Konformitätserklärung gemäß Verordnung (EG) 1935/2004 für Materialien aus Kunststoff mit Lebensmittelkontakt / Declaration of compliance according Regulation (EC) 1935/2004 for plastic materials in contact with food

Identität und Anschrift Identity and adress	Koopman International b.v., Distelweg 88, 1031 HH Amsterdam, The Netherlands
Article +Auftragsnummer	
order number = LOT = batch number	Y20290070-323901
Artikelbeschreibung	
article description	COOLER BOX 24 LITER, BLUE/WHITE COLOR
Ursprungssland	
Made in	Portugal
Datum der Erklärung	
date of declaration	26-2-2020

Hiermit wird bestätigt, dass oben genannter Artikel den gesetzlichen Bestimmungen in Artikel 3, Artikel 11 Absatz 5, Artikel 15 und Artikel 17 der Verordnung (EG) 1935/2004, Verordnung (EU) 10/2011 und der deutschen Bedarfsgegenständeverordnung (BedGgstV) in ihrer jeweils aktuellen Fassung entspricht.

This is to confirm that the above named article complies with the legal provisions in Article 3, 11(5), 15 and 17 of the Regulation (EC) 1935/2004, regulation (EU) 10/2011 and the german Consumer Goods Ordinance (BedGgstV) in its current version

Der Artikel kann SML Stoffe enthalten. Die Gesamtmigration sowie die spezifische Migration liegen bei spezifikationsgemäßer Anwendung unten den gesetzlichen Grenzwerten. Die Prüfung erfolgte nach den Verordnung (EU) 10/2011.

The article may contain SML substances. However, when used as specified, the overall migration as well as the specific migration do not exceed the legal limits. The testing was performed according to regulation (EU) 10/2011.

Die eingesetzten Materialien und Rohstoffe entsprechen der europäischen Verordnung (EU) 10/2011.

The materials and raw materials are in accordance with the european regulation (EU) 10/2011 for plastic materials

Hinweis zu "Dual-Use-Stoffen:

Substanzen, die auch als Lebensmittelzusatzstoffe erlaubt sind, migrieren nicht oder sind in so geringen Mengen enthalten, dass sie im Falle einer Migration keine technologische Wirkung haben.

Note on dual use substances:

Substances also approved as food additives do not migrate or are contained in marginal quantities only so that they do not display any technological effect in case of migration.

Die Konformitätserklärung für diesen Artikel wurde nach Prüfung des Artikels durch ein akkreditiertes Labor ausgestellt. The declaration of compliance for this article was issued based on entire inspection of the article by an accredited laboratory.

Verwendete Kunststoffe / Used plastic materials

Kurzzeichen / Resin Code	Name
PP	Polypropylene

Vorgesehener Verwendungszweck und Einschränkungen / Intended use and restrictions

Dieser Gegenstand darf mit folgenden Lebensmitteln in Kontakt kommen:

This article may come into contact with the following foodstuffs

Lebensmittelarten, die nicht angekreuzt sind dürfen nicht mit dem Material in Berührung kommen

Food types that are	not checked shall not come into contact with the material
Х	Trocken / dry
x Wässrig / Aqueous	
	Alkoholisch / Spirituous
	Sauer / Acidic
	Milchprodukte / Milk products
	Fettig* / Greasy*

^{*)} Replacement testing with organic solvents were carried out with adjusted testing conditions according to EN1186-1:2002 Section 7.2

Anwendungsbereich des Gegenstandes / Scope of the article:

amonadingoporoidi. doo ooganistandoo / oosapo or allo dalloidi.				
Stunden/hours oder / or	10 Tage/ days			
40 °C	geschirrspülmaschine geeignet N dishwasher safe			
tiefkühlgeeignet	mikrowellengeeignet Nimirrowaye safe			

(N = nein / no; Y = ja / yes)

Verhältnis der mit Lebensmittel in Berührung kommenden Fläche zum Volumen, anhand dessen die Konformität des Gegenstandes festgestellt wurde.

Ratio of the surface area that is to come into contact with the foodstuff to the volume levels, with which the object conformity was determined

nicht Anwendbar / not applicable 6/1000 dm²/mL oder / or

Es wird keine funktionelle Barriere aus Kunststoff verwendet.

Signature of authorised representative:

Name: Edwin Ramadan

Tätigkeit / Role: Chemist & Technologist

Koopman International B.V. Distelweg 88 1031 HH - AMSTERDAM Tel. (+31)20-4947777 (Fax (+31)20-6366131

200

Ir. Ing. E. Ramadan Chemist & Technologist.





Rapport d'essais Test report

Rouen, le 23 décembre 2020 CL20-04999 Page 1 sur 6

COOL BOXES - 24L Produit / Product:

Emetteur / Contact : Text removed by K.I.

Acceptation du devis DC20-05703 Commande /Order :

09/11/2020 Recu le / Received : DC20-05703 Devis / Price offer:





Tests ou conformité demandés	Conclusion
Tests requested / Standards	Conclusion
Présence de Bisphénol A (teneur en BPA) dans matériau(x) - Loi Française n°2012-1442	Conforme #
BPA content presence in material(s) - French Law n° 2012-1442	PASS #
Conformité sur matériaux plastifiés selon Règlement 10/2011/CE (et modifs) + Fiche	Conforme
DGCCRF matériaux organiques (matières synthétiques)	
Compliance on plasticized materials according to the 10/2011/EC Regulation (and	PASS
modifs) + French DGCCRF organic materials (synthetic matters) file	
Aptitude au contact alimentaire : Réglement 1935/2004/CE art. 3, décret 2007/766 uniquement	Conforme
pour les essais réalisés et sur les parties testées	30111011110
Food contact compliance : 1935/2004/CE regulation art. 3, 2007/766 Decree only on items tested and for analysis performed	PASS

Les déclarations de conformité de ce rapport ne sont couvertes par l'accréditation COFRAC que si l'ensemble des essais de ce rapport est réalisé sous accréditation. / The statement of conformity of this report is under COFRAC accreditation only if all results included in this report are accredited.

Les incertitudes de mesure ne sont pas prises en compte pour conclure sur la conformité des analyses sauf demande spécifique du client Uncertainties are not taken into account to define compliance on analysis except on specific customer request

Christelle FRANCONVILLE Tel.: Expert Technique Chimie-Contact Alimentaire Chemistry-Food contact Technical Expert

oocuments.
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Rapport d'essais Test report

Matériaux au contact : plastique Foodcontact materials : plastic

Début des essais / beginning of tests : 12-11-2020 Fin des essais / end of tests : 22-12-2020

Ratio [area (dm²) / volume (ml)] for overall migrations: 1dm² / 100ml Ratio followed for recalculated specific migrations: 0,6dm2 / 100ml

Lavage de l'article avant test / pre-wash article before test: NON / NO (selon demande client ou aucune spécif. / according to client request or no specification)

REMARQUE: L'interdiction du Bisphénol A, dans tous les articles destinés au contact alimentaire, est effective depuis le 1er Janvier 2015 (en plus de la 1ère échéance du 01/01/2013 existante déjà pour certains articles de puériculture).

The ban of the use of BPA in all articles in contact with foods is effective since the 1st January 2015 (in addition with the first term of the 1st January 2013 for some childcare articles)

Pour les matières plastifiées,

Conforme = Aucune valeur en BPA dans le(s) matériau(x) supérieure à notre limite analytique de 0,1 mg/kg ou 100 µg/kg, n'a été trouvée.

PASS: no BPA value in the material(s) exceeding our analytical limit of 0,1 mg/kg, was found.

Pour plus d'informations, voir avec Mr G. Dommerc et Mme P. Lambert.

For more details, please contact Mrs P. Lambert and Mr G. Dommerc.



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Rapport d'essais Test report

Migration spécifique : amines aromatiques primaires (1)

1st specific migration : primary aromatic amines (1)

selon EN13130-1 (1 essai \1 simulant) -DIN 55610 + Règl.10/2011/CE (modifs) -Annexe II

		CL20-04999.001	
		WHITE PLASTIC _ INTERNAL COOL BOX AND LID	
	Limites	Résultats	
	Limits	Results	
Simulant		Ethanol 10%	
Simulant			
Durée de migration Migration duration		10j	
Température de migration Migration temperature		40 °C	
1ère migration en AAP 1st specific PAA migration	< 0,01 mg/kg	<0,001 mg/kg	
Conclusion Conclusion		Conforme Pass	

Teneur en Bisphénol A

Bisphenol A Content

Loi Française 2012-1442 -ultrasons Dichlorométhane/Toluène 30 min.70°C +LC-MS-MS (GC/MS)

		CL20-04999.002	
		WHITE PLASTIC _ INTERNAL COOL BOX AND LID	
	Limites	Résultats	
	Limits	Results	
teneur en Bisphénol A Bisphenol A content		<100 µg/kg	
Conclusion		Conforme #	
Conclusion			



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Rapport d'essais Test report

Migration de 9 métaux dans les matières plastifiées

specific migration of 9 heavy metals on plasticised materials

selon EN13130-1 (1 essai \1 simulant) +Réglement 10/2011/CE (modifs) -Annexe II (modifs)

		CL20-04999.001	
		WHITE PLASTIC _ INTERNAL COOL BOX AND LID	
	Limites Limits	Résultats Results	
Simulant Simulant	Lillits	Ethanol 10%	
Temps de migration Migration time		10j	
Température de migration Migration temperature		40 °C	
Volume simulant Volume		100 ml	
Surface Surface		0,6 dm ²	
Migration de l'Aluminium aluminium migration	< 1 mg/kg	<0,1 mg/kg	
Migration du Baryum barium migration	< 1 mg/kg	<0,1 mg/kg	
Migration du Cobalt cobalt migration	< 0,05 mg/kg	<0,01 mg/kg	
Migration du Cuivre copper migration	< 5 mg/kg	<0,1 mg/kg	
Migration du Fer iron migration	< 48 mg/kg	<1 mg/kg	
Migration du Lithium lithium migration	< 0,6 mg/kg	<0,1 mg/kg	
Migration du Manganèse manganese migration	< 0,6 mg/kg	<0,1 mg/kg	
Migration du Nickel nickel migration	< 0,02 mg/kg	<0,01 mg/kg	
Migration du Zinc zinc migration	< 5 mg/kg	<0,1 mg/kg	
Conclusion Conclusion		Conforme Pass	



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Rapport d'essais Test report

Migrations globales succ. : 3ème migration dans éthanol 10% (°)(R)

Succ. overall migrations : 3rd migration in 10% ethanol (°)(R)

Règlement 10/2011/CE (et modifs) - NF EN 1186

		CL20-04999.001	
		WHITE PLASTIC _ INTERNAL COOL BOX AND LID	
	Limites Limits	Résultats Results	
Méthode Method		1186-3_Immersion (A)	
Durée de la Migration Migration time		10j (x3)	
Température de Migration Migration Temperature		40 °C	
Résultat final : Essai 1 Final result : Test 1		4,7 mg/dm²	
Résultat final : Essai 2 Final result : Test 2		4,1 mg/dm²	
Résultat final : Essai 3 Final result : Test 3		1,7 mg/dm²	
Résultat moyen de 3ème migration successive Average result from 3rd successive migration	< 10mg/dm²	3,5 mg/dm²	
Conclusion Conclusion		Conforme Pass	

Notre conclusion "Conforme *", quant aux tests de migration globale, tient compte des tolérances analytiques réglementaires telles,

Our "Pass *" conclusion, about overall migration tests, takes into account the standardized analytical tolerances as,

10 mg/dm² avec une tolérance de 2 mg/dm² pour les simulants aqueux ou 3 mg/dm² pour les simulants gras 10 mg/dm2 with 2 mg/dm2 tolerance for aqueous simulants or 3 mg/dm2 for fatty food simulants

60 mg/kg avec une tolérance de 12 mg/kg pour les simulants aqueux ou 20 mg/kg pour les simulants gras 60 mg/kg with 12 mg/kg tolerance for aqueous simulants or 20 mg/kg for fatty food simulants

NOTE 2:

L'aptitude au contact alimentaire est établie sous réserve du respect des listes de substances autorisées, à savoir leurs utilisations et leurs spécifications et/ou restrictions le cas échéant, par des réglementations Européennes existantes et celles nationales appliquées pour la fabrication des matériaux au contact.

Food contact compliance is declared subject to European and National authorised substances list respect, i.e. use and specifications and/or limitations for foodcontact materials manufacturing.



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Rapport d'essais Test report

Migration spécifique de phtalates

Specific migration of some phthalates

selon EN 13130-1 (1 essai \1 simulant) +Réglement 10/2011/CE (modifs) -Dosage GC/MS

		CL20-04999.001	
		WHITE PLASTIC _ INTERNAL COOL BOX AND LID	
	Limites Limits	Résultats Results	
Simulant Simulant		Ethanol 10%	
Durée de migration Migration duration		10j	
Température de migration Migration temperature		40 °C	
Volume simulant Simulant volume		100 ml	
Surface matériau Material surface		0,6 dm²	
Diallyle phtalate migration Diallyl phtalate migration	< 0,01 mg/kg	<0,01 mg/kg	
Dibutyl phtalate migration Dibutyl phtalate migration	< 0,3 mg/kg	<0,1 mg/kg	
Benzyle butyle migration Benzyl butyl phtalate migration	< 30 mg/kg	<0,1 mg/kg	
Di-2-éthyl-hexyle migration Bis-(2-ethylhexyl) phtalate migration	< 1,5 mg/kg	<0,1 mg/kg	
Diisononyle et diisodécyle migrations Diisononyl + diisodecyl phtalates migration	< 9 mg/kg	<0,8 mg/kg	
Conclusion Conclusion		Conforme Pass	

^{***} Fin du rapport ***

^{***} End of Report ***



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Text removed by K.I. Client:

Buyer's name: n.a.

Text removed by K.I.

Manufacturer's name:

Thermoelectric Cooler & Warmer Identification /

WA-240N-312, WA-240N-101, WA-240N-201, WA-240N-202, WA-240N-211, WA-Model No(s):

240N-212,WA-240N-301,WA-240N-302,WA-240N-311,WA-240N-311A

Sample Receiving date: 2020-01-17

Testing Period: 2020-01-19 to 2020-02-21

Test specification: Test conclusion:

Performed parameter(s) for the compliance with the following regulations concerning materials in contact with foodstuff:

PASS

- German §31 LFGB (Lebensmittel-, Bedarfsgegenstände- und Futtermittelgesetzbuch)

Other Information:

Not available

Sample Photo

(For detailed sample picture please refer to last page)

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

Cherry Yan Cherry Yan / Senior Project Engineer 2020-03-05

Date

Name / Position

Test result is drawn according to the kind and extent of tests performed. This test report relates to the a.m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.



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Indication: Food contact

Product: Commodity, contact with foodstuff

§ 2 (6) No. 1, German Food, Commodities and Animal Feed Code of Law (LFGB)

Description of test specimen

Item

1 Thermoelectric Cooler & Warmer

1. Material List:

Sample No.	Material	Color	Location
1	Whole product	multi	Refer to photo
1A	PP	White	Refer to photo
1B	PP	White	Refer to photo



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2. Overall Results:

Test No.	Tested Item	Conclusion
1	Sensorial examination	PASS
2	Global Migration	PASS
3	Specific Migration of metals, Metal-release from Plastic	PASS
4	Specific Migration of Polycyclic Aromatic Hydrocarbons (PAHs) from plastic	PASS



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3. Results

3.1 Sensorial examination

Test method:

It is examined to the extent of food simulant being used, which comes into contact with the product, undergoes detectable changes in taste and smell.

For this purpose, the food simulant was stored in the product under the below mentioned time and temperature. Afterwards, the food simulant was examined by an appropriate number of tasters with regard to any divergence in smell and taste. Another test sample, which was used as a reference, was treated by the same way except that it had no contact with the product to be tested.

Before testing, the product had been cleaned according to the product's instruction manual or in the absence of such manual, by normal household cleaning.

The test is carried out on the basis of DIN 10955:2004 by paired comparison test:

Evaluation scheme:

0 = No discernible deviation

1 = Barely discernible deviation

2 = Weak deviation

3 = Clear deviation

4 = Strong deviation

Limit: 3 (failed)

The following food simulants and conditions were applied:

Food simulant	Test duration / Temperature
Water	10 day(s) / 20 °C

Test No.:	1
Sample No.:	1A
Parameter:	Result
Transfer of Smell:	0
Transfer of Taste:	0

Test No.:	1
Sample No.:	1B
Parameter:	Result
Transfer of Smell:	0
Transfer of Taste:	0

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3.2 Global Migration

Test method: The migratory behaviour is examined with reference to Chapter V, Article 18 of

Commission Regulation 10/2011 and its amendments. Deviating to the regulations the

following tests were performed as orientating single tests.

Limit: Commission Regulation (EU) No 10/2011 and its amendments

The following food simulants and conditions were applied:

Food simulant	Test duration / Temperature
Acetic acid 3 %	10 day(s) / 20 °C
Ethanol 95 %	10 day(s) / 20 °C
Isooctane	1 day(s) / 20 °C

Test No.:	1			
Sample No.:		1A		
Migration ratio:		167 ml / 1.0 dm ²		
Parameter	Unit	Result	Limit	
Acetic acid 3 %	mg/dm²	<2	10	
Ethanol 95 %	mg/dm²	<2	10	
Isooctane	mg/dm ² 3.93 10			

Test No.:	1			
Sample No.:		1B		
Migration ratio:		167 ml / 1.0 dm ²		
Parameter	Unit Result Limit			
Acetic acid 3 %	mg/dm ² <2 10			
Ethanol 95 %	ma/dm²	mg/dm ² <2 10		

Results 3rd Migration:

Test No.:	1		
Sample No.:	1B		
Migration ratio:	167 ml / 1.0 dm ²		
Parameter	Unit Result Limit		
Isooctane	mg/dm ² <2 10		

Abbreviations:



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mg/dm² = Milligram per square decimetre

< = Less than

Remark:

- *1 Acc. to DIN EN 1186-1 the following analytical tolerances have been observed:
 - 3 mg/dm² in migration tests using rectified olive oil or substitutes,
 - 1 mg/dm² in migration tests using aqueous simulants

A material or article that exceeds the overall migration limit by an amount not greater than the analytical tolerance mentioned above should therefore be deemed to be in compliance with the overall migration limit.



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3.3 Specific Migration of metals, Metal-release from Plastic

Test method: The migratory behaviour is examined with reference to Chapter V, Article 18 of

Commission Regulation 10/2011 and its amendments. The determination of amounts of

metals that were released is done via ICP-MS.

Limit: Commission Regulation (EU) No 10/2011 and its amendments

The following food simulant and condition was applied:

Food simulant	Test duration / Temperature
Acetic acid 3 %	10 day(s) / 20 °C

Test No.:	1		
Sample No.:	1A		
Migration ratio		167 ml / 1.0 dm ²	
Parameter	Unit	Result	Limit
Barium	mg/kg	< 0.1	1
Cobalt	mg/kg	< 0.01	0.05
Copper	mg/kg	< 0.1	5
Iron	mg/kg	< 1.0	48
Lithium	mg/kg	< 0.1	0.6
Manganese	mg/kg	< 0.1	0.6
Zinc	mg/kg	< 1.0	5
Aluminium	mg/kg	< 0.1	1
Nickel	mg/kg	< 0.01	0.02

Test No.:	1		
Sample No.:		1B	
Migration ratio		167 ml / 1.0 dm	2
Parameter	Unit	Result	Limit
Barium	mg/kg	< 0.1	1
Cobalt	mg/kg	< 0.01	0.05
Copper	mg/kg	< 0.1	5
Iron	mg/kg	< 1.0	48
Lithium	mg/kg	< 0.1	0.6
Manganese	mg/kg	< 0.1	0.6
Zinc	mg/kg	< 1.0	5
Aluminium	mg/kg	< 0.1	1



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Abbreviations:

mg/kg = Milligram per kilogram

< = Less than



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3.4 Specific Migration of Polycyclic Aromatic Hydrocarbons (PAHs) from plastic

Test method: The migratory behaviour is examined with reference to Chapter V, Article 18 of

Commission Regulation 10/2011 and its amendments. Presence of PAHs is detected by

means of GC-MS.

Limit: Please refer to remark 1

The following food simulant and condition was applied:

Food simulant	Test duration / Temperature
Isooctane	1 day(s) / 20 °C

Test No.:	1		
Sample No.:	1A		
Migration ratio	167 ml / 1.0 dm ²		
Parameter	Unit	Result	Limit
Sum of 18 PAHs	mg/kg	n.d	n.d. (<0.01)

Test No.:	1		
Sample No.:	1B		
Migration ratio	167 ml / 1.0 dm ²		
Parameter	Unit	Result	Limit
Sum of 18 PAHs	mg/kg	n.d	n.d. (<0.01)

Abbreviations:

n.d. = Not detected

mg/kg = Milligram per kilogram

< = Less than

Remark:

*1 Polycyclic aromatic hydrocarbons (PAHs) are not listed substances for the production of plastic materials acc. to Regulation (EU) No. 10/2011, Annex I. A threshold of detection <0.01 mg/kg should be met.

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4. Sample picture(s):



Sample 1

- END -

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

- and Conditions of Rusiness of TÜV Rheinland in Gre ("GTCB") is made between the clientand one or more member entities of TÜV Rheinlard in Greater China as applicable as the case may be ("TÜV Rheinland"). The Greater China hereofrefers to Mainland China, Hong Kong and Talwan. The clienthereofincludes:
- (i) a natural person capable to form legally binding contracts under the applicable laws who concludes the contract not for the purpose of a daily use;
- (ii) the incorporated or unincorporated entity duly organized, validly existing and capable to form legally binding contracts under the applicable law.
- The following terms and conditions apply to agreed services including consultancy serv information, deliveries and similar services as well as ancillary services and other secon obligations 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 clien part of the contract even if TÜVR heinland does not explicitly object to them.
- In the contextofan ongoing business relationship with the client this GTCB shall also apply to future contracts with the client without TÜV. Rheinland having to refer to them separately in each individual case.

2. Quotations

Unless otherwise agreed, all quotations submitted by TÜV Rheinland can be changed by TÜVRheinland without notice prior to its acceptance and confirmation by the other party.

Coming into effect and duration of contracts

- The contractshall 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 upon the works requested by the ident being carried out by TÜV Rheinland. He is the card instructs TÜV Rheinland without receiving a quotation from TÜV Rheinland riguoustion, IÜV Rheinland riguoustion, IUV Rheinland riguoustion, IV Rheinland rigu
- 3.2 The contract term starts upon the coming into effect of the contract in accordance with article 3.1 and shall continue for the term agreed in the contract.
- If the contract provides for an extension of the contract term, the contract term will extended by the term provided for in the contract unless terminated in writing by either with a six-week notice prior to the end of the contractual term.

4. 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 exists, then the written confirmation of order by TÜV Rheinland shall be decisive for the services be provided.
- The agreed services shall be performed in compliance with the regulations in force at the time the contract is entered into.
- 4.3 TÜV Rheinland is entitled to determine, in its sole discretion, the method and nature of the assessment unless otherwiseagreed in writing or if mandatory provisions require a specific procedure to be followed.
- 4.4 On execution of the work there shall be no simultaneous assumption of any guarantee of the correctness (proper quality) and working ofter of either tested or examined parts nor or the installation as a whole and its upsteam and/or downstream processes, or ganisations, use and application in accordance with regulations, nor of the systems on which the installation is based. In particular, Trul Whitenhand 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 questions are expressly covered by the contract.
- In the case of inspection work, TÜVRheinland shall not be responsible for the acchecking of the safety programmes or safety regulations on which the inspections are based unless otherwise expressly agreed in writing.
- 4.6 If mandatory legal regulations and standards or official requirements for the agreed service scope change after conclusion of the contract, with a written notice to the client, TUV Rheinland shall be entitled to additional remuneration for resulting additional expenses.
- 4.7 The services to be provided by TÜVR heinland under the contract are agreed exclusively with the client. A contract of third parties with the services of TÜVR heinland, as well as making available of and justifying confiderce in the work results [set reports, lets results, expart reports, etc.) is not part of the agreed services. This also applies the client passes on work results in full or nextacts. In 5 third parties in accordance with clause 11.4.

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 TÜVRheinland in writing.
- 5.2 If binding periods of performance have been agreed, these periods shall not commence until the client has submitted all required documents to TÜVR heinland.
- 5.3 Articles 5.1 and 5.2 also apply, even without express approval by the client to all extensions of agreed periods/dates of performance not caused by TÜVR heinland.
- 5.4TÜV Rheinland is notresponsible for a delay in performance in particular if the clienthas r fulfilled his duties to cooperate in accordance with clause 6.1 or has notdone so in time an in particular, has not provided TÜV Rheinland with all documents and information requite for the performance of the service as specified in the contract.
- 5.5lf the performance of TÜV Rheinland is delayed due to unforeseeable circumstances such as force majeure, strikes, business disuptions, governmental regulations, transport obstacks etc., TÜV Rheinland is entitled to postpone performance for a reasnable period of time which corresponds atteast to the duration of the hindrance plus any time period whichmay be required to resume performance.

6. The client's obligation to cooperate

- 6.1 The clientshall 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.
- 62 Design documents, supplies, auxiliarys taff, 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 regulators and accident prevention instructions. And the client represents and warrants that

 - b) the product, service or management system to be certified complies with applicable laws and regulations; and
 - c) it doesn't have any illegal and dishonest behaviours or is not included in the list of Enterprises with Serious Illegal and DishonestActs of People's Republic of China.
 - If the client breaches the aforesaid representations and warranties, TÜV Rheinland is entitled to i) immediately terminate the contractorder without prior notice; and ii) withdraw the issued testing report/certificates if any.
- 6.3 The clientshall bear any additional cost incurred on account of work having to be redored being delayed as a result of late, incorrector incomplets information provided by or lack of proper cooperation from the client Even where a tixed or maximum price is agreed, TUV Rheinland shall be entitled to barrige exit a fees for suchadditional expense.

- 7.1 If the scope of performance is not laid down in writing when the order is placed, invoicing shall be based on costs actually incurred throprice is agreed in writing, invoicing shall be made in accordance with the price is lost of TVV Rheinland valid at the time of performance.
- 7.2 Unless otherwise agreed, work shall be invoiced according to the progress of the work
- 7.3 If the execution of an order extends overmore 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 instalments.

- All invoice amounts shall be due for payment without deduction on receipt of the invoice. No discounts and rebates shall be granted.
- 8.2 Payments shall be made to the bank account of TÜVR heinland as indicated on the invoice, stating the invoice and client numbers.
- 8.3 In cases of default of payment TÜV Rheinland shall be entitled to claim default interestat applicable shortterm loan interestrate publicly announced by a reputable commercial in the country wheer TUV Rheinland is located. At the same time, TUV Rheinland erves the right to claim further damages.
- 8.4 Should the client default in payment of the invoice despite being granted a reasonable gaze period, TUV the inland shall be entitled to cancel the contract, withdraw the certificate, dain damages for non-performance and refuse to continue performance of the contract.
- 8.5 The provisions setforth in article 8.4 shallalso apply in cases involving returned chequs cessation of payment commencement of insolvency proceedings against the clerifs a seats or cases in which the commencement of insolvency proceedings has been dismissed due to lack of assets.

- Objections to the invoices of TÜVR heinland shall be submitted in writing within two w of receipt of the invoice.
- 8.7 TÜVRheinland shall be entitled to demand appropriate advance payments
- TOV Rheinlands shall be entitled to trains a type prise and varine payments. TOV Rheinlands hall be entitled to raise its fees at the beginning of a month if overheads and/or purchase costs have increased in his case, TÜVRheinland shall notify the clientin writing of the rise in fees. This notification shall be its sued 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 contactually ear, the clientshall nothware the right to terminate the contract tithe rise in fees exceeds 5% per contactual year, the clientshall be entitled be trainable the contract the rise in fees exceeds 5% per contactual year, the clientshall be entitled be trainable the contact by the end of the period of notice of changes in fees. If
- 8.9 Only legally established and undisputed claims may be offset against claims by 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 instalment. The client shall be obliged to accept it immediately.
- 9.2 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 contact by TOV Rheinland.
- 9.3 The client is not entitled to refuse acceptance due to insignificant breach of contract by TÜV Rheinland
- 9.4 If acceptance is excluded according to the nature of the work performance of TÜV. Rheinland, the completion of the work shall take its place.
- 95 If the client was unable to make use of the time windows provided for within the scope da certification procedure for auditing/performance by TDV Rheinland and the certificate is therefore to be withdrawn (e.g. performance or stunveillance audits), TDV Rheinland is ertified to immediately charge a luming-sum compensation of 10% of the order amount as compensation for expenses. The client reserves the right by prove that the TDV Rheinland has incurred no damage whatsoever or only a considerably lower damage than the above lump sum.
- Insofar as the clienthas undertaken in the contracto accept services, TÜV Rheinland stell also be entitled to charge lump-sum damages in the amount of 10% of the order amount as compensation 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 or damage what soever or only a considerably lower damage than the above mentioned turn sum. 9.6

- 10. Confidentiality
 10. For the purpose of these terms and conditions, "confidential information" means all information, documents, images, drawings, know-how, data, samples and poject documentation which one party (the "disdosing party") handles conditionables or created during performance of work by TUV Rheinland, including productes ling data, deletes, comformly be the chical standard and related repots. Confidential information also indupaper copies and electronic copies of such information. Confidential information is cytoperated by the confidency of the confidency of the confidency of the confidency of the confidential information is cytoped to confidential information in cytoped to confidential information in cytoped to confidential information in cytoped to confidential information is cytoped to confidential information in cytoped to cytoped t connection with the provision of services for the purposes of developing new services improving services and analysing the provision of services.
- 10.2 The disclosing party shallmark all confidential information disclosed in written form as confidential before passing iton to the receiving party. The same applies to confidential information is disclosed orally, he receiving party shall be appropriately informed in advanceand the disclosing party shall be appropriately informed in advanceand the disclosing party shall confirm in writing the confidentiality nature of the information within five working days of ordical disclosure. Where the disclosing party fails to do so within the stipulated period, the receiving party shall nottake any confidentiality not obligations fereunderburdardsuct information.
- 10.3 All confidential information which the disclosing party transmits or otherwise discloses to the receiving party and which is createdduring performance of work by TÜVR heinland:
 - a)may only be used by the receiving party for the purposes of performing the contract, unless expressly otherwise agreed in writing by the disclosing party;
 - b) may not be copied, distributed, published or otherwise disclosed by the receiving party, unless this is necessary for fulfilling the purpose of the contractor TUVR heinland is require to pass on confidental 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.
- c)must be treated by the receiving partywith the same level of confidentiality as the receiving party uses to protect its own confidential information, but never with a lesserievel of confidentially than that which is reasonably required.
- 10.4 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 secret or asset for in in its confidentially clause.
- 10.5 Information for which the receiving party can furnishproof that
 - a) it was generally knownat the time of disclosure or has become general knowledge without violation of this confidentiality clause by the receiving party; or
 - b)it was disclosed to the receiving party by a third party entitled to disclose this information
 - c) the receiving party already possessed this information prior to disclosure by the disclosing party; or
 - d) the receiving party developeditits elf, irrespective of disclosure by the disclosing party shall not be deemed to constitute "confidential information" as defined in this confidentiality
- 10.6 All confidential information shall remain the property of the disclosing party. The receiving i All condidental information shall remain the property of the disclosing party. The receiving party hereby agrees to immediately (i) return all condidental information, including all copies, to the disclosing party, and/or (ii) on request by the disclosing party, to destroy all confidental information, including all copies, and confirm the destruction of this condidental information to the disclosing party in writing, atany time if so requested by the disclosing party but at the latest and withouts peculiar equestate for termination or expiry of the contract. This does not extend to include reports and certificates prepared by the clientsolely for the purpose of falling the obligations under the contract which shall remain with the client However, TOV. Rheinland is entitled to make file copies of such reports, certificates and confidental information that forms the basis for preparing these reports and certificates in order to corride one or or reduced to the confidence of the confidenc
- 10.7 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 stricts earey of all confidential information and shall not olds close this information to any third parties or use it for itself.

- 11.1 TÜVRheinland shall retain al exclusive copyrights in the reports, expertreports/opinions, test reports/results, results, calculations, presentations etc. prepared by TÜVRheinland, urless otherwise agreed by the parties in a seprate agreement As the owner of the copyrights, TÜV Rheinland is feet be grant others the right to use the work results for individual or all types of use ("rightfortuse")
- 11.2 The clentreceives a simple, unlimited, non-transferable, non-sublicers ableright of use to the contents of the work results produced within the scope of the contract, unless otherwise a gased by the parties in a separate agreement. The client may only use such reports, expert reports/opinions, testreports/results, results calculations, presentations etc. pepared within the scope of the contraction if year reports/produced in the contraction of the contraction in the contraction of the contracti
- 11.3 The transfer of right of use of the generated work results regulated in clause 11.2. of the GTC8 is subject to full payment of the remuneration agreed in favour of TÜV Rheinland.
- 11.4 The clientmay use work results only complete and unshortened. The clientmay only passon the work results in full unless TÜV Rheinland has given its prior written consent to the partial passing on of work results.
- 11.5 Any publication or duplication of the work results for advertising purposes or any further used the work results beyond the scope regulaed in clause 11.2 needs the prior written approval of TÜVRheinland in each individual case.
- 11.6 TÜV Rheinland may revoke a oncegiven approval according to clause 11.5 atany time withou stating reasons. In this case, the client is obliged to stop the transfer of the work resuls immediately at his own expense and, as far as possible, to withdraw publications.
- 11.7 The consentofTÜVRheinland to publication or duplication of the work results does not entitle to clent bouse the corporate logo, corporate design or test/certification mark of TÜVRheinland.

Trespective of the legal basis, to the fullest extent permitted by applicable law, in the event of a breach of contractual obligations or tort, the liability of TUV Rheinland for all damages, losses and reimbursement of expenses caused by TUV Rheinland, its legal expressriatives and remployees shall be limited by: (i) in the case of a contractivith a fixed overall file, three times to everall file for the entire contract (iii) in the case of a contractivant annually recurring services, the agreed annual flee; (iii) in the case of a contractive pressly chargedon a time and material basis, a maximum of 20,000 Euro or equivalent amount in local currency; and (v) in the case of a famework agreement that provides for the possibility of placing individual orders, these

times of the fee for the individual order under which the damages or losses have occured. Notwithstanding the above, in the event that the total and accumulated liability calculated according to the foregoing provisions exceeds 25 Million Euro or equivalentamount in local currency, the total and accumulated liability of TUV Kheniand shall be only limited to and shall not exceed the said 25 Million Euro or equivalentamount in local currency.

- 12.2 The limitation of liability according to article 12.1 above stall not apply to damages article sees 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, physical injuy or illness.
- in cases involving a fundamental breach of contract. TÜVRheinland will be liable even whee minor neptigence is nivolved. For this purpose, a "fundamental breach" is breach of a material contractual obligation, the performance of which permits the due performance of which permits the due performance of whe contract. Any claim for damages for a fundamental breach of contracts hall be limited to the amount of damages reasonably foreseen as a possible consequence of such breachfor contract at the time of the breach (reasonably foreseeable damages), unless any of the circumstaross described in article 122 applies.
- 12.4 TÜV Rheinland shall not be liable for the acts of the personnel made available by the clier to support TÜV Rheinland in the performance of its services under the contract unless sub-personnel made available is regarded as kvarius 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.
- 12.5 Unless otherwise contractually agreed in writing, TÜV Rheinland shall only be liable underthe contract to the client.
- 12.6 The limitation periods for claims for damages shall be based on statutory provisions
- 12.7 None of the provisions of this article 12 changes the burden of proof to the disadvartage of the

13. Export control

- 13.1When passing on the services provided by TÜVRheinland or parts thereof to third parties in Greater China or other regions, the client must comply with the respectively applicatio regulations of national and international exportcont follow.
- 13.2The performance of a contract with the client is subject to the provision that there are no obstades to performance due to national or international foreign trade legislations or embargos andor sanctions. In the event for a violation, TUV. Phenland shall be emitted to berminate the contract with immediate effect and the client shall compensate for the losses incurred thereof by TDV. Rheinland.

14. Data protection notice

TOWRhelinland processes personal data of the client for the purpose of fulfilling this contract. In addition, TOV Rhelinland also processes the data for other legal purposes in accordance with referent legal basis. The personal data of the client will only be disclosed to other natural or legal persons if the legal requirements are met. This also applies to transfers to this countries. The personal data while deleted immediately as soon as a corresponding reson for deletion arises. Data subjects may exercise the following rights: right of information, right crectication, right of deletion, right of processing imitation, right of objection, right of data stratsfarability, in addition, persons concernedby the data processing have the right to revoke recommend that the competition of between use of 10 v nieutene as ne person responsible or contract processor, please sets to the respective data protection information. You cancontact the Group Data Protection Officor of TUV Rheinland by e-mail atdatenschutz @de.tuv.comor by postathe following address: TUV Rheinland AG, c/o Group Data Protection Officer, Am Grauen Stein, 51105 Cologne Germany.

Test material: transport risk and storage

- 15.1The risk and costs for freight and transport of documents or test material to and from TÜV Rheinland as well as the costs of necessary disposal measures shall be borne by the client.
- 15.2Any destroyed and otherwiseworthless testmaterial will be disposed of by TÜVR heinland for the client at the expense of the client, unless otherwise agreed.
- 15.3Undamaged testmaterial shall be stored by TÜVR heinland for four (4) weeks after completion of the test. If a longer storage period is desired, TÜV Rheinland charges an appropriate storage fee.
- 15.4After the expiry of the 4 weeks or any longer period agreed upon the test material will be disposed of by TÜVRheinland for the client for a fee in accordance with clause 15.2.

16. Termination of the contract

- 16.1 Notwithstanding clause 3.3 of the GTCB, TÜVRheinland and the client are entitled to terminate the contract in its entirety 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) months² noticet the end of the contractually agreedterm.
- 16 2For good causes, TÜVRheinland may consider giving a written notice to the client to terminate the contract which includes but not limited to the following:
 - a) the client does not immediately notify TÜV Rheinland of changes in the conditions within the company which are relevant for certification or signs of such changes;
 - b) the client misuses the certificate or certification mark or usesitin violation of the contract c) in the event of several consecutive delays in payment (at least three times);
 - d) a substantial deterioration of the financial circumstances of the client occurs and as a result the payment claims of TÜV Rheinland under the contract are considerably endangered and TÜV Rheinland cannot reasonably be expected to continue the contractual relationship.
- TOV Khemland cannot reasonaby be expected to continue the contractual relationship. In the event of termination with written notice by TÜV Rheinland for good cause, TÜV Rheinland shall be emitted to a lump-sum claim for damages agains the clientlifhe conditions of a claim for damages exist in his case, the clientshall owe 15% of the remuneration to be paid until he end of the Ked contract termas lump-sum compensation. The client reserves the right to prove that there is no damage or a considerably lower damage, TÜV Rheinlandreserves for right to prove a considerably higher damage in individual cases:
- 16.4TÜV Rheinland is also entilled to terminate the contractwith written notice if the client has not been able to make use of the time windows for auditing & ervice provision provided by TÜV. Rheinland within the scope of a certification procedure and the certificate herefore has to be withdrawn (for example during the performance of monitoring audits). Clause 16.3 applies accordingly.

17. 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 17.1.
- Should one or several of the provisions under the contractand/or these terms and co be or become ineffective, the contracting parties shall replace the invalid provision that comes closes to the content of the invalid provision in legal and comterms.
- Unless otherwise stipulated in the contract, the governing law of the contract and the and conditions shall be chosenfollowing the rules as below:
 - a) if TÜV Rheinland in question is legally registered and existing in the People's Repu China, the contracting parties hereby agreethat the contract and these terms and con-shall be governed by the laws of the People's Republic of China.
 - b)ifTÜV Rheinland in question is legally registered and existing in Taiwan, the contracting parties hereby agree that the contract and these terms and conditions shall be governed by the laws of Taiwan. c)ifTÜV Rheinland in question is legally registeredand 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 thereofshall 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.
 - a)In the case of TÜV Rheinland in question being legally registered and existing in the People's Republic of China, be China hibernational Economic and TradeAbitation Commission (CETAC) to be settled by arbitation under the Abitration Rules of CETAC in force when the arbitration is submitted. The arbitration shall take place in Beijing, Shanghai, Shenzhan or Chongding as appropriately chosen bythe claiming party.
 - b) in the case of TÜV Rheinland in question being legally registeredand existing in Talwar to Chinese Arbitration Association Taipel Branch to be arbitrated in accordance with its ther current Rules of Arbitration. The arbitration shall take place in Taipel.
 - c)in the case of TÜV Rheinland being legally registered and existing in Hong Kong, b Horg Kong International Arbitration Centre (HKIAC) to be setted 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 alke place in HongKong.
 - 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.