closes to the contract of the invalid provision in legal and commercial terms.

Unless otherwise stipulated in the contract, the governing law of the contract and these terms and conditions shall be chosen following the rules as below: if TÜV Rheinland in question is legally registered and existing in the People's Republic of China, the contracting parties hereby agree that the contract and these terms and conditions shall be governed by the laws of the People's Republic of China.

b) if TÜV Rheinland in question is legally registered and existing in Taiwan, the contracting parties hereby agree that the contract and these terms and conditions shall be governed by the laws of Taiwan.

if TÜV Rheinland in question is legally registered and existing in Hong Kong, the contracting parties hereby agree that the contract and these terms and conditions shall be governed by the laws of Hong

Any dispute in connection with the contract and these terms and conditions or the execution thereof shall be settled friendly through negotiations.

ass otherwise stipulated in the contract, if no settlement or no agreement in respect of the extension of the negotiation period can be reached within two months of the arising of the dispute, the dispute shall be submitted: in the case of TOV Rheintand in question being legally registered and existing in the Recycle's Republic Orine, to China International Economic and Trade Arbitration Commission (CIETAC) to be estited by arbitration under the Arbitration Rukes of CIETAC in force when the arbitration is submitted. The arbitration shall take place in Beijing, Shanghai, Shenzhen or Chongsing as appropriately chosen by the claiming party.

in the case of TÜV Rheinland in question being legally registered and existing in Taiwan, to Chinese Arbitration Association, Taipei to be arbitrated in accordance with its then current Rules of Arbitration. The arbitration shall take place in Taipei.

the case of TÜV Rehinand being legally registered and existing in Hong Kong, to Hong Kong mational Arbitration Centre (HKIAC) to be settled by arbitration under the HKIAC Administered pitration Rules in force when the Notice of Arbitration is submitted in accordance with these rules. The itration shall take lace in Hong Kong.

The decision of the relevant arbitration tribunal shall be final and binding on both parties. The arbitration fee shall be borne by the losing party.

18.2. Notwithstanding paragraph 1 of this Clause, where a Party proves that:

rtial invalidity, written form, place of jurisdiction and dispute resolution