Test Report - Products



Report No.: 180231933k 001 Page 1 of 11

Client: Lumi United Technology Co., Ltd.

Contact Information: Room 801-804, Building 1, Chongwen Park, Nanshan iPark, No. 3370,

Liuxian Avenue, Fuguang Community, Taoyuan Residential District,

Nanshan District, Shenzhen, China

Identification/ Smart Radiator Thermostat E1

Model No(s): SRTS-A01

Condition at delivery: Test item complete and undamaged.

Sample Receiving date:2022-05-19, 2022-06-02Testing Period:2022-05-19 to 2022-06-14Place 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

For and on behalf of TÜV Rheinland/CCIC (Ningbo) Co., Ltd.

2022-06-14

ynn Xu / Assistant Manager

Date 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:

Smart Radiator Thermostat E1 Item:

SRTS-A01

Material No.	Material	Color	Location
N001	Foam + adhesive	white	refer to photo
N002	Plastic	black	refer to photo
N003	Plastic	transparent	refer to photo
N004	Plastic	transparent	refer to photo
N005	Plastic	transparent	refer to photo
N006	Plastic	grey+whtie	refer to photo
N007	Metal	silver	refer to photo
N008	Plastic	white+blue	refer to photo
N009	Plastic	white	refer to photo
N010	PCB board	black	refer to photo
N011	Metal	silver	refer to photo
N012	Metal	silver	refer to photo
N013	Electronic components	black	refer to photo
N014	Plastic	black	refer to photo
N015	Plastic	white	refer to photo
N016	Metal	silver	refer to photo
N017	Magnet	black	refer to photo
N018	Plastic	white	refer to photo
N019	Plastic	transparent	refer to photo
N020	Glass	black	refer to photo
N021	Metal	silver	refer to photo
N022	Metal	silver	refer to photo
N023	Metal	silver	refer to photo
N024	Plastic	transparent	refer to photo
N025	Plastic	black	refer to photo
N026	Plastic	green	refer to photo
N027	Plastic	white	refer to photo
N028	Metal	golden	refer to photo



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N029	Plastic	black	refer to photo
N030	Metal	silver	refer to photo
N031	Metal	silver	refer to photo
N032	Metal	silver	refer to photo
N033	Metal	silver	refer to photo
N034	Plastic	white	refer to photo
N035	Plastic	white	refer to photo
N036	Metal	copper	refer to photo
N037	Plastic	black	refer to photo
N038	Electronic components	black	refer to photo
N039	PCB board	black	refer to photo
N040	PCB board	black	refer to photo
N041	Solder	silver	refer to photo
N042	Solder	silver	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
N001	BL	BL	BL	BL	BL
N002	BL	BL	BL	BL	BL
N003	BL	BL	BL	BL	BL
N004	BL	BL	BL	BL	BL
N005	BL	BL	BL	BL	BL
N006	BL	BL	BL	BL	BL
N007	BL	BL	BL	BL	n.a.
N008	BL	BL	BL	BL	d.(*1)
N009	BL	BL	BL	BL	BL
N010	BL	BL	BL	BL	d.(*1)
N011	BL	BL	BL	BL	n.a.
N012	BL	BL	BL	BL	n.a.
N013	BL	BL	BL	BL	BL
N014	BL	BL	BL	BL	BL
N015	BL	BL	BL	BL	BL
N016	BL	BL	BL	BL	n.a.
N017	BL	BL	BL	BL	n.a.
N018	BL	BL	BL	BL	BL
N019	BL	BL	BL	BL	BL
N020	BL	BL	BL	BL	n.a.
N021	BL	BL	BL	BL	n.a.
N022	BL	d.(*1)	BL	BL	n.a.
N023	BL	d.(*1)	BL	BL	n.a.
N024	BL	BL	BL	BL	BL
N025	BL	BL	BL	BL	BL
N026	BL	BL	BL	BL	BL
N027	BL	BL	BL	BL	BL
N028	BL	BL	d.(*1)	BL	n.a.
N029	BL	BL	BL	BL	BL
N030	BL	d.(*1)	BL	BL	n.a.
N031	BL	BL	BL	BL	n.a.
N032	BL	BL	BL	BL	n.a.
N033	BL	d.(*1)	BL	BL	n.a.
N034	BL	BL	BL	BL	BL
N035	BL	BL	BL	BL	BL
N036	BL	BL	BL	BL	n.a.
N037	BL	BL	BL	BL	d.(*1)



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N038	BL	BL	BL	BL	BL
N039	BL	BL	BL	BL	d.(*1)
N040	BL	BL	BL	BL	d.(*1)
N041	BL	BL	BL	BL	n.a.
N042	BL	BL	BL	BL	n.a.

Abbreviation: Pb = Lead

Cd = Cadmium Hg = Mercury Cr = Chromium Br **Bromine** 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.

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.



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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 Plastic or Electronic material - Ref. to IEC 62321-7-2:2017

- For Leather material - Ref. to EN ISO 17075-1:2017

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 (*)
Wateriai NO.			RL (%)		
	0.001	0.001	0.001	0.001	0.01	0.01
N008	n.a.	n.a.	n.a.	n.a.	< RL	< RL
N010	n.a.	n.a.	n.a.	n.a.	< RL	< RL
N028	n.a.	n.a.	1.36 (*2)	n.a.	n.a.	n.a.
N037	n.a.	n.a.	n.a.	n.a.	< RL	< RL
N039	n.a.	n.a.	n.a.	n.a.	< RL	< RL
N040	n.a.	n.a.	n.a.	n.a.	< RL	< RL

Material No.	Hexavalent Chromium Content (μg/cm²) (*1) RL: 0.10 μg/cm²
N022	Negative
N023	Negative
N030	Negative
N033	Negative



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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

Remark:

(*) The reporting limit for each individual PBBs and individual PBDEs are :

Reporting Limit (%)				
	Bromobiphenyl	0.01		
	Dibromobiphenyl	0.01		
	Tribromobiphenyl	0.01		
	Tetrabromobiphenyl	0.01		
PBBs	Pentabromobiphenyl	0.01		
	Hexabromobiphenyl	0.01		
	Heptabromobiphenly	0.01		
	Octabromobiphenyl	0.01		
	Nonabromobiphenyl	0.01		
	Decabromobiphenyl	0.01		
	Bromodiphenylether	0.01		
	Dibromodiphenyl ether	0.01		
	Tribromodiphenyl ether	0.01		
	Tetrabromodiphenyl ether	0.01		
PBDEs	Pentabromodiphenyl ether	0.01		
	Hexabromodiphenyl ether	0.01		
	Heptabromodiphenyl ether	0.01		
	Octabromodiphenyl ether	0.01		
	Nonabromodiphenyl ether	0.01		
	Decabromodiphenyl ether	0.01		



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(*1) The total chromium content in Metal sample was found to be exceeded the maximum permissible limit (0.1%). Thus, the Chromium (VI) content 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).

(*2) According to Annex III of directive 2011/65/EU, Lead as an alloying element in copper alloy containing up to 4 % lead by weight.



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3. BBP, DBP, DEHP, DIBP content

Test Method: IEC 62321-8:2017

Test Result:

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

		(%)						
Took No.	Material No.	BBP	DBP	DEHP	DIBP			
Test No.	wateriai No.		RL (%)					
		0.005	0.005	0.005	0.005			
T001	N002 + N003 + N004 + N005 + N006	< RL	< RL	< RL	< RL			
T002	N014 + N015 + N026 + N027 + N024	< RL	< RL	< RL	< RL			
T003	N010 + N029 + N034 + N035 + N037	< RL	< RL	< RL	< RL			
T004	N018 + N019 + N039 + N040	< RL	< RL	< RL	< RL			
T005	N001 + N008 + N025	< RL	< RL	< RL	< RL			
T006	N009	< RL	< RL	< RL	< RL			

Abbreviation: BBP= Benzylbutyl phthalate

DBP= Dibutyl phthalate

DEHP= Bis(2-ethylhexyl) phthalate

DIBP= Diisobutyl phthalate

< = less than

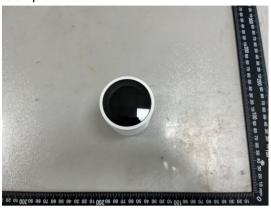
RL = Reporting Limit N.A. = Not Applicable

%= percentage

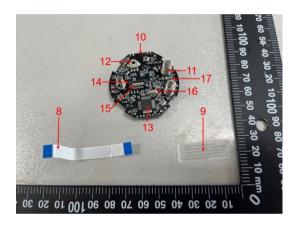


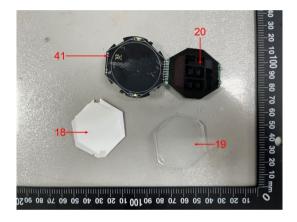
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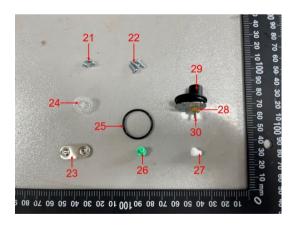
Sample Photos

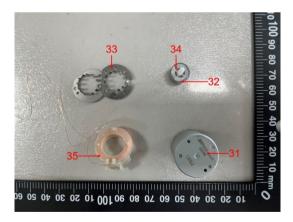










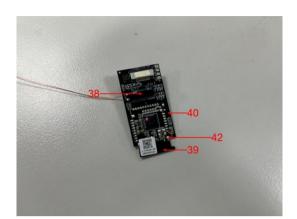




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Sample Photos







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

These General Terms and Condisions of Business of TÜV Rheinland in Greater China ("CTCE") is made between the client and one or more member entitles of TÜV Rheinland in Terter State ("CTCE") is made between the client and one or more member entitles of TÜV Rheinland in Terter State ("China hered" China hered refers to Mainland China. Hong Kong and Talwan. The client hereof includes ("China hered") concludes the contract of the repulse of a day laws. (In a natural person capable to form legally binding contracts under the applicable laws who concludes the contract not for the purpose of a day laws ("China hered") contracts and capable to form legally binding contracts under the applicable law. The following terms and conditions apply to agreed services including consultancy services, information, deliveries and similar services as well as a molitary services and other secondary challenges are contained to the contract performance.

coagainors provided within the scope of contract performance.

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 TU Rheinland does not explicitly object to them. A shall slot apply to future contracts with the client without TUV Rheinland having to refer to them separately in each individual care.

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.

The contract shall come into effect for the agreed terms upon the quotation letter of TDV. Rheinland or a separate contractual document being signed by both contracting parties, or upon the works requested by the client being carried out by TDV. Rheinland. If the client instructs TDV Rheinland without receiving a quotation from TDV. Rheinland, quotation, TDV. Rheinland is, in its sole discretion, entitled to accept the order by giving written notice of such acceptance (including notice sent with electronic means) or by performing the requested productions of the contraction of the contract

services.
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 three-month notice prior to the end of the contractual term.

Scope of services

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 by both parties. If no such separate service scope of TÜV Rheinland of shall be decisive for the service to be provided. Unless otherwise agreed, services beyond the scope of the service description (e.g. checking the correctness and functionality of parts, products, processes, installations, organizations not listed in the service description, as well as the intended use and application of such jar are on even the particular, or responsibility is assumed for the design, electrion of materials, construction or intended use of an examined The appends are the product of the service services the is operated system in the order. The appends care the formation of the contract is entered into.

TÜV Rheinland is entitled to determine, in its soed descreten, the method and nature of the assessment unless otherwise agreed in writing or if mandatory provisions require a specific procedure to be followed.

TOV Rheinland is entitled to determine, in it is now assessment unless otherwise agreed in writing of it mandatory provisions require a specific procedure to be followed.

The provision of the provision of the provision of the provision of any gusrantee of the Correctness (proving plant of the provision of the accuracy or the accuracy or

in accordance with regulations, unless these questions are expressly covered by the contract. In the case of impection work. TVV Rehelland shall not be responsible for the accuracy or checking of the safety programmes or safety regulations on which the inspections are based, unless otherwise expressly agreed in writing.

If mandatory legal regulations and standards or official requirements for the agreed service scope change after conclusion of the contract, which a written notice to the client, TVV Rehelland shall be entitled to additional remuneration for resulting additional expenses. The services to be provided by TVV Rehelland shall be entitled to additional remuneration for resulting additional expenses. The services to be provided by TVV Rehelland under the contract or agreed exclusively with the client. A contract of third parties with the services of TVV Rehelland, as well as making reports, etc.) is not part of the agreed services. This also applies if the client passes on work results - in full or in extracts - to third parties in accordance with clause 11.4.

5.1

Performance periodicidates
The contractingly agent periodicidates of performance are based on estimates of the work invoked which are prepared in line with the details provided by the client. They shall only be binding if being confirmed as binding by TUV Rheinland in writing.
If binding periodic of performance have been agreed, these periods shall not commence until the client has submitted all required documents to TUV Rheinland.
If binding periodicidates of performance have been agreed, these periodicidates of performance not caused by TUV Rheinland.
If the periodicidates of performance not caused by TUV Rheinland, the client has soft of the contraction of agreed periodicidates of performance not caused by TUV Rheinland is returned to the contraction of tallide the client has not done so in time and, in performance of the service as specified in the contract.

If the performance of TUV Rheinland is delayed due to unforeseeable circumstances such as force majeure, strikes, business disruptions, governmental regulations, transport obstacles, etc., TUV Rheinland is entitled to postpore performance for a reasonable period of time which required to resume performance.

If the client is obliged to comply with legal, officially prescribed and/or by the accreditor prescribed deathles, it is the client's responsibility in this respect unless TUV Rheinland segments of the middle person performance of the winds prescribed deathles, it is the client's postport of the middle person performance of the person performance of the middle person person person of the middle person performance of the middle person performance of the middle person performance of the middle person person

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 $T\bar{U}V$ Rheinland.

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Design documents, supplies, auditing staff, etc. necessary for performance of the services shall be made available free of charge by the client. Moreover, collaborative action of the client must be undertaken in accordance with legal provisions, standards, safety regulations and accident prevention instructions. And the client represents and warrants or

The product, service or management system to be certified complies with applicable laws and regulations; and

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.

If 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 bear 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 cli

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 list of TUV Rheinland valid at the time of performance. Unless otherwise agreed, work shall be invoiced according to the progress of the work. 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. TUV Rheinland may demand payments on account or in installments.

All invoice amounts shall be due for payment within 30 days of the invoice date without deduction on receipt of the invoice. No discounts and rebates shall be granted. Payments shall be made to the bank account of TÜV Rheinland as indicated on the invoice, sating the invoice and client numbers and client numbers and client numbers are entitled to client deduction from the state of the payment of the payment of the country where TÜV Rheinland is located. At the same time, TÜV Rheinland shale he right to claim further damages. Should the client of default in payment of the invoice despite being granted a reasonable grace period, TÜV Rheinland shall be entitled to cancel the contract, which was the certificate, claim damages for new-entimance and related to charge the profession of payment, commencement of insolvency proceedings against the client's assets or cases in which the commencement of insolvency proceedings against the client's assets or cases in which the commencement of insolvency proceedings against the client's assets or cases in which the commencement of insolvency proceedings against the client's assets or cases in which the commencement of insolvency proceedings has been disnisted due to lack of assets. s. ns to the invoices of TÜV Rheinland shall be submitted in writing within two weeks of

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

TÜV Rheinland shall be entitled to demand appropriate advance payments.

TÜV Rheinland shall be entitled to fraise 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 rise in fees. This notification shall be issued one month prior to the date on which the rise in fees shall come into effect (period of notice of changes in fees). If the rise in fees 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 contractual by the vide of the period of notice of changes in fees. If the contract terminate the contractual by the vide of the period of notice of changes in fees. If the contract is the period of notice of changes in fees. If the contract is the period of notice of changes in fees. If the contract is the contract of the period of notice of changes in fees. If the contract is not the period of notice of changes in fees.

Acceptance of work

Any part of the work result ordered which is complete in itself may be presented by $T\bar{U}V$ Rheinland for acceptance as an instalment. The client shall be obliged to accept it

immediately. If acceptance is required or contractually agreed in an individual case, this shall be deemed to have taken place two (2) weeks after completion and handover of the work, unless the client refuses acceptance within this period stating at least one fundmental breach of contract by TIM Publicians. berinland.

ent is not entitled to refuse acceptance due to insignificant breach of contract by TÜV

The client is not entitled to refuse acceptance due to insignificant breach of contract by TUV remeinland.
The control of the

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, project documents, princing and financial information, customer and supplier information, and marketing techniques and materials, techniques and techn

biddle count accreditation bodies or third parties that are involved in the performance of the contract, 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 required.

The protection of the confidentiality than that which is reasonably required. The protection of the confidentiality than that which is reasonably required. The protection of the confidentiality than that which is reasonably required. The protection of the confidentiality than that which is reasonably required. The protection of the confidentiality that the receiving party undertakes to oblige these employees to observe the same level of secretory as set forth in this confidentiality clause. Information for which the receiving party can turnish proof that: It was generably whom at the time of disclosure or has become general knowledge without violation of this confidentiality clause by the receiving party, or which information or of this confidentiality clause by the receiving party or the receiving party can be party developed it itself, irrespective of disclosure by the disclosing party, shail the receiving party or party developed it itself, irrespective of disclosure by the disclosing party, shail the receiving party or disclosure by the disclosing party, shail the receiving party or party developed it itself, irrespective of disclosure by the disclosing party, shail the party of the party of the party of the confidential to the party of the party

10.5 a)

b) c)

the receiving party already possessed this information prior to disclosure by the disclosing party or party or 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 confidential prior to be deemed to constitute "confidential information" as defined in this confidential prior party. The receiving party hereby agrees to immediately (of termal confidential information party, the disclosing party, to destroy all confidential the disclosing party, and/or (i) on request by the disclosing party, to destroy all confidential the disclosing party in writing, at any time if so requested by the disclosing party but at the disclosing party with reflect the disclosing party but at the disclosing party in writing, at any time if so requested by the disclosing party but at the disclosing party with reflect the disclosing party but at the disclosing party but at the disclosing party but at the disclosing party that the disclosing party to writing at any time if so requested by the disclosing party but at the disclosing party but at

10.7

Copyrights and rights of use, publications

11.1

Copyrights and rights of use, publications
TUV Rheinland shall retain all exclusive copyrights in the reports, expert reports/opinions, test
reports/results, results, acclusions, presentations etc. prepared by TUV Rheinland, unless
otherwise agreed by the parties in a separate agreement. As the owner of the copyrights, TUV
use ("right out great test her right to use the work results for individual or all types of
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 reports, expert
the scope of the contract for the contractally agreed purpose.
The transfer of right of use of the generated work results regulated in clause 11.2. of the GTGB
is subject to full geyment of the remunestion agreed in showed TUV Rheinland basis on the
work results in full unless TUV 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
introduction of TUV Rheinland need the prior written approval of TUV Rheinland here
the price of the second results.
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11.6

Liability of TÜV Rheinland

Liability of TÜV Rheinland
Irrespective of the legal basis, to the fullest exent permitted by applicable law, in the event of a
breach of contractual obligations or tort, the liability of TÜV Rheinland for all damages, losses
and reimbursement of expenses caused by TÜV Rheinland, its legal representatives and/or
employees shall be limited bit; (i) in the case of a contract with a faed overall fee, three times
entry the case of a contract expressly charged on a time and
material basis, a maximum of 2000.00 Euro or equivalent amount in local currency, and (vi) in
the case of a framework agreement 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
cocurred. Notwithstanding the above, in the event that the total and accumulated isbellity
calculated according to the foreign provision rescreeds 25 Million Euro or equivalent amount in local currency.
The limitation of labelity according to article 121 above shall not exceed the said 2.5 Million Euro or equivalent amount in local currency.
The limitation of labelity according to article 121 above shall not exceed the said 2.5 Million Euro or equivalent amount in local currency.
The limitation of labelity according to article 121 above shall not apply to damages and
various agents. Such limitation shall not apply to damages for a persons deeth, physical
injury of times.

vicarious agents. Such limitation shall not apply to damages for a person's death, physical injury of illness, and a fundamental breach of context, TVD Rehalend will be liable even where minor negligence is involved. For this purpose, a "fundamental breach" is breach of a material contractual obligation, the performance of which permits the due performance of the contract. Any claim for damages resonably foreseen as a possible consequence of such breach of contract shall be limited to the amount of damages resonably foreseen as a possible consequence of such breach of contract as the contract of the clean.

contract to the client.
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

13.1

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 to 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 embarges and/or with immediate effect and the client shall compensate for the losses incured thereof by TÜV Rheinland.

The elient understands and agrees that TÜV Rheinland processes personal data (including but not limited to personal information) of the client and its related parties (including but not limited to the supplier of the client) for the purpose of fulfilling is contract. The client confirms that it has obtained the prior consent of the data subject, which entities TÜV Rheinland to access, use, or process the personal data that the client collected or processed by itself and data. TÜV Rheinland will use and process the data is accordance with the relevant legal basis. If any personal data has to be disclosed or transferred to any third party or any overseas party outside of the district in which the personal data was collected, the client also confirms that it has obtained the prior consent of the data subject. TÜV Rheinland will care you chose-border associative related to the district in which the personal data was collected, the client also confirms that it has obtained the prior consent of the data subject. TÜV Rheinland will explore the confirmation of the data subject. TÜV Rheinland will subject to the client also confirms that it has obtained the prior consent of the data subject. TÜV Rheinland will subject to the confirmation of the data subject. TÜV Rheinland will subject to the confirmation of the co

Retention of test material and documentation

The test samples submitted by the client to TUV Rheinland for testing will be scrapped following testing or will be returned to the client at the client's expense. The only exceptions are test samples, which are placed in storage on the basis of statutory regulations or of another Charges apply if the test samples are stored at the premises of TUV Rheinland. The cost of placing a test sample into storage will be disclosed to the client in the quotation. It reference samples or documentations are given to the client to be placed in storage at their premises, the reference samples or documentations must be made available to TUV references, the reference samples or documentations are given to the client to be placed in storage at their premises, the reference samples or documentations are given to the client to be placed in storage at their premises, the reference samples or documentation are given to the control of the cont 15.4

16.1

Termination of the contract

Notwithstanding clause 3.3 of the GTCB, TÜV Rheinland and the client are entitled to terminate the contract in its entirely or, in the case of services combined in one contract, each of the combined parts of the contract individually and independently of the continuation of the remaining services with six (6) mortifier notice to the end of the contractually agreed term. The combined is not to the contract of the contraction of the remaining services with six (6) mortifier notice to the end of the contraction agreed term. The combined is not to the contract of the contrac

17.2

withdrawn (for example during the performance of monitoring audis). Clause 16.3 applies accordingly.

Force Majeure

*Terore Nejeure' 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, I and to a party from performing one or more of its contractual obligations under the contract, I and to the contract, and (c) that the effects of the impediment could not reasonably have been coverage and (b) that it conclusion of the contract, and (c) that the effects of the impediment could not reasonably have been overaged to the contract, and (c) that the effects of the impediment could not reasonably have been avoided or overcome by the efficied Party, contract the efficiency of t

18. 18.1.

18.3.

Hardship
The Parlies 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 Notwithstanding paragraph 1 of this Clause, where a Party proves that:

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 continuation of the contract, and that attacked the control of the control of the contract, and that are also make the control of the control

19.3

agreement of the other Party.

Partial invalidity, written form, place of jurisdiction and dispute resolution.

All amendments and supplements must be in writing in order to be effective. This also applies to amendments and supplements to this clause 171.

It also applies to amendments and supplements to this clause 171.

Description of the property of the propert