

Test Report: 0144189209b 001

VOC emission test

For floorings following CDPH/ EHLB/ Standard Method V1.2. California Specification 01350

1. Manufacturer, product and sample identification

Client Information

Client: Zhejiang Hoytech Co.,Ltd.

Liuli Industrial Park, Ganpu Town, Haiyan County, Jiaxing City,

Zhejiang Province, China

City/State/Country: China
Contact name: Chen Youxi
Phone number: 18026262435

Manufacturer Information

Manufacturing company: Zhejiang Hoytech Co., Ltd.

Product name: LOOSE LAY

Product commercial part no.: N/A
Product item no.: N/A

Product category: Vinyl Tile Flooring
Manufacturer ID: TH20180605001
Date manufactured: 2018.06.21
Date collected: 2018.06.21
Date shipped: 2018.06.21

Sample/Specimen Information

Date received: 2018.06.25 Specimen ID (Lab tracking No.): A000763973

Specimen preparation: 2 pieces of specimen of 1.22m by 0.226m were tested with back

and sides sealed by aluminum foil.

Conditioning period start & duration: 2018.07.05, 10 days Test period start & duration: 2018.07.16, 96 hours

Except when otherwise approved / licensed by TÜV Rheinland Hong Kong this test report may only be published and used in unabbreviated original phrasing and form. The test report contains the result of one single examination of the individual test sample and does not represent any universally valid evaluation of the qualities of all products from serial production. Detailed information regarding measurement uncertainty is available in the test lab and could be shown on customer request.



2. Test Methods and conditions

Method

Emission tests are performed following California Department of Public Health Services "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers Version 1.2 - California Specification 01350". The chamber test method is conducted following the guidance of ASTM Standard D 5116-06 and ISO 16000-9:2011.

Conditions

The sample was conditioned for 10 days in the same test chamber where the analysis was performed during 96h. The same conditions during conditioning and test were kept and are described in table 1.

Table 1. Chamber conditions during the 10 days conditioning and 96-h test period

Parameter	Symbol	Units	Value	
Product exposed area	A _c	m ²	0.55	
Chamber Volume	V_c	m^3	1	
Loading factor	L _c	m^2/m^3	0.6	
Air change rate	a_c	h ⁻¹	1.01	
Inlet flow rate	Q	m³/h	1.01	
Area specific flow rate	q_A	m/h	1.8	
Temperature	Т	°C	23 ± 1	
Relative humidity	RH	%	50 ± 5	

VOC and aldehydes active sampling were performed in duplicate by pumping air through respective sorbent just before loading the chamber, then at 24h, 48h and 96 h after initiating the chamber test (without counting the previous 10 days conditioning). Sampling conditions are represented in table 2.

Table 2. Sampling conditions

Sampling conditions	VOC	Aldehydes (C ₁ -C ₆)
Number of sampled tubes	2	2
Sorbent type	Tenax TA	DNPH
Sampling duration	50 min	60 min
Sampling air flow rate	75 mL/min	1.5 L/min
Sampled air volume	3.8 L	90L

The chemical analysis was performed following internal test methods QMA 36.035.538 HKG and QMA 36.035.524HKG for the analysis of respectively aldehydes in DNPH cartridges by HPLC-UV and VOCs/TVOCs in Tenax tubes by TD-GC-MS. These internal tests methods are based on standards BS ISO 16000-3:2011 and ASTM D5116-10.



3. Data Analysis Procedures

3.1 Emission Factors

Emission factors were calculated from chamber concentrations then by using the emission factors the estimated building concentrations were calculated.

Emission factor (EF) in μg/m²/h for a chemical substance in a chamber test is calculated using Equation 1:

$$EF = (Q (C - C_o)) / A_C$$
 (1)

where C is the chamber concentration of the substance ($\mu g/m^3$) and C_o is the corresponding substrate or chamber blank concentration ($\mu g/m^3$). The other parameters are defined in Table 1.

3.2 Estimated Building Concentrations

Building concentrations can be calculated on a case-by-case basis using input parameters for the amount of installed product, the size of the space and the air change rate (or air flow rate) that are specific to the architectural project under consideration.

In order to evaluate and compare products for use in a wide range of building products, concentrations also can be calculated for selected building scenarios. Building concentrations are estimated based on the measured VOC emission factors, the amount of material to be installed in the building and flow rate of outside air used for ventilation. Steady state conditions with respect to emission rates and building ventilation shall be assumed in making the prediction. Additional assumptions are zero outdoor concentrations, perfect mixing within the building and no net losses of VOC from air due to other effects such as irreversible or net sorption on surfaces (i.e., net sink effects) and chemical reactions. The projected surface area of installed flooring and the building parameters to be used in the calculation of estimated VOC concentrations are established for a school classroom and an office and have been described in table 3.

Table 3. The projected surface area of installed flooring and the building parameters to be used in the calculation of estimated VOC concentrations

Scenario	Outdoor ventilation air (m³/h)	Exposed flooring sur- face area (m²)	Area specific air flow rate (m/h)
Standard School Classroom	191	89.2	2.14
Private Office	20.7	11.1	1.86

The estimated building concentration, C_{Bi} ($\mu g/m^3$), of a target VOC is calculated using equation 2.

$$C_{Bi} = (EF \times A_B) / Q_B = EF / (Q_B / A_B) = EF / q_A$$
(2)

The area specific emission rate EF at 336 hours (14 days) total exposure time is divided by the area specific flow rate, qA (m/h). The area specific flow rate, qA, is calculated as the ratio of the flow rate of outside ventilation air, Q_B (m³/h), to the exposed surface area of the installed material in the building, A_B (m²).



4. Results

Table 4. 24-h and 48-h chamber concentrations and emission factors

Parameter	CAS Number	Chamber concentration (µg/m³)		Emissio (µg/l	on factor m ² h)
		24h	48h	24h	48h
TVOC		21	19	39	35
Formaldehyde	50-00-0	n.d.	n.d.		

Table 5. 96-h chamber concentrations and emission factors of all target VOCs and most abundant – Only detected compounds have been listed.

Compound Name	CAS Number	Chamber concentration (µg/m³)	Emission factor (µg/m²h)	Remark ¹
n-butanol	71-36-3	1	2	
2-ethyl-1-hexanol	104-76-7	7	13	
1-methoxy-2-propanol	107-98-2	4	7	CREL
hexadecanoic acid, methyl ester	112-39-0	3	6	
TVOC	-	16	29	

CRELs – Chronic Reference Exposure Levels: this substance has a CREL value. Refer to http://www.oehha.ca.gov/air/allrels.html.

Refer to http://www.oehha.ca.gov/prop65/prop65_list/newlist.html.

TACs – Toxic Air Contaminants: classified as Hazardous Air Pollutants plus additional compounds. Refer to http://www.arb.ca.gov/toxics/id/taclist.htm.

Table 6. Estimated concentrations for the different scenarios and evaluation of the requirements

Compound Name	CAS Number	Allowable Concentration ² (µg/m³)	Standard class room estimated concentration (µg/m³)	Private office estimated concentration (µg/m³)	Pass/Fail
n-butanol	71-36-3		1	1	
2-ethyl-1-hexanol	104-76-7		6	7	
1-methoxy-2-propanol	107-98-2	3500	3	4	Pass
hexadecanoic acid, methyl ester	112-39-0		3	3	
TVOC			14	16	

Refer to http://www.oehha.ca.gov/air/allrels.html. All maximum allowable concentrations are one-half the corresponding CREL adopted by Cal/EPA OEHHA with the exception of formaldehyde.

C – Safe Drinking Water and Toxic Enforcement Act of 1986: classified as known or probable human carcinogens and reproductive/ developmental toxins.



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5. Conclusion

The indoor air quality	emission criteria for	the FloorScore	California :	Specification	01350 for	LOOSE LAY
have been met.						

Hong Kong, 2018.08.09

TÜV Rheinland Hong Kong Ltd.

Miu Cheung Senior Project Chemist



6. Photo



Photo 1. Tested sample - LOOSE LAY



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7. Chain of Custody

W00

Please ship sample to/ 譜把樣品寄送到:

3/F FouWah Industrial Building, 10-16 Pun Shan Street, Tsuen Wan, Hong Kong (Sample Reception)/ 香港荃灣半山街 10-16 號宮華工業大廈 3 樓 (收辦部)

Client/ 客戶	Report To Be Sent To/ 報告送到	Invoice To Be Sent To/ 發票送到	Copy of Report To Be Sent To 報告副本送到	
Company/ 公司	Zhejiang Hoytech Co.,Ltd.	Zhejiang Hoytech Co.,Ltd.	Green Panel Corporation	
Contact Person/ 聯絡人	Chen Youxi	Chen Youxi	Wang Chuan	
E-mall/ 電子郵件	18026262435@163.com	18026262435@163.com	wangchuan@woodbasedganel.com	
Address/ 地址	Liuli Industrial Park, Ganpu Town, Haiyan County, Jiaxing City, Zhejiang Province, China	Liuli Industrial Park, Ganpu Town, Haiyan County, Jiaxing City, Zhejiang Province, China	Dongcheng District,Beijing City,China	
Postcode/ Town/ 郵編/ 鎮	314300	314300	100013	
Country/ 國家	China	China	China	
Telephone No./ 電話號碼	18026262435	18026262435	+86 10 64200118-15	
Fax No./ 傳真號碼	1	1	1	
Your reference/ 您的参考				
Test Method(s) Ordered:				
1. AgBB/DiBt 7 days	28 days	 LGA Tested Safety & Con VOC/ 揮發性及有機化合物 Formaldehyde/ 甲醛 	tamination	

Tes	t Method(s) Order	ed:					
1.	AgBB/DiBt			19	7.	LGA Tested Safety & Contamination	
	7 days		28 days			VOC/ 揮發性及有機化合物	
	With aldehydes		Without aldehydes			Formaldehyde/ 甲醛	
2.	French mandato	ry VOC la	abel			Odour/ 氣味	
	(including 4 regu	lated CN	IR)		8.	Formaldehyde/ 甲醛:	
3.	CDPH Section 0	1350				EN 717-1	
4.	FloorScore			×		ISO 16000-3 (DNPH)	
5.	ANSI/BIFMA M7.	1-2011				ASTM D6007	
6.	Indoor Advantag	le			9.	VOC emission/ 揮發性及有機化合物釋放	
	Indoor Advantag	e Gold				ISO 16000-6,9	
	14					ASTM 5116	

Type of Chamber: Mid-scale ☐ Small-scale ☐	Length of 24h□ 72h Other:	□ 168h □ 336h □ Emis	Reporting of Results: Emission Factors only Room concentrations modeling	
Other test/information:				
Report format:	PDF □	Printed □	Printed & PDF ⊠	



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MEDI

Product Commercial Name:	Loose lay	Product Commercial Part No.:	N/A
Product Dimensions: (Height × Width × Thickness)	1219.2×228.6×6	Product Item No.:	N/A
Manufacturer Sample Tracking ID:	TH20180605001	Date Manufactured:	2018.6.21
Product Category and Use:	Vinyl Tile Flooring	Sample Construction Material:	PVC
Plant Name and Location:	Zhejiang Hoytech Co.,Ltd. Liuli Industrial Park, Ganpu Town, Haiyan County, Jiaxing City, Zhejiang Province, China	Collection Location In Plant:	Ware house
Date and Time of Collection:	2018.6.21 PM 15:15	Sample Collected By:	Wang Chuan
Storage of Sample After Sampling:	N/A	Packing Material:	PE Film & Carton
Packed and Shipped by:	Client	Shipping Date:	2018.6.21
Carrier:		Airbill Number:	

	LABORATO	DRY USE ONLY	
Received By:	Min Oherney	Received Date:	2 5 JUN 2018
Conditions of Package:	de	Conditions of Sample:	bŁ
Received By:	Nin Cheung	Signature:	Mrw.
Company:	TWR HK	Laboratory:	VOC lab.
Sample Number:	A767973	Report Number:	0144892016

機関東因離社環境包度所有採用含分水率。其中一項努力是戲勵政門客戶核受電子板板行並且則時起只會應客戶里來可類的軟業質報令。任何疑問論體時 實現例,證對能的大力支持表示敬意! TÜV Rheinland cares about our environment and implements a paper saving strategy. As part of it, we encourage our customers to accept electronic varsions of reports and will, from now on, only send paper versions upon request. Please contact us for any concerns. We appreciate your support.

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

Scope

- These General Terms and Conditions of Business of TUV Rheinland in Greater China is made between the client and one or more member entities of TUV Rheinland in Greater China as applicable as the case may be ("TÜV Rheinland")
- The following terms and conditions apply to agreed services including consultancy services, information, deliveries and similar services are well as ancillary services and other secondary obligations provided within the scope of contract performance.
- Any standard terms and conditions of the client of any nature 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 TÜV Rheinland does not explicitly object to them.

Quotations

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
- The contract shall come into effect for the agreed terms upon the quotation letter of TÜV Rheinland or a separate contractual document being signed by both contracting parties, or upon the works requested by the client being carried out by TÜV Rheinland. If the client instructs TÜV Rheinland without receiving a quotation from TÜV Rheinland (upotation), TÜV Rheinland is, in its sole discretion, entitled to accept the order by giving written notice of such acceptance (including notice sent via electronic means) or by performing the new present entitled. ing the requested 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 six-week notice prior to the end of the contractual term.
- The scope of the services shall be decided solely by a unanimous declaration issued by both parties. If no such declaration exists, then the written confirmation of order by TÜV Rheinland shall be
- The agreed services shall be performed in compliance with the regulations in force at the time the contract is entered into.
- TÜV Rheinland is entitled to determine, in its sole discretion, the method and nature of the assessment unless otherwise agreed in writing or if mandatory provisions require a specific procedure to be
- On execution of the work there shall be no simultaneous assum On execution of the work there shall be no simultaneous assump-tion of any guarantee of the correctness (proper quality) and work-ing order of either tested or examined parts nor of the installation as a whole and its upstream and/or downstream processes, organisa-tions, use and application in accordance with regulations, nor of the systems on which the installation is based. In particular, TÜV Rhein-land hell commence researchibility for the construction, celeption of land shall assume no responsibility for the construction, selection of materials and assembly of installations examined, nor for their use and application in accordance with regulations unless these ques tions are expressly covered by the contract.
- In the case of inspection work, TÜV Rheinland 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
- 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 TÜV Rheinland in writing.
- If binding periods of performance have been agreed, these periods shall not commence until the client has submitted all required documents to TÜV Rheinland.
- 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.
- 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.
- Design documents, supplies, auxiliary 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.
- The client shall bear any additional cost incurred on account of work
- 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 TÜV Rheinland valid at the time of performance.
- 7.2 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 requivalent value in local currency, TÜV Rheinland may demand payments on account or in instalments.
- All invoice amounts shall be due for payment without deduction on receipt of the invoice. No discounts shall be granted.

- Payments shall be made to the bank account of TÜV Rheinland as indicated on the invoice, stating the invoice and customer numbers
- In cases of default of payment, TÜV Rheinland shall be entitled to claim default interest at the applicable 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 claim further damages.
- Should the client default in payment of the invoice despite being granted a reasonable grace period, TÜV Rheinland shall be entitled to cancel the contract, withdraw the certificate, claim damages for non-performance and refuse to continue performance of the con-
- 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.
- Objections to the invoices of $T\ddot{U}V$ 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.

 TÜV Rheinland shall be entitled to raise its fees at the beginning of TUV 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, TUV 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 revende 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 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 8.9 against claims by TÜV Rheinland
- 9 Acceptance
- Any part of the work ordered which is complete in itself may presented by TÜV Rheinland for acceptance as an instalment. T client shall be obliged to accept it immediately. 9.1
- If the client fails to fulfil its acceptance obligation immediately, acceptance shall be deemed to have taken place 4 calendar weeks after completion of the work provided that TÜV Rheinland has specifically made the client aware of the aforementioned deadline upon completion of the work.
- 10. Confidentiality
- For the purpose of these terms and conditions, "confidential information" means all information, documents, images, drawings, know-how, data, samples and project documentation which one party (the "disclosing party") hands over, transfers or otherwise discloses to the other party (the "receiving party"). Confidential information also includes paper copies and electronic copies of such information.
- The disclosing party shall mark all confidential information disclosed in written form as confidential before passing it onto the receiving party. The same applies to confidential information transmitted by email. If confidential information is disclosed orally, the receiving party shall be appropriately informed in advance and the disclosing party shall cconfirm in writing the confidentiality nature of the infor-mation within five working days of oral disclosure. Where the disclosing party fails to do so within the stipulated period, the receiving party shall not take any confidentiality obligations hereunder toards such information.
- All confidential information which the disclosing party transmits or otherwise discloses to the receiving party during performance of work by TÜV Rheinland:
- may only be used by the receiving party for the purposes performing the contract, unless expressly otherwise agreed in wing by the disclosing party;
- may not be copied, distributed, published or otherwise disclosed by the receiving party, unless this is necessary for fuffilling 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 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 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
- it was disclosed to the receiving party by a third party entitled to disclose this information; or
- the receiving party already possessed this information prior to disclosure by the disclosing party; or $\,$ c)
- 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.
- information as defined in this confidentially clause.

 All confidential information shall 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 but at the latest and without special request after termination or expiry of the contract. This does not extend to include reports and certificates. the latest and without special request after termination or expiry of the contract. This does not extend to include reports and certificates prepared for the client solely for the purpose of fulfilling the obligations under the contract, which shall remain with the client. However, TÜV Rheinland is entitled to make file copies of such reports, certificates and confidential information that forms the basis for preparing these reports and certificates in order to evidence the correctness of its results and for general documentation purposes required by laws, regulations and the requirements of working procedures of TÜV 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 third parties or use it for itself.
- Copyrights
- TÜV Rheinland shall retain all exclusive copyrights in the ex-reports, test results, calculations, presentations etc. prepared TÜV Rheinland. 11.1
- The client may only use such expert reports, test results, calculations, presentations etc. prepared within the scope of the contract for the contractually agreed purpose.
- The client may use test reports, test results, expert reports, etc. only complete and unshortened. Any publication or duplication for advertising purposes needs the prior written approval of TÜV Rheinland.
- Liability of TÜV Rheinland
- 12. Liability of TUV Rheinland
 12.1. Irrespective of the legal basis, 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 to: (i) in the case of a contract with a fixed overall fee, three times the overall fee for the entire contract, (ii) in the case of a contract expressly 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 times of the fee for the individual order under which the damages or losses have occurred. Notwithstanding the above, in the event that the total and accumulated liability calculated according to the foregoing provisions exceeds 2.5 bility calculated according to the foregoing provisions exceeds 2.5 Million Euro or equivalent amount in local currency, the total and accumulated liability of TÜV Rheinland shall be only limited to and shall not exceed the said 2.5 Million Euro or equivalent amount in local currency
 - The limitation of liability according to article 12.1 above shall not apply to damages and/or losses caused by malice, intent or gross negligence on the part of TÜV Rheinland or its vicarious agents. Such limitation shall not apply to damages for a person's death,
- In cases involving a fundamental breach of contract, TÜV Rheinland 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 for a fundamental breach of contract shall be limited to the amount of damages reasonably foreseen as a possible consequence of such breach of contract at the time of the breach (reasonably foreseeable damages), unless any of the circumstances described in article 12.2 applies.
- TÜV Rheinland shall not be liable for the acts of the personnel made IOV Kheinland shall not be liable for the acts of the personnel made available by the client to support TÜV Rheinland in the performance of its services under the contract, unless such personnel made available is regarded as vicarious agent of TÜV Rheinland. If TÜV Rheinland is not liable for the acts of the personnel made available by the client under the foregoing provision, the client shall indemnify TÜV Rheinland against any claims made by third parties arising from or in connection with such personnel's acts.
- 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.
- Partial invalidity, written form, place of jurisdiction and dispute
- All amendments and supplements must be in writing in order to be effective. This also applies to amendments and supplements to this clause 13.1.
- 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 closest to the content 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.
- 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 Tai-
- 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 Kong.
- Any dispute in connection with the contract and these terms and conditions or the execution thereof shall be settled friendly through negotiations.
 Unless 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 TÜV Rheinland in question being legally registered and existing in the People's Republic of China, to China International Economic and Trade Arbitration Commission (CIETAC) to be settled by arbitration under the Arbitration Rules of CIETAC in force when the arbitration is submitted. The arbitration shall take place in when the arbitration is submitted. The arbitration shall take Beijing, Shanghai, Shenzhen or Chongqing as appropriately by the claiming party.
- in the case of TÜV Rheinland in question being legally registered and existing in Taiwan, to Chinese Arbitration Association Taipei Branch to be arbitrated in accordance with its then current Rules of Arbitration. The arbitration shall take place in Taipei.
- in the case of TÜV Rheinland being legally registered and existing in Hong Kong, to Hong Kong International Arbitration Centre (HKIAC) to be settled by arbitration under the HKIAC Administered Arbitration Rules in force when the Notice of Arbitration is submitted in accordance with these rules. The arbitration shall take place in Hong
 - 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.