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Client: YUYAO AOGUANG LIGHTING ELECTRICAL APPLIANCE CO.,LTD

Contact Information: XIASHAFAN MAZHU TOWN, YUYAO CITY, Zhejiang, P.R. China

Identification/solar lightModel No(s):AG-SW5-500

Condition at delivery: Test item complete and undamaged.

Sample Receiving date:2023-09-13, 2023-10-07Testing Period:2023-09-13 to 2023-10-08Place of testing:Chemical laboratory Ningbo

Test Specification: Test result:

Customer's requirement:

According to RoHS (recast): Restriction of the Use of Certain Hazardous
 Substances in Electrical and Electronic Equipment, 2011/65/EU Annex II and its amendment.

### Other information:

Reference Model No.: AG-SW1-1000, AG-SW3-1000, AG-SW3-1600

For and on behalf of

Date

TÜV Rheinland/CCIC (Ningbo) Co., Ltd.

2023-10-11 Lynn Xu / Senior Project Manager

Name/Position

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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**Material List:** 

solar light Item:

AG-SW5-500

Material No.	Material	Color	Location
B001	Plastic	black	refer to photo
B002	Plastic	black	refer to photo
B003	Plastic	black	refer to photo
B004	Plastic	white	refer to photo
B005	Metal + coating	white	refer to photo
B006	Solder	silver	refer to photo
B007	Plastic	black	refer to photo
B008	Plastic	dark grey	refer to photo
B009	Plastic	black	refer to photo
B010	Rubber	black	refer to photo
B011	Metal	silver	refer to photo
B012	Metal	silver	refer to photo
B013	Rubber	black	refer to photo
B014	Plastic	blue	refer to photo
B015	Metal	silver	refer to photo
B016	Plastic	yellow	refer to photo
B017	Plastic	black	refer to photo
B018	Plastic	red	refer to photo
B019	Plastic	brown	refer to photo
B020	Plastic	black	refer to photo
B021	Metal	silver	refer to photo
B022	Solder	silver	refer to photo
B023	PCB board	green-cyan	refer to photo
B024	Electronic components	silver	refer to photo
B025	Solder	silver	refer to photo
B026	Metal	silver	refer to photo
B027	Metal	silver	refer to photo
B028	Metal	silver	refer to photo



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B029	Glue	black	refer to photo
B030	Electronic components	black	refer to photo
B031	Plastic black		refer to photo
B032-1	Solder	silver	retest sample refer to photo
B033	PCB board	PCB board black refer to photo	
C001	Plastic white refer to photo		refer to photo
C002	Plastic	white	refer to photo



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## 1.Screening Test by XRF spectroscopy

Test Method: Cadmium, Lead, Mercury, Chromium, Bromine

-- With reference to IEC 62321-3-1:2013

## **Test Result:**

Material No.	Cd	Cr	Pb	Hg	Br
B001	BL	BL	BL	BL	BL
B002	BL	BL	BL	BL	d.(*1)
B003	BL	BL	BL	BL	d.(*1)
B004	BL	BL	BL	BL	BL
B005	BL	BL	BL	BL	n.a.
B006	BL	BL	BL	BL	n.a.
B007	BL	BL	BL	BL	d.(*1)
B008	BL	BL	BL	BL	d.(*1)
B009	BL	BL	BL	BL	BL
B010	BL	BL	BL	BL	BL
B011	BL	d.(*1)	BL	BL	n.a.
B012	BL	BL	BL	BL	n.a.
B013	BL	BL	BL	BL	BL
B014	BL	BL	BL	BL	BL
B015	BL	BL	BL	BL	n.a.
B016	BL	BL	BL	BL	BL
B017	BL	BL	BL	BL	BL
B018	BL	BL	BL	BL	BL
B019	BL	BL	BL	BL	BL
B020	BL	BL	BL	BL	BL
B021	BL	BL	BL	BL	n.a.
B022	BL	BL	BL	BL	n.a.
B023	BL	BL	BL	BL	d.(*1)
B024	BL	BL	d.(*1)	BL	BL
B025	BL	BL	BL	BL	n.a.
B026	BL	BL	BL	BL	n.a.
B027	BL	BL	BL	BL	n.a.
B028	BL	BL	BL	BL	n.a.
B029	BL	BL	BL	BL	BL
B030	BL	BL	BL	BL	BL
B031	BL	BL	BL	BL	d.(*1)
B033	BL	BL	BL	BL	d.(*1)
C001	BL	BL	BL	BL	BL
C002	BL	BL	BL	BL	BL
B032-1	BL	BL	BL	BL	n.a.



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Abbreviation: Pb = Lead

Cd Cadmium = Ha Mercurv Chromium Cr **Bromine** Br Not appliable n.a. Below limit BL Over limit OL Detected d.

## Remark:

- (\*1) The screening result was detected in the inconclusive region or over limits, thus the further wet chemistry tests are suggested.
- (\*2) Component(s)/ materials(s) with an area of less than 2 mm x 2 mm will not be selected for testing according to RoHS Directive 2011/65/EU due to technical reason. For the test sample does not have detail materials information provided by client, visually identical materials (e.g. wire insulation, solder points, etc.) will be considered as the same material. Solder points on a printing circuit board will be examined several times based on optical anomalies or discoloration of the solder point(s) unless the solder point(s) is obviously generated automatically during production.
  - All other materials will be sampled and tested at one test point representatively.
- (\*3) The Chromium (Cr) and Bromine (Br) in the above result table indicate the total chromium and total bromine by means of XRF screening. PBBs, or PBDEs content shall be further confirmed with reference to IEC 62321-6:2015. Chromium (VI) shall be further confirmed with reference to IEC 62321-7-1:2015, IEC 62321-7-2:2017 or EN ISO 17075-1:2017.

### XRF Screening limits for different matrices :

	Concentration (%)						
Material	Cd	Cr	Pb	Hg	Br		
Polymeric	BL≤0.006 <x<0.014≤ OL</x<0.014≤ 	BL≤0.064 <x< th=""><th>BL≤0.067<x<0.133≤ OL</x<0.133≤ </th><th>BL≤0.066<x< 0.134≤OL</x< </th><th>BL≤0.029<x< th=""></x<></th></x<>	BL≤0.067 <x<0.133≤ OL</x<0.133≤ 	BL≤0.066 <x< 0.134≤OL</x< 	BL≤0.029 <x< th=""></x<>		
Metallic	BL≤0.006 <x<0.014≤ OL</x<0.014≤ 	BL≤0.064 <x< th=""><th>BL≤0.067<x<0.133≤ OL</x<0.133≤ </th><th>BL≤0.066<x< 0.134≤OL</x< </th><th>n.a.</th></x<>	BL≤0.067 <x<0.133≤ OL</x<0.133≤ 	BL≤0.066 <x< 0.134≤OL</x< 	n.a.		
Composite materials	BL≤0.004 <x<0.016≤ OL</x<0.016≤ 	BL≤0.044 <x< th=""><th>BL≤0.047<x<0.153≤ OL</x<0.153≤ </th><th>BL≤0.046<x< 0.154≤OL</x< </th><th>BL≤0.024<x< th=""></x<></th></x<>	BL≤0.047 <x<0.153≤ OL</x<0.153≤ 	BL≤0.046 <x< 0.154≤OL</x< 	BL≤0.024 <x< th=""></x<>		

Remark: The symbol "X" marks the region where further investigation is necessary.

	Cd	Cr(VI)	Pb	Hg	PBBs	PBDEs
Maximum permissible Limit (%)	0.01	0.1	0.1	0.1	0.1	0.1



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# 2.Cadmium, Lead, Chromium (VI), Mercury, Polybrominated biphenyls (PBB) and Polybrominated diphenyl ethers (PBDE)

Test Method: Total Cadmium, Lead, Mercury, Chromium

- Ref. to IEC 62321-4:2013+AMD1:2017 and IEC 62321-5:2013

Chromium (VI)

- For Metal material - Ref. to IEC 62321-7-1:2015

- For Polymer, Electronic material or others materials - Ref. to IEC 62321-7-2:2017

PBBs, PBDEs - Ref. to IEC 62321-6:2015

### **Test Result:**

	Cd	Cr(VI)	Pb	Hg	PBBs	PBDEs
Maximum Permissible Limit (%)	0.01	0.1	0.1	0.1	0.1	0.1

	(%)					
Material No.	Cd	Cr^	Pb	Hg	PBBs	PBDEs
Waterial NO.			RL (	%)		
	0.001	0.001	0.001	0.001	0.01	0.01
B002	n.a.	n.a.	n.a.	n.a.	< RL	< RL
B003	n.a.	n.a.	n.a.	n.a.	< RL	< RL
B007	n.a.	n.a.	n.a.	n.a.	< RL	< RL
B008	n.a.	n.a.	n.a.	n.a.	< RL	< RL
B023	n.a.	n.a.	n.a.	n.a.	< RL	< RL
B024	n.a.	n.a.	0.049	n.a.	n.a.	n.a.
B031	n.a.	n.a.	n.a.	n.a.	< RL	< RL
B033	n.a.	n.a.	n.a.	n.a.	< RL	< RL

	Chromium VI content for metal materials (µg/cm²)			
Material No.	(*1)			
	RL: 0.10 μg/cm²			
B011	Negative			

Abbreviation: Pb = Lead

Cd = Cadmium
Hg = Mercury
Cr = Chromium
Cr (VI) = Chromium (VI)

PBBs = Total Polybrominated Biphenyls PBDEs = Total Polybrominated Diphenyl Ethers

< = Less than RL = Reporting Limit n.a. = Not Applicable

^ = The total Chromium have been determined

% = Percentage



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## Remark:

(\*1) The Chromium (VI) content of metal sample in surface layer have been confirmed with reference to IEC 62321-7-1:2015 Annex.

	Chromium (VI) concentration	Qualitative result
Negative	<0.1μg/cm²	The sample is negative (-ve) for Cr(VI). The Cr(VI) concentration is below the limit of quantification. The coating is considered a non-Cr(VI) based coating
Inconclusive	≥0.1µg/cm² and ≤0.13 µg/cm²	The result is considered to be inconclusive. Unavoidable coating variations may influence the determination. Recommendation: if additional samples are available, perform a total of 3 trials to increase sampling surface area. Use the averaged result of the 3 trails for the final determination.
Positive	>0.13 μg/cm²	The sample is positive (+ve) for Cr(VI). Concentration is above the limit of quantification and the statistical margin of error. The sample coating is considered to contain Cr(VI).



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## 3. BBP, DBP, DEHP, DIBP content

Test Method: ref. to IEC 62321-8:2017

## **Test Result:**

	BBP	DBP	DEHP	DIBP
Maximum permissible Limit (%)	0.1	0.1	0.1	0.1

		(%)					
Test No.		BBP	DBP	DEHP	DIBP		
	Material No.	RL (%)					
		0.005	0.005	0.005	0.005		
T001	B001 + B002 + B003 + B004 + B007	< RL	< RL	< RL	< RL		
T002	B008 + B009 + B023 + B033 + B020	< RL	< RL	< RL	< RL		
T003	B010 + B014 + B016 + B017 + B018	< RL	< RL	< RL	< RL		
T004	B013 + B029	< RL	< RL	< RL	< RL		
T005	B019 + B031	< RL	< RL	< RL	< RL		
T006	C001 + C002	< RL	< RL	< RL	< RL		

Abbreviation: BBP=

BBP= Benzylbutyl phthalate DBP= Dibutyl phthalate

DEHP= Bis(2-ethylhexyl) phthalate

DIBP= Diisobutyl phthalate

< = less than

RL = Reporting Limit %= percentage

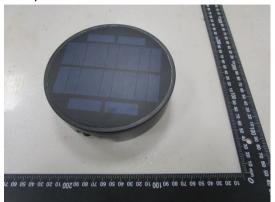
## Remark:

\* The maximum permissible limit is required from the amendment (EU) 2015/863 of RoHS Directive 2011/65/EU.



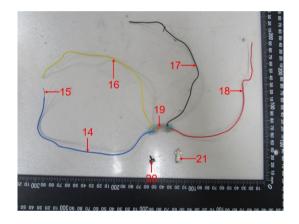
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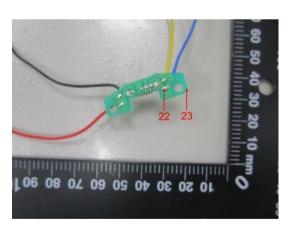
## Sample Photos

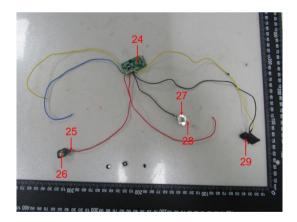








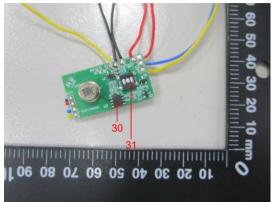


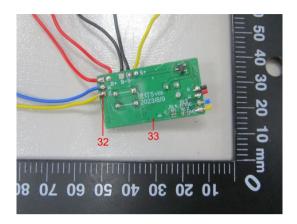


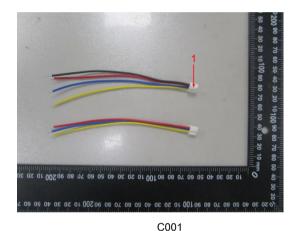


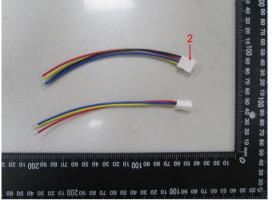
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## Sample Photos









C002



## General Terms and Conditions of Business of TÜV Rheinland in Greater China

Scope
These General Terms and Conditions of Business of TÜV Rhenland in Greater China ("CTCB") is made between the client and one or more member entities of TÜV Rhenland. In Greater China as applicable as the case may be ("TÜV Rhenland"). The Greater China here fere first Inhalland China, Hong Kong and Taiwan. The client hereof Includes:

a natural person capable to form legsly briding contracts under the applicable laws who concludes the contract not for the purpose of a daily use.

The contract not for the purpose of a daily use.

The blowing terms and conditions apply to agreed services including consultancy services, information, delevers and similar services as well as an actifically services and other secondary information, delevers and similar services as well as an actifically services and other secondary services are considered to the client of any nature shall not apply and shall hereby be expressly excluded. No standard contractal terms and conditions of the client of any nature shall not apply and shall hereby be expressly exclude. No standard contractal terms and conditions of the client all form part of the contract even if TÜV Rheinland does not explicitly object to them.

In the contact of an ongoing business reliativiship with the client, this CTCB shall also apply to individual case.

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 effect and duration of contracts

The contract shall once his offect for the agreed terms upon the quotation letter of TUV Rheinland or a separate contractual document being signed by both contracting parties, or upon the works requested by the client being care their parties of the contracting parties, or upon the works requested by the client being care in the parties of the contraction of the c

3.3

### Scope of services

Scope of services

The scope and type of the services to be provided by TUV. Rhankand shall be specified in the contractually agreed services scope of TUV Rhankand exists, then the written confirmation of code by TUV. Rhankand shall be some scope of TUV Rhankand exists, then the written confirmation of order by TUV Rhankand shall be decisive for the service to be provided. Unless otherwise agreed, services beyond the scope of the translation of such that the service description, as well as the intended use and application of such) are not owned. In particular, no responsibility is assumed for the design services of the service description, as well as the intended use and application of such) are not resided use of an examined part, product, process or plant. The agreed services shall be performed in compliance with the regulations in force at the time the contract is enterined stilled to determine, in at so de describent, the method and nature of the assessment unless otherwise agreed in writing or if mendatory provisions require a specific procedure to be followed; the service of the workly and working order of either tested or examined parts nor of the installation as some with and supplication in accordance with regulations, unless these questions are expressed yourself or the workly and working order of either tested or examined parts nor of the installation is shorted and its upstream and/or downstream processes, organisations, use and application in accordance with regulations, unless these questions are expressly covered by the contract.

4.3

particular, TÜV Rheinland hall assume no responsibility for the construction, selection of materials and assentity of installations examined, not be there used an application in accordance with regulations, unless these questions are expressly covered by the occurrance of the control of the case of the properties of the control of the case of the control of the control of the case of the ca

5.1 5.2

5.3

Performance periods/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 confirmed as binding by TUR Perheland in writing, das hall not commence until the Internal Periods of the provided by the periods of the provided by the client. They shall not commence to TUR Perhelands.

Articles 5.1 and 5.2 also apply, even whole vegrees approval by the client, to all extensions of agreed periods/dates of performance not caused by TUR Perhelands.

Articles 5.1 and 5.2 also apply, even whole vegrees approval by the client, to all extensions of agreed periods/dates of performance not caused by TUR Perhelands are interested to the comment of the periods of the period of the periods of the perio

bite the client to comply with the legal and/or officially prescribed deadlines. TOV Rheinland urnes no responsibility in this respect unless TÜV Rheinland expressly agreed in writing clically stating that ensuring the deadlines is the contractual obligation of TÜV Rheinland.

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.

provided in good time and at no cost to TUV Rheinland.

Bedgin document, applies, suality at the c. recessary for performance of the services shall be bedgin document, applies, analysis, at the c. recessary for performance of the services shall be bedgin of the common of the client must be undertaken in accordance with legic provisions, standards, safety regulations and accident prevention instructions. And the client represents and warrants that:

a) It has required statistically qualifications;
b) the product, service or management system to be certified complies with (in the common of the commo

Prices

If the scope of performance is not laid down in writing when the order is placed, invoicing shall be based on costs actually incurred. If no price is agreed in writing, invoicing shall be made in accordance with the price is sto TUV Rheinland valid at the time of performance. Unless otherwise agreed, work shall be invoiced according to the progress of the work.

Unless otherwise agreed, work shall be invoiced according to the progress of the work. If the execution of an order decides over more than one month and the value of the contract or the agreed fased price exceeds C2,200.00 or equivalent value in local currency, TUV Rheinland may demand payments on account or in establishments.

7.2 7.3

### Payment terms

invoice amounts shall be due for payment within 20 days of the invoice date without deduction receipt of the micros. No discounts and receipts of the micros. No discounts and receipts of the micros and client microse and client microse. If VID (President data) be microsed and to the microse and client microse. If VID (President data) be microsed to client feeding the second to the microsed to the m

untry where TDV Rheirland is located. At the same sure, ILV international manufacture damages, outsit the client default in payment of the invoice despite being granted a reasonable grace rout TDV Rheinland shall be entitled to cancel the contract, withdraw the certificate, claim regies for non-performance and relates to continue performance of the contract, under the contract of the contract.

Season of payment, commencement of insolvency proceedings against the claim's assets or see in which the commencement of insolvency proceedings has been dismissed due to lock of

assets.

Objections to the invoices of TÜV Rheinland shall be submitted in writing within two weeks of receipt of the invoice.

TÜV Rheinland shall be entitled to demand appropriate advance payments.

TÜV Rheinland shall be entitled to raise its fees at the beginning of a month if overheads and/or purchase costs have increased. In this case, TÜV Rheinland shall notify the client in writing of the shall come into feel to purchase or contractive and the shall come into feel (priend of notice of changes in fees). Then their lines remains under 5% per contractual year, the client shall not have the right to terminate the contract. If the rise in fees exceeds 5% per contractual year, the client shall be entitled to terminate the contract. If the rise in fees exceeds 5% per contractual year, the client shall be entitled to terminate the contract by the end of the period of notice of changes in fees. If the contract is not terminated, the changed fees shall be deemed to have been agreed upon by the time of the expiry of the notice period.

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 client including but not limited to setoff against any fees paid by the client under any contracts, agreement and/or orders/quotations reached with TÜV Rheinland.

9.1

Any part of the work result ordered which is complete in itself may be presented by TUV Rheinland for acceptance as an installment. The client shall be obliged to accept it immediately. The client shall be obliged to accept it immediately. The client shall be obliged to accept it immediately. The client is not client shall be obliged to accept the client shall be acceptance within this period stating at least one furnimental breach of contract by TUV Rheinland. The client is not entitled to breaks exceptance due to inspirificant breach of contract by TUV. 9.2 9.3

9.4

The client is not entitled to instale acceptance due to insignment orderen or curieux by Livi Proheistand.

In excluded according to the nature of the work performance of TÜV Rheinland, the completion of the work shall take its place.

During the Follow-Audit stage, if the client was unable to make use of the time windows provided for within the scope of a certification procedure for auditing/performance by TÜV Rheinland and the certificate is therefore to be withdrawn (e.g. performance of surveitance subsky) or if the client Rheinland is entitled to immediately charge a lump-sum compensation of 10% of the order amount as compensation for expenses. The client reserves the right to prove that the TÜV Rheinland has incurred no damage witatiosever or only a considerably lower damage than the above turns sum. Insolder as the client has undertaken in the contract to score services. TÜV Rheinland shall also be for expenses if the service is not called within one year after the order has been placed. The client reserves the right to prove that the TÜV Rheinland has incurred no damage whatsoever or only a considerably lower damage than the above mentioned lump sum. 9.5

9.6

10.1 10.2

Confidentiality

For the purpose of these terms and conditions, "confidential information" means all know-how, trade secrets, documents, images, drawings, expertise, information, data, test results, reports, samples, reported, coursents, principa of the condition of the conditi

documentation purposes required by laws, regulations and the requirements of working procedures of TUP Rheinland. From the start of the contract and for a period of three years after termination or expiry of the contract, the receiving party shall maintain strict secrecy of all confidential information and shall not disclose this information to any thirt parties or use if for itself.

### Copyrights and rights of use, publications

TÜV Rheinland shall retain all exclusive copyrights in the reports, expert reports/opinions, test reports/results, results, caciutations, presentations etc. prepared by TÜV Rheinland, unless otherwise agreed by the parties in a separate agreement. As the owner of the copyrights, TÜV Rheinland is free to grant others the right to use the work results for individual or all types of use

11.2

11.3 11.4

otherwise agreed by the parties in a sequence of the contraction of the contract of the contra

### Liability of TÜV Rheinland

Liability of TÜV Rheinland irrespective of the legal basis, to the fullest extent permitted by applicable law, in the event of a breach of contractan obligations or bot, the faibility of TÜV Rheinland for all damages, losses and shall be initied to. (i) in the case of a contract win a fixed overall fee, three times the overall fee for the entire contract. (ii) in the case of a contract or that seed overall fee, three times the overall fee for the entire contract. (ii) in the case of a contract or the service of the entire contract has a fixed or the entire contract. (ii) in the case of a contract expressly charged on a time and related basis, a maximum of that provides for the possibility of placing individual orders, three times of the fee for the individual order under which the damages or losses have occurred. Note this damage above, in the event that the botal and accumitated liability circulated according to the Norpelin provisions neceeds 2.5 or that the botal and accumitated liability circulated according to the Norpelin provisions neceeds 2.5 or the necessary of the necessary of the necessary of the Norpelin provisions necessary. The initiation of liability according to intrice 12th above, and in on apply to damage and/or losses. The initiation of liability according to intrice 12th above, all or dayly to damage and/or losses. In cases involving a fundamental breach of contract, TÜV Rheinland will be liable even where minor negligence is involved. For this purpose for a person deepend in the provision of the circumstances described in article damages for a fundamental breach of contract shall be limited to the amount of damages reasonably foreseeable damages), release any of the circumstances described in article 10V Rheinland will be liable by the cleant of the data of the personnel made available by the cleant of the circumstances described in article 10V Rheinland will be the contract of the circumstances described in article 10V Rheinland will be the contract of the circumstances described in articl

breach (reasonably foreseeable damages), urless any of the circumsuress beaution in the 122 agplies.

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Unless otherwise contractually agreed in writing, TÜV Rheinland shall only be liable under the contract to the clent.

The limitation periods for claims for damages shall be based on statutory provisions. None of the provisions of this article 12 changes the burden of proof to the disadvantage of the client. 12.6 12.7

### Export control

12.2

When passing on the services provided by TÜV Rheinland or parts thereof to third parties in Greater China or other regions, the client must comply with the respectively applicable regulations of national 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, TÜV Rheinland shall be entitled to terminate the contract with immediate effect and the client shall compensate for the losses incured thereof by TÜV Rheinland.

Data protection notice

The client understands and agrees that TIV Rheinland processes personal data (including but not have a controlled to the control of the client understands and agrees that TIV Rheinland processes personal data (including but not have been also also as a controlled to the client controlled to the client controlled to the client controlled to the controlled to the client controlled to the controlled to the client controlled to the contro

### Retention of test material and documentation

15.3

Retention of test material and documentation.

The test samples southhelds by the cent to TÜV Rheinland for testing will be scrapped following testing or will be returned to the client at the client's openies. The only exceptions are test samples, which are placed in storage on the basis of statutory regulations or of another agreement with the client.

If reference samples are stored at the premises of TÜV Rheinland. The cost of placing a test sample for storage with be disclosed to the client in the outstion.

If reference samples or documentations are given to the client to be placed in storage at their premises, the reference samples or concumentations are the made available to TÜV Rheinland of making available the reference samples and/or concentrations are visit to the placed in storage at their premises, the reference samples and/or documentation, any liability claims for material and pecuniary damage resulting from the respective testing and certification bat is brought forward by the client against TÜV Rheinland shall be voloide.

Given the cost of the handower and dispatch of the test samples for storage on the client's premises are costs of the handower and dispatch of the test samples for storage on the client's premises are the costs of the handower and dispatch of the test samples for storage on the client's premises are

15.4 15.5

16.2

Termination of the contract

Notehtstanding clause 3.3 of the GTCB, TUV Rheinland and the clear are entitled to terminate the contract in the entirety of, in the case of services combined in one contract, each of the contract and the clear of the contract individually and independently of the contraction of the remaining services with as (8) morehts rodge to the end of the contraction of the remaining services with as (8) morehts rodge to the end of the contraction of the remaining services with as (8) morehts rodge to the end of the contraction of the contr

entant in escape of a reference of monthing audite). Calculare the above accordingly.

Force Migure

Hardship

The 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

more corrows than could reasonably have been anticipated at the time of the conclusion of the Nobellhatandrop anapagin 1 of this Clause, where a Party proves that:

(ii) the continued performance of its contradual duties has become excessively orenous due to an event beyond in seasonable control which it could not reasonably have been expected to (b) it could not reasonably have been expected to (b) it could not reasonably have been expected to (c) it could not reasonably have avoided or overcome the event of its consequences, the Parties are bound, within a reasonable time of the invocation of the Clause, to negotiate alternative contractals terms which reasonably allow to overcome the consequences of the event.

Contractals terms a provided in that paragraph, the Party involving the Clause is entitled to terminate the contract, but cannot request adaptation by the judge or arbitrator without the agreement of the other Party.

### Partial invalidity, written form, place of jurisdiction and dispute resolutio

19.2

Partial invalidity, written form, place of jurisdiction and dispute resolution
All amendments and supplements must be in withing in order to be effective. This also applies to
amendments and supplements must be in withing in order to be control to the control of the control o

If TUT Rhenland in question is legally registered and existing in Hosp governed by the laws of beneby agree that the contract and these terms and contracts what the contract and these terms and contracts with the contract and these terms and contracts shall be governed by the laws of brong force.

If TUT Rhenland in question is legally registered and existing in Hosp Kong, the contract and these terms and conditions shall be governed by the laws of brong Kong.

Unless otherwise stipulated in the contract, and hose terms and conditions or the execution thereof shall be settled friendly through negligations.

Unless otherwise stipulated in the contract, if no settlement or no agreement in respect of the the dispose that be submitted:

in the case of TUV Rhenland in question being legally registered and existing in the Popule's Republic of China. to Chran International Economic and Time-Anthention Commission (CETAC) to submitted. The exhibitation shall take place in Belling, Shanghai, Sheruthen or Chonging as appropriately chosen by the claiming pales of the population of the contract of