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Client: ORIENTAL RECREATIONAL PRODUCTS (SHANGHAI) CO., LTD.

Contact Information: No. 1699 Da Ye Road, Wu Qiao, Fengxian, Shanghai, P.R. China

Identification/ BUBBLE SPA, JET&BUBBLE SPA

Model No(s): Please refer to page 2.

Condition at delivery: Test item complete and undamaged.

Sample Receiving date: 2024-10-18,2024-10-28,2024-11-05

Testing Period:2024-10-18 to 2024-11-07Place of testing:Chemical laboratory Shanghai

Test Specification: Test result:

Customer's requirement:

1. Screening Test by XRF Spectroscopy

PASS

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

Benzylbutyl phthalate (BBP), Dibutyl phthalate (DBP), Bis(2-ethylhexyl)

phthalate (DEHP), Diisobutyl phthalate (DIBP)

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

Other information:

Please be kindly noted test points were selected according to client's requirement.

For and on behalf of

2024-11-12

TÜV Rheinland (Shanghai) Co., Ltd.

Ryan Chen / Department 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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LSYYY-XX,LRYYY-XX,LSYYYU-XX,LRYYYU-XX,C-XXYYY,U-XXYYY,U-XXYYYW,M-XXYYY,M-XXYYYW,F-XXYYYY,F-XXYYYW,F-XXYYYYY,F-XXYYYYY,F-XXYYY,F-XXYYYYY,F-XXYYYY,F-XXYYYY,F-XXYYYY,F-XXYYYY,F-XXYYYY,F-XXYYYY,F-XXYYYY,F-XXYYYY,F-XXYYYY,F-XXYYYY,F-XXYYYYY,F-XXYYYY,F-XXYYYY,F-XXYYYYY,F-XXYYYYYY,F-XXYYYY,F-XXYYYY,F-XXYYYY,F-XXYYYY,F-XXYYYY,F-XXYYY

XX is a combination of any two letters A-Z (example:NA,GR,GL,TE,BE,OM,ST,FE,ME,MO,NE,AG,AU,VT,RB,BR,CA,OT,NA,DU,TU,TR,PO,SH,EX,VE,OS,AM,SA,HA,XX),represents the unique name of each product which corresponds to a colour/print and shape. YYY is a combination of any three numbers 0-9(example:022,042,062,082,043,063,083...), represents the size of the pool and version of the electric cabinet.

W is optional, represents that the SPA is with Wi-Fi control function:

P is optional, represents the big size of the pool;

E is optional, represents the environmentally friendly packaging.



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Material List:

BUBBLE SPA, JET&BUBBLE SPA Item:

Please refer to page 2.

Material No.	Material	Color	Location
A001	Plastic	transparent	refer to photo
A002	Plastic	black	refer to photo
A003	Plastic	white	refer to photo
A004	Plastic	light blue	refer to photo
A005	Plastic + coating	light orange-yellow	refer to photo
A006	Plastic	black	refer to photo
A007	Metal	black	refer to photo
A008	Plastic	brown	refer to photo
A009	Metal	silver	refer to photo
A010	Plastic + coating	dark grey	refer to photo
A011	Plastic	dark grey	refer to photo
A012	Plastic	light blue	refer to photo
A013	Plastic	white	refer to photo
A014	Plastic	black	refer to photo
A015	Plastic	dark grey	refer to photo
A016	Plastic	white	refer to photo
A017	Rubber	black	refer to photo
A018	Rubber	white	refer to photo
A020	Metal	golden	refer to photo
A021	Metal	silver	refer to photo
A022	Plastic + coating	golden	refer to photo
A023	Metal + coating	light orange-yellow	refer to photo
A024	Plastic	white	refer to photo
A025	Plastic	dark grey	refer to photo
A026	Metal + coating	black	refer to photo
A027	Plastic	white	refer to photo
A028	Plastic + printing + adhesive	transparent+black	refer to photo
A029	Plastic + printing	dark grey-white	refer to photo



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A030	Plastic	black	refer to photo
A031	Electronic components	black	refer to photo
A032	Electronic components	black	refer to photo
A033	Electronic components	black	refer to photo
A034	Electronic components	black	refer to photo
A035	Electronic components	transparent-yellow	refer to photo
A036	Electronic components	light yellow	refer to photo
A037	Electronic components	orange-yellow	refer to photo
A038	Electronic components	black	refer to photo
A039	Metal	silver	refer to photo
A040	Metal	silver	refer to photo
A041	Electronic components	black	refer to photo
A042	Electronic components	black	refer to photo
A043	Metal	golden	refer to photo
A044	PCB board	cyan-blue	refer to photo
A045	PCB board	dark cyan-blue	refer to photo
A046	Metal	silver	refer to photo
A047	Plastic	black	refer to photo
A048	Ceramic	golden-white	refer to photo
A049	Metal	silver	refer to photo
A050	Metal	silver	refer to photo
A051	Plastic	transparent	refer to photo
A052	Plastic + printing	white/black	refer to photo
A053	Plastic	white	refer to photo
A054	Metal	silver	refer to photo
A055	Plastic + printing	black/yellow	refer to photo
A056	Metal	silver	refer to photo
A057	Electronic components	-	refer to photo
A058	Plastic	black	refer to photo
A059	Metal	silver	refer to photo
A060	Plastic	black	refer to photo
A061	Plastic	black	refer to photo



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A062	Plastic + printing + adhesive	silver-black	refer to photo
A063	Plastic + printing	black/white	refer to photo
A064	Paper + adhesive	white	refer to photo
A065	Metal	silver	refer to photo
A066	Plastic	black	refer to photo
A067	Plastic	transparent-yellow	refer to photo
A068	Metal	light orange-brown	refer to photo
A069	Metal	silver	refer to photo
A070	Plastic	black	refer to photo
A071	Plastic	pink-red	refer to photo
A072	Plastic	black	refer to photo
A073	Plastic	dark green-cyan	refer to photo
A074	Plastic	white	refer to photo
A075	Plastic	black	refer to photo
A076	Metal	silver	refer to photo
A077	Plastic	black	refer to photo
A078	Metal	silver	refer to photo
A079	Metal	silver	refer to photo
A080	Metal	silver	refer to photo
A081	Electronic components	black	refer to photo
A082	Glue	yellow-green	refer to photo
A083	Plastic + printing	black/white	refer to photo
A084	Plastic	white	refer to photo
A085	Plastic	black	refer to photo
A086	Plastic	black	refer to photo
A087	Foam material	white	refer to photo
A088	Plastic	grey	refer to photo
A089	Paper	white	refer to photo
A090	Plastic	grey	refer to photo
A091	Plastic	black	refer to photo
A092	Plastic	black	refer to photo
A093	Plastic	black	refer to photo

TÜV Rheinland (Shanghai) Co., Ltd., Shanghai TÜV Rheinland Building, No. 177, Lane 777, West Guangzhong Road, Jing'an District, Shanghai, 200072, P.R.China
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A094	Plastic	red	refer to photo
A095	Plastic	black	refer to photo
A096	Plastic	black	refer to photo
A097	Plastic	black	refer to photo
A098	Metal	silver	refer to photo
A099	Plastic	white	refer to photo
A100	Metal	dark red-orange	refer to photo
A101	Plastic	grey	refer to photo
A102	Plastic	white	refer to photo
A103	Plastic	grey	refer to photo
A104	Plastic	dark grey	refer to photo
A105	Plastic + printing + adhesive	multi color	refer to photo
A106	Plastic	black	refer to photo
A107	Metal	silver	refer to photo
A108	Electronic components	transparent	refer to photo
A109	Metal	silver	refer to photo
A110	Metal	silver	refer to photo
A111	Electronic components	black	refer to photo
A112	Electronic components	grey	refer to photo
A113	PCB board	dark green-cyan	refer to photo
A114	Metal	silver	refer to photo
A116	Plastic	black	refer to photo
A117	Textile	black	refer to photo
A118	Textile	black	refer to photo
A119	Metal	silver	refer to photo
A120	Plastic	black	refer to photo
A121	Textile	black	refer to photo
A122	Textile	white	refer to photo
A123	Foam material	grey	refer to photo
A124	Plastic	transparent	refer to photo
A125	Metal + coating	white	refer to photo
A126	Electronic components	white	refer to photo
TÜV Dhainland	(Chanahai) Ca tal Chanahai	TÜV Dhairland Duilding Na 477 La	une 777 West Guanazhona Road Ilina'an District

TÜV Rheinland (Shanghai) Co., Ltd., Shanghai TÜV Rheinland Building, No. 177, Lane 777, West Guangzhong Road, Jing'an District, Shanghai, 200072, P.R.China
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A127	Electronic components	black	refer to photo
A128	Plastic	dark grey	refer to photo
A130	Plastic	white-blue	refer to photo
A131	Glue	transparent	refer to photo
A132	Metal	silver	refer to photo
A133	Electronic components	black	refer to photo
A134	Electronic components	black	refer to photo
A135	Metal	silver	refer to photo
A136	PCB board	dark green	refer to photo
A137	Plastic	orange	refer to photo
A138	Plastic	cyan-blue	refer to photo
A139	Metal	dark red-orange	refer to photo
A140	Plastic	black	refer to photo
A141	Plastic	black	refer to photo
A142	Plastic	black	refer to photo
A143	Metal	silver	refer to photo
A144	Plastic + printing	grey/black	refer to photo
A145	Plastic	transparent	refer to photo
A146	Plastic	grey	refer to photo
A147	Plastic	transparent	refer to photo
A148	Plastic	dark grey	refer to photo
A150	Plastic	transparent	refer to photo
A151	Textile	white	refer to photo
A152	Plastic	transparent	refer to photo
A153	Plastic	white	refer to photo
A154	Plastic	dark grey	refer to photo
A155	Foam material	white	refer to photo
A156	Plastic + coating	beige	refer to photo
A157	Plastic + coating	black	refer to photo
A158	Plastic	black	refer to photo
A159	Plastic	dark grey	refer to photo
A160	Plastic	grey	refer to photo



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A161	Plastic	dark grey	refer to photo
A162	Plastic	transparent	refer to photo
A163	Plastic	white	refer to photo
A164	Plastic	grey	refer to photo
A165	Metal	silver	refer to photo
A166	Plastic	white	refer to photo
A167	Plastic	white	refer to photo
A168	Metal	silver	refer to photo
A169	Plastic + coating	grey	refer to photo
A170	Plastic	transparent	refer to photo
A172	Plastic	dark grey	refer to photo
A173	Plastic	black	refer to photo
A174	Metal	black	refer to photo
A175	Metal	silver	refer to photo
A176	Metal	silver	refer to photo
A177	Metal	silver	refer to photo
A178	Metal	silver	refer to photo
A179	Metal	silver	refer to photo
A180	Metal	silver	refer to photo
A181	Metal	grey	refer to photo
A182	Metal	silver	refer to photo
A183	Metal	silver	refer to photo
A184	Metal	silver	refer to photo
A186	Metal	silver	refer to photo
A187	Plastic	black	refer to photo
A188	Plastic	purple	refer to photo
A189	Plastic	black	refer to photo
A190	Textile	orange-yellow	refer to photo
A191	Metal	orange-brown	refer to photo
A192	Plastic	transparent	refer to photo
A194	Plastic	light orange-yellow	refer to photo
A195	Plastic	black	refer to photo



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A196	Plastic	white	refer to photo
A197	Plastic	white	refer to photo
A198	Plastic + adhesive	black	refer to photo
A199	Metal	silver	refer to photo
A200	Electronic components	light yellow-green	refer to photo
A201	Plastic + printing	black/white	refer to photo
A202	Plastic + printing	transparent/black	refer to photo
A203	Plastic + adhesive	white	refer to photo
A204	Plastic	grey	refer to photo
A205	Metal	silver	refer to photo
A206	Plastic	grey	refer to photo
A207	Foam material	black	refer to photo
A208	Plastic	dark grey	refer to photo
A209	Metal	silver	refer to photo
A210	Plastic	black	refer to photo
A211	Plastic	black	refer to photo
A212	Plastic	black	refer to photo
A213	Plastic	black	refer to photo
A214	Plastic	dark yellow-green	refer to photo
A215	Plastic	dark cyan	refer to photo
A216	Plastic	brown	refer to photo
A217	Textile	white	refer to photo
A218	Plastic + Textile	white	refer to photo
A219	Metal	silver	refer to photo
A220	Metal	silver	refer to photo
A221	Plastic	white	refer to photo
A222	Plastic	black	refer to photo
A223	Metal	golden	refer to photo
A224	Metal	orange-brown	refer to photo
A225	Plastic	black	refer to photo
A226	Metal	silver	refer to photo
A227	Metal	silver	refer to photo



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A228	Foam + adhesive	black	refer to photo
A229	Plastic	black	refer to photo
A230	Plastic	black	refer to photo
A231	Plastic	black	refer to photo
A232	Plastic	dark grey	refer to photo
A233	Plastic	dark green	refer to photo
A234	Plastic	dark green	refer to photo
A235	Plastic	black	refer to photo
A236	Plastic	transparent	refer to photo
A237	Plastic	black	refer to photo
A238	Plastic	transparent	refer to photo
A239	Metal	silver	refer to photo
A240	Metal	silver	refer to photo
A241	Plastic	transparent	refer to photo
A242	Metal	silver	refer to photo
A243	Plastic	black	refer to photo
A244	Metal	silver	refer to photo
A245	Plastic	black	refer to photo
A246	Metal	silver	refer to photo
A247	Metal	silver	refer to photo
A248	Plastic	black	refer to photo
A249	Plastic	black	refer to photo
A250	Metal	silver	refer to photo
A251	Metal	silver	refer to photo
A252	Metal	silver	refer to photo
A253	Plastic	black	refer to photo
A254	Metal	dark orange-brown	refer to photo
A255	Metal	orange-brown	refer to photo
A256	Metal	silver	refer to photo
A257	Metal	silver	refer to photo
A258	Metal	orange-brown	refer to photo
A259	Magnet	black	refer to photo



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A260	Metal	silver	refer to photo
A261	Plastic	black	refer to photo
A262	Metal	silver	refer to photo
A263	Plastic	light green-cyan	refer to photo
A264	Metal	golden	refer to photo
A265	Magnet	black	refer to photo
A266	Metal	orange-brown	refer to photo
A267	Metal	silver	refer to photo
A268	Plastic	black	refer to photo
A269	Metal	silver	refer to photo
A270	Plastic	white	refer to photo
A271	Plastic + Textile + Printing	white-green	refer to photo
A272	Metal + coating	black	refer to photo
A273	Plastic + printing + adhesive	silver/black/red	refer to photo
A275	Plastic	blue	refer to photo
A276	Plastic	black	refer to photo
A277	Plastic	black	refer to photo
A278	Plastic	black	refer to photo
A279	Plastic	yellow	refer to photo
A280	Plastic	light yellow	refer to photo
A281	Electronic components	yellow	refer to photo
A282	Electronic components	dark yellow	refer to photo
A283	Plastic + Textile + Printing	white-red	refer to photo
A284	Plastic	transparent	refer to photo
A285	Plastic + printing + adhesive	golden-black	refer to photo
A286	Glue	dark grey	refer to photo
A287	Plastic	yellow	refer to photo
A288	Plastic	light yellow	refer to photo
A289	Electronic components	orange-yellow	refer to photo
A290	Metal	silver	refer to photo

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A291	Electronic components	black	refer to photo	
A292	Electronic components	yellow	refer to photo	
A293	Plastic	black	refer to photo	
A294	Plastic	dark red	refer to photo	
A295	Plastic	black	refer to photo	
A296	Metal	silver	refer to photo	
A297	Metal	silver	refer to photo	
A298	Plastic	black	refer to photo	
A299	Metal	silver	refer to photo	
A300	Metal	light orange-brown	refer to photo	
A301	Metal	dark orange-brown	refer to photo	
A302	Metal	silver	refer to photo	
A303	Plastic	black	refer to photo	
A304	Plastic	black	refer to photo	
A305	Metal	silver	refer to photo	
A306	Plastic + printing	black-white	refer to photo	
A307	Electronic components	black	refer to photo	
A308	Metal	silver	refer to photo	
A309	Electronic components	blue	refer to photo	
A310	Plastic + printing	dark green-yellow	refer to photo	
A311	Plastic + printing + adhesive	light yellow-green	refer to photo	
A312	Plastic	black	refer to photo	
A313	Plastic	transparent	refer to photo	
A314	Plastic	black	refer to photo	
A315	Metal	silver	refer to photo	
A316	Electronic components	black	refer to photo	
A317	Plastic + printing	dark red	refer to photo	
A318	Graphite	green	refer to photo	
A319	Plastic	light yellow	refer to photo	
A320	Metal	silver	refer to photo	
A321	Metal	silver	refer to photo	
A322	Metal	light orange-brown	refer to photo	
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A323	Ceramic	black	refer to photo	
A324	Metal	red	refer to photo	
A325	Electronic components	black	refer to photo	
A326	Electronic components	black	refer to photo	
A327	Plastic	light yellow	refer to photo	
A328	Magnet	black	refer to photo	
A329	Ceramic	white	refer to photo	
A330	Plastic	white	refer to photo	
A331	Metal	silver	refer to photo	
A332	Plastic	yellow	refer to photo	
A333	Plastic	black	refer to photo	
A334	Electronic components	black	refer to photo	
A335	Plastic	light yellow	refer to photo	
A336	Plastic	light yellow	refer to photo	
A337	Metal	golden	refer to photo	
A338	Electronic components	black	refer to photo	
A339	Plastic	transparent	refer to photo	
A340	Plastic	grey	refer to photo	
A341	Plastic	cyan-blue	refer to photo	
A342	Plastic	brown	refer to photo	
A343	Metal	orange-brown	refer to photo	
A344	Plastic	black	refer to photo	
A345	Electronic components	white	refer to photo	
A346	Plastic	white	refer to photo	
A347	Plastic	dark blue	refer to photo	
A348	Plastic	black	refer to photo	
A349	Plastic	transparent	refer to photo	
A350	Plastic	black	refer to photo	
A351	Metal	silver	refer to photo	
A352	Plastic	transparent-yellow	refer to photo	
A353	Glass	transparent	refer to photo	
A354	Plastic	red	refer to photo	



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A355	Plastic	black	refer to photo	
A356	Metal + coating	black	refer to photo	
A357	Glue	yellow	refer to photo	
A358	Metal	-	refer to photo	
A359	Metal	yellow	refer to photo	
A360	Plastic	black	refer to photo	
A361	Plastic	black	refer to photo	
A362	Plastic	dark green	refer to photo	
A363	Plastic	yellow	refer to photo	
A364	Plastic	black	refer to photo	
A365	Metal	silver	refer to photo	
A366	Metal	golden	refer to photo	
A367	Plastic	yellow-green	refer to photo	
A368	Metal	silver	refer to photo	
A369	Metal	silver	refer to photo	
A370	Plastic	red	refer to photo	
A371	Plastic	black	refer to photo	
A373	Plastic	black	refer to photo	
A374	PCB board	-	refer to photo	
A375	Metal	silver	refer to photo	
A376	Metal	silver	refer to photo	
A377	Plastic	transparent	refer to photo	
A378	Metal	dark red-orange	refer to photo	
A379	Metal	silver	refer to photo	
A380	Plastic	red	refer to photo	
A381	Plastic	red	refer to photo	
A382	Plastic	red	refer to photo	
A383	Metal	silver	refer to photo	
A384	Metal	white	refer to photo	
A385	Metal	silver	refer to photo	
A386	Plastic	orange-yellow	refer to photo	
A387	Plastic	black	refer to photo	



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A388	Plastic	black	refer to photo	
A389	Plastic	black	refer to photo	
A390	Plastic	red-orange	refer to photo	
A391	Plastic	white	refer to photo	
A392	Plastic	red	refer to photo	
A393	Metal	silver	refer to photo	
A394	Plastic	white	refer to photo	
A395	Plastic	transparent	refer to photo	
A396	Plastic	dark red	refer to photo	
A397	Plastic	grey	refer to photo	
A398	Metal	dark grey	refer to photo	
A399	Metal	silver	refer to photo	
A400	Ceramic	silver	refer to photo	
A401	Metal	silver	refer to photo	
A402	Metal	silver	refer to photo	
A403	Metal	silver	refer to photo	
A404	Metal	silver	refer to photo	
A405	Plastic	black	refer to photo	
A406	Plastic	black	refer to photo	
A407	Plastic	white	refer to photo	
A408	Metal	silver	refer to photo	
A409	Plastic	black	refer to photo	
A410	Plastic	black	refer to photo	
A411	Plastic	black	refer to photo	
A412	Ceramic	white	refer to photo	
A413	Metal	silver	refer to photo	
A414	Metal	silver	refer to photo	
A415	Metal	silver	refer to photo	
A416	Metal	dark green	refer to photo	
A417	Plastic	black	refer to photo	
A418	Plastic	black	refer to photo	
A419	Plastic	black	refer to photo	



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A420	Metal	silver	refer to photo	
A421	Plastic	black	refer to photo	
A422	Plastic	dark red-orange	refer to photo	
A423	Metal	silver	refer to photo	
A424	Metal	silver	refer to photo	
A425	Metal	silver	refer to photo	
A426	Plastic	black	refer to photo	
A427	Metal	golden	refer to photo	
A428	Plastic	red	refer to photo	
A429	Plastic	orange	refer to photo	
A430	Plastic	brown	refer to photo	
A431	Plastic	dark blue	refer to photo	
A432	Plastic	white	refer to photo	
A433	Plastic	green	refer to photo	
A434	Plastic	yellow	refer to photo	
A435	Plastic	black	refer to photo	
A436	Plastic	transparent	refer to photo	
A437	Plastic	transparent	refer to photo	
A438	Plastic	black	refer to photo	
A439	Plastic	transparent	refer to photo	
A440	Plastic	dark cyan-blue	refer to photo	
A441	Plastic	grey	refer to photo	
A442	Plastic	dark grey	refer to photo	
A443	Plastic	dark grey	refer to photo	
A444	Metal	silver	refer to photo	
A445	Metal	silver	refer to photo	
A446	Metal	silver	refer to photo	
A447	Plastic	white	refer to photo	
A448	Plastic	white	refer to photo	
A449	Plastic	white	refer to photo	
A450	Plastic	white	refer to photo	
A451	Magnet	black	refer to photo	



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A452	Plastic	grey	refer to photo	
A453	Metal	black	refer to photo	
A454	Plastic	black	refer to photo	
A455	Magnet	dark grey	refer to photo	
A456	Metal	silver	refer to photo	
A457	Metal	dark pink-red	refer to photo	
A457	Plastic	light yellow	refer to photo	
A459	Plastic + adhesive	yellow		
		-	refer to photo	
A460	Textile	light orange-brown	refer to photo	
A461	Plastic	blue	refer to photo	
A462	Plastic	black	refer to photo	
A463	Plastic	brown	refer to photo	
A464	Metal	silver	refer to photo	
A465	Metal	silver	refer to photo	
A466	Metal	silver	refer to photo	
A467	Metal	silver	refer to photo	
A468	Metal	silver	refer to photo	
A469	Metal	silver	refer to photo	
A470	Metal	silver	refer to photo	
A471	Metal	silver	refer to photo	
A472	Metal	silver	refer to photo	
A473	Metal	silver	refer to photo	
A474	Metal	silver	refer to photo	
A475	Metal	silver	refer to photo	
A476	Metal	grey	refer to photo	
A477	Metal	silver	refer to photo	
A478	Metal	silver	refer to photo	
A479	Metal	silver	refer to photo	
A480	Metal	silver	refer to photo	
A481	Metal	silver	refer to photo	
A482	Metal	silver	refer to photo	
A483	Metal	silver	refer to photo	



Test Re	port No.: 326057	Page 18 of 64	
A484	Metal	silver	refer to photo
A485	Metal	silver	refer to photo
A486	Metal	silver	refer to photo
A487	Metal	silver	refer to photo
A488	Metal	silver	refer to photo
A489	89 Metal silver refer to photo		refer to photo
A490	Metal	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
A001	BL	BL	BL	BL	BL
A002	BL	BL	BL	BL	d.(*1)
A003	BL	BL	BL	BL	BL
A004	BL	BL	BL	BL	BL
A005	BL	BL	BL	BL	BL
A006	BL	BL	BL	BL	BL
A007	BL	d.(*1)	BL	BL	n.a.
A008	BL	BL	BL	BL	BL
A009	BL	d.(*1)	BL	BL	n.a.
A010	BL	BL	BL	BL	BL
A011	BL	BL	BL	BL	BL
A012	BL	BL	BL	BL	BL
A013	BL	BL	BL	BL	BL
A014	BL	BL	BL	BL	BL
A015	BL	BL	BL	BL	d.(*1)
A016	BL	BL	BL	BL	d.(*1)
A017	BL	BL	BL	BL	BL
A018	BL	BL	BL	BL	BL
A020	BL	BL	BL	BL	n.a.
A021	BL	BL	BL	BL	n.a.
A022	BL	BL	BL	BL	BL
A023	BL	BL	BL	BL	n.a.
A024	BL	BL	BL	BL	BL
A025	BL	BL	BL	BL	BL
A026	BL	BL	BL	BL	n.a.
A027	BL	BL	BL	BL	BL
A028	BL	BL	BL	BL	BL
A029	BL	BL	BL	BL	BL
A030	BL	BL	BL	BL	BL
A031	BL	BL	BL	BL	BL
A032	BL	BL	BL	BL	BL
A033	BL	BL	BL	BL	BL
A034	BL	BL	BL	BL	BL
A035	BL	BL	BL	BL	BL
A036	BL	BL	BL	BL	BL
A037	BL	BL	BL	BL	BL
A038	BL	BL	BL	BL	BL



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A039	BL	BL	BL	BL	n.a.
A040	BL	d.(*1)	BL	BL	n.a.
A041	BL	d.(*1)	BL	BL	BL
A042	BL	BL	BL	BL	BL
A043	BL	BL	BL	BL	n.a.
A044	BL	BL	BL	BL	d.(*1)
A045	BL	BL	BL	BL	d.(*1)
A046	BL	BL	BL	BL	n.a.
A047	BL	BL	BL	BL	BL
A048	BL	BL	d.(*1)	BL	n.a.
A049	BL	BL	BL	BL	n.a.
A050	BL	d.(*1)	BL	BL	n.a.
A051	BL	BL	BL	BL	BL
A052	BL	BL	BL	BL	BL
A053	BL	BL	BL	BL	BL
A054	BL	BL	BL	BL	n.a.
A055	BL	BL	BL	BL	BL
A056	BL	BL	BL	BL	n.a.
A057	BL	BL	BL	BL	BL
A058	BL	BL	BL	BL	BL
A059	BL	BL	BL	BL	n.a.
A060	BL	BL	BL	BL	BL
A061	BL	BL	BL	BL	BL
A062	BL	BL	BL	BL	BL
A063	BL	BL	BL	BL	BL
A064	BL	BL	BL	BL	BL
A065	BL	d.(*1)	BL	BL	n.a.
A066	BL	BL	BL	BL	BL
A067	BL	BL	BL	BL	BL
A068	BL	BL	BL	BL	n.a.
A069	BL	BL	BL	BL	n.a.
A070	BL	BL	BL	BL	BL
A071	BL	BL	BL	BL	BL
A072	BL	BL	BL	BL	BL
A073	BL	BL	BL	BL	BL
A074	BL	BL	BL	BL	BL
A075	BL	BL	BL	BL	BL
A076	BL	BL	BL	BL	n.a.
A077	BL	BL	BL	BL	BL
A078	BL	BL	BL	BL	n.a.
A079	BL	BL	BL	BL	n.a.
A080	BL	d.(*1)	BL	BL	n.a.
A081	BL	BL	BL	BL	BL
TÜL/ Dhainland (Changhai) C	141 01 1	. =			

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Tel +86 21 6108 1188 · Fax +86 21 6108 1099 · Mail: service-gc@tuv.com · Web: <u>www. tuv.com</u>



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A082						
A085 BL BL BL BL BL BL BL B	A082	BL	BL	BL	BL	BL
A086 BL BL BL BL BL BL BL B	A084	BL	BL	BL	BL	BL
A086 BL BL BL BL BL BL BL B	A085	BL	BL	BL	BL	BL
A087 BL BL BL BL BL BL BL B						
A088 BL B						
A089 BL BL BL BL BL BL BL A090 BL BL BL BL BL BL BL B						
A090 BL BL BL BL BL BL BL A091 BL BL BL BL BL BL BL B		BL			BL	
A091 BL BL BL BL BL BL BL A092 BL BL BL BL BL BL BL B						
A093 BL B		BL		BL	BL	BL
A093 BL B	A092	BL	BL	BL	BL	BL
A095 BL B	A093	BL	BL	BL	BL	BL
A096 BL B	A094	BL	BL	BL	BL	BL
A097 BL RD R	A095	BL	BL	BL	BL	BL
A097 BL RD R	A096	BL	BL	BL	BL	BL
A098 BL d.(*1) BL BL n.a. A099 BL BL BL BL BL BL A100 BL d.(*1) BL BL BL BL n.a. A101 BL BL <td></td> <td>BL</td> <td>BL</td> <td>BL</td> <td>BL</td> <td>BL</td>		BL	BL	BL	BL	BL
A099 BL RL R		BL	d.(*1)	BL	BL	n.a.
A101 BL B		BL		BL	BL	BL
A102 BL B	A100	BL		BL	BL	n.a.
A103 BL B	A101	BL	BL	BL	BL	BL
A104 BL B	A102	BL	BL	BL	BL	BL
A105 BL B		BL	BL	BL	BL	BL
A106 BL DL D	A104	BL	BL	BL	BL	BL
A107 BL d.(*1) BL BL n.a. A108 BL n.a.	A105	BL	BL	BL	BL	BL
A108 BL RL R	A106	BL	BL	BL	BL	BL
A108 BL RL R	A107	BL	d.(*1)	BL	BL	n.a.
A110 BL BL BL BL BL n.a. A111 BL BL <t< td=""><td>A108</td><td>BL</td><td></td><td>BL</td><td>BL</td><td>BL</td></t<>	A108	BL		BL	BL	BL
A111 BL B	A109	BL	BL	BL	BL	n.a.
A112 BL B	A110	BL	BL	BL	BL	n.a.
A113 BL DL D	A111	BL	BL	BL	BL	BL
A114 BL d.(*1) BL BL n.a. A116 BL n.a. Al	A112	BL	BL	BL	BL	BL
A116 BL B	A113	BL	BL	BL	BL	BL
A117 BL DL D	A114	BL	d.(*1)	BL	BL	n.a.
A118 BL BL BL BL BL BL BL BL An.a. A	A116	BL	BL	BL	BL	BL
A119 BL d.(*1) BL BL n.a. A120 BL BL BL BL d.(*1) A121 BL BL BL BL BL A122 BL BL BL BL BL A123 BL BL BL BL BL A124 BL BL BL BL BL A125 BL BL BL BL n.a.	A117	BL	BL	BL	BL	BL
A120 BL BL BL BL d.(*1) A121 BL BL BL BL BL BL A122 BL BL BL BL BL BL A123 BL BL BL BL BL BL A124 BL BL BL BL BL BL A125 BL BL BL BL BL n.a.	A118	BL	BL	BL	BL	BL
A121 BL BL BL BL A122 BL BL BL BL BL A123 BL BL BL BL BL BL A124 BL BL BL BL BL BL AL BL BL BL BL BL DL DL <t< td=""><td>A119</td><td>BL</td><td>d.(*1)</td><td>BL</td><td>BL</td><td>n.a.</td></t<>	A119	BL	d.(*1)	BL	BL	n.a.
A122 BL BL BL BL BL A123 BL BL BL BL BL BL A124 BL BL BL BL BL BL A125 BL BL BL BL n.a.	A120	BL	BL	BL	BL	d.(*1)
A123 BL BL BL BL A124 BL BL BL BL A125 BL BL BL BL n.a.	A121	BL	BL	BL	BL	BL
A124 BL BL BL BL A125 BL BL BL BL n.a.	A122	BL	BL	BL	BL	BL
A125 BL BL BL n.a.	A123	BL	BL	BL	BL	BL
	A124	BL	BL	BL	BL	BL
A126 BL BL BL BL	A125	BL	BL	BL	BL	n.a.
	A126	BL	BL	BL	BL	BL

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A127	BL	BL	BL	BL	BL
A128	BL	BL	BL	BL	d.(*1)
A130	BL	BL	BL	BL	BL
A131	BL	BL	BL	BL	BL
A132	BL	d.(*1)	BL	BL	n.a.
A133	BL	BL	BL	BL	BL
A134	BL	BL	BL	BL	BL
A135	BL	BL	BL	BL	n.a.
A136	BL	BL	BL	BL	d.(*1)
A137	BL	BL	BL	BL	BL
A138	BL	BL	BL	BL	BL
A139	BL	BL	BL	BL	n.a.
A140	BL	BL	BL	BL	BL
A141	BL	BL	BL	BL	BL
A142	BL	BL	BL	BL	BL
A143	BL	BL	BL	BL	n.a.
A144	BL	BL	BL	BL	BL
A145	BL	BL	BL	BL	BL
A146	BL	BL	BL	BL	BL
A147	BL	BL	BL	BL	BL
A148	BL	BL	BL	BL	BL
A150	BL	BL	BL	BL	BL
A151	BL	BL	BL	BL	BL
A152	BL	BL	BL	BL	BL
A153	BL	BL	BL	BL	BL
A154	BL	BL	BL	BL	BL
A155	BL	BL	BL	BL	BL
A156	BL	BL	BL	BL	BL
A157	BL	BL	BL	BL	BL
A158	BL	BL	BL	BL	BL
A159	BL	BL	BL	BL	BL
A160	BL	BL	BL	BL	BL
A161	BL	BL	BL	BL	BL
A162	BL	BL	BL	BL	BL
A163	BL	BL	BL	BL	BL
A164	BL	BL	BL	BL	BL
A165	BL	BL	BL	BL	n.a.
A166	BL	BL	BL	BL	BL
A167	BL	BL	BL	BL	BL
A168	BL	BL	BL	BL	n.a.
A169	BL	BL	BL	BL	BL
A170	BL	BL	BL	BL	BL
A172	BL	BL	BL	BL	BL

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A173						
A175 BL d.(*1) BL BL n.a. A176 BL BL BL BL BL n.a. A177 BL d.(*1) BL BL n.a. A178 BL BL BL BL n.a. A178 BL d.(*1) BL BL n.a. A179 BL d.(*1) BL BL n.a. A180 BL d.(*1) BL BL n.a. A180 BL d.(*1) BL BL n.a. A181 BL d.(*1) BL BL n.a. A182 BL d.(*1) BL BL n.a. A183 BL d.(*1) BL BL n.a. A184 BL d.(*1) BL BL n.a. A186 BL BL <td>A173</td> <td>BL</td> <td>BL</td> <td>BL</td> <td>BL</td> <td>BL</td>	A173	BL	BL	BL	BL	BL
A176 BL BL BL BL n.a. A177 BL d.(*1) BL BL BL n.a. A178 BL BL BL BL BL n.a. A179 BL d.(*1) BL BL n.a. A180 BL d.(*1) BL BL n.a. A181 BL d.(*1) BL BL n.a. A181 BL d.(*1) BL BL n.a. A182 BL d.(*1) BL BL n.a. A183 BL d.(*1) BL BL n.a. A184 BL d.(*1) BL BL n.a. A186 BL BL BL BL n.a. A187 BL	A174	BL	BL	BL	BL	n.a.
A176 BL BL BL BL BL n.a. A177 BL d.(*1) BL BL BL n.a. A178 BL BL BL BL BL n.a. A179 BL d.(*1) BL BL n.a. A180 BL d.(*1) BL BL n.a. A181 BL d.(*1) BL BL n.a. A181 BL d.(*1) BL BL n.a. A182 BL d.(*1) BL BL n.a. A183 BL d.(*1) BL BL n.a. A183 BL d.(*1) BL BL n.a. A184 BL d.(*1) BL BL n.a. A186 BL	A175	BL	d.(*1)	BL	BL	n.a.
A178 BL BL BL BL n.a. A179 BL d.(*1) BL BL n.a. A180 BL d.(*1) BL BL n.a. A181 BL d.(*1) BL BL n.a. A182 BL d.(*1) BL BL n.a. A183 BL d.(*1) BL BL n.a. A183 BL d.(*1) BL BL n.a. A184 BL BL BL BL n.a. A186 BL BL BL BL BL n.a. A187 BL	A176	BL	BL	BL	BL	
A178 BL BL BL BL n.a. A179 BL d.(*1) BL BL n.a. A180 BL d.(*1) BL BL n.a. A181 BL d.(*1) BL BL n.a. A182 BL d.(*1) BL BL n.a. A183 BL d.(*1) BL BL n.a. A183 BL d.(*1) BL BL n.a. A184 BL BL BL BL n.a. A186 BL BL BL BL BL n.a. A186 BL	A177	BL	d.(*1)	BL	BL	n.a.
A180 BL d.(*1) BL BL n.a. A181 BL d.(*1) BL BL n.a. A182 BL d.(*1) BL BL n.a. A183 BL d.(*1) BL BL n.a. A184 BL d.(*1) BL BL n.a. A186 BL BL BL BL n.a. A186 BL BL BL BL n.a. A187 BL	A178	BL	BL	BL	BL	n.a.
A181 BL d.(*1) BL BL n.a. A182 BL d.(*1) BL BL n.a. A183 BL d.(*1) BL BL n.a. A184 BL d.(*1) BL BL n.a. A186 BL BL BL BL BL n.a. A187 BL	A179	BL	d.(*1)	BL	BL	n.a.
A182 BL d.(*1) BL BL n.a. A183 BL d.(*1) BL BL n.a. A184 BL d.(*1) BL BL n.a. A186 BL BL BL BL n.a. A187 BL <	A180	BL	d.(*1)	BL	BL	n.a.
A183 BL d.(*1) BL BL n.a. A184 BL BL d.(*1) BL BL n.a. A186 BL BL BL BL BL n.a. A187 BL BL </td <td>A181</td> <td>BL</td> <td>d.(*1)</td> <td>BL</td> <td>BL</td> <td>n.a.</td>	A181	BL	d.(*1)	BL	BL	n.a.
A184 BL d.(*1) BL BL n.a. A186 BL BL BL BL n.a. A187 BL	A182	BL	d.(*1)	BL	BL	n.a.
A186 BL B	A183	BL	d.(*1)	BL	BL	n.a.
A187 BL B	A184	BL	d.(*1)	BL	BL	n.a.
A188 BL B	A186	BL	BL	BL	BL	n.a.
A189 BL B	A187	BL	BL	BL	BL	BL
A190 BL RL R	A188	BL	BL	BL	BL	BL
A191 BL B	A189	BL	BL	BL	BL	BL
A192 BL B	A190	BL	BL	BL	BL	BL
A194 BL B	A191	BL	BL	BL	BL	n.a.
A195 BL B	A192	BL	BL	BL	BL	BL
A196 BL B	A194	BL	BL	BL	BL	BL
A197 BL B	A195	BL	BL	BL	BL	BL
A198 BL B	A196	BL	BL	BL	BL	BL
A199 BL B	A197	BL	BL	BL	BL	BL
A200 BL B	A198	BL	BL	BL	BL	BL
A201 BL B	A199	BL	BL	BL	BL	n.a.
A202 BL M.a. A.a. A	A200	BL	BL	BL	BL	BL
A203 BL C.(*1) A204 BL	A201	BL	BL	BL	BL	BL
A204 BL BL BL BL d.(*1) A205 BL d.(*1) BL BL n.a. A206 BL BL BL BL BL BL A207 BL	A202	BL	BL	BL	BL	BL
A205 BL d.(*1) BL BL n.a. A206 BL	A203	BL	BL	BL	BL	
A206 BL B	A204	BL	BL	BL	BL	d.(*1)
A207 BL DL D	A205	BL	d.(*1)	BL	BL	n.a.
A208 BL BL BL BL BL A209 BL d.(*1) BL BL n.a. A210 BL BL BL BL BL A211 BL BL BL BL BL A212 BL BL BL BL BL A213 BL BL BL BL BL A214 BL BL BL BL BL A215 BL BL BL BL BL A216 BL BL BL BL BL	A206	BL	BL	BL	BL	BL
A209 BL d.(*1) BL BL n.a. A210 BL BL BL BL BL A211 BL BL BL BL BL A212 BL BL BL BL BL A213 BL BL BL BL BL A214 BL BL BL BL BL A215 BL BL BL BL BL A216 BL BL BL BL BL	A207	BL	BL	BL	BL	BL
A210 BL B	A208	BL	BL	BL	BL	BL
A211 BL BL BL BL BL BL A212 BL BL BL BL BL BL A213 BL BL BL BL BL BL A214 BL BL BL BL BL BL A215 BL BL BL BL BL BL A216 BL BL BL BL BL BL	A209	BL	d.(*1)	BL	BL	n.a.
A212 BL BL BL BL BL A213 BL BL BL BL BL BL A214 BL BL BL BL BL BL A215 BL BL BL BL BL BL A216 BL BL BL BL BL BL	A210	BL	BL	BL	BL	BL
A213 BL BL BL BL BL A214 BL BL BL BL BL BL A215 BL BL BL BL BL BL A216 BL BL BL BL BL BL	A211	BL	BL	BL	BL	BL
A214 BL BL BL BL A215 BL BL BL BL BL A216 BL BL BL BL BL BL	A212	BL	BL	BL	BL	BL
A215 BL BL BL BL BL A216 BL BL BL BL BL	A213	BL	BL		BL	BL
A216 BL BL BL BL	A214	BL	BL	BL	BL	BL
	A215	BL	BL	BL	BL	
A217 BL BL BL BL						
	A217	BL	BL	BL	BL	BL



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A218	BL	BL	BL	BL	BL
A219	BL	BL	BL	BL	n.a.
A220	BL	BL	BL	BL	n.a.
A221	BL	BL	BL	BL	BL
A222	BL	BL	BL	BL	BL
A223	BL	BL	BL	BL	n.a.
A224	BL	BL	BL	BL	n.a.
A225	BL	BL	BL	BL	BL
A226	BL	BL	BL	BL	n.a.
A227	BL	BL	BL	BL	n.a.
A228	BL	BL	BL	BL	BL
A229	BL	BL	BL	BL	BL
A230	BL	BL	BL	BL	BL
A231	BL	BL	BL	BL	BL
A232	BL	BL	BL	BL	BL
A233	BL	BL	BL	BL	BL
A234	BL	BL	BL	BL	BL
A235	BL	BL	BL	BL	BL
A236	BL	BL	BL	BL	BL
A237	BL	BL	BL	BL	BL
A238	BL	BL	BL	BL	BL
A239	BL	d.(*1)	BL	BL	n.a.
A240	BL	d.(*1)	BL	BL	n.a.
A241	BL	BL	BL	BL	BL
A242	BL	BL	BL	BL	n.a.
A243	BL	BL	BL	BL	BL
A244	BL	d.(*1)	BL	BL	n.a.
A245	BL	BL	BL	BL	BL
A246	BL	BL	BL	BL	n.a.
A247	BL	BL	BL	BL	n.a.
A248	BL	BL	BL	BL	BL
A249	BL	BL	BL	BL	d.(*1)
A250	BL	BL	BL	BL	n.a.
A251	BL	d.(*1)	BL	BL	n.a.
A252	BL	d.(*1)	BL	BL	n.a.
A253	BL	BL	BL	BL	BL
A254	BL	BL	BL	BL	n.a.
A255	BL	BL	BL	BL	n.a.
A256	BL	d.(*1)	BL	BL	n.a.
A257	BL	BL	BL	BL	n.a.
A258	BL	BL	BL	BL	n.a.
A259	BL	BL	BL	BL	n.a.
A260	BL	BL	BL	BL	n.a.
FÜL/ Dhainland (Changhai) C	1.1.01				

TÜV Rheinland (Shanghai) Co., Ltd., Shanghai TÜV Rheinland Building, No. 177, Lane 777, West Guangzhong Road, Jing'an District, Shanghai, 200072, P.R.China
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A261	BL	BL	BL	BL	BL
A262	BL	d.(*1)	BL	BL	n.a.
A263	BL	BL	BL	BL	BL
A264	BL	BL	BL	BL	n.a.
A265	BL	BL	BL	BL	n.a.
A266	BL	BL	BL	BL	n.a.
A267	BL	BL	BL	BL	n.a.
A268	BL	BL	BL	BL	BL
A269	BL	d.(*1)	BL	BL	n.a.
A270	BL	BL	BL	BL	BL
A271	BL	BL	BL	BL	BL
A272	BL	BL	BL	BL	n.a.
A273	BL	BL	BL	BL	BL
A275	BL	BL	BL	BL	BL
A276	BL	BL	BL	BL	BL
A277	BL	BL	BL	BL	d.(*1)
A278	BL	BL	BL	BL	BL
A279	BL	BL	BL	BL	d.(*1)
A280	BL	BL	BL	BL	d.(*1)
A281	BL	BL	BL	BL	d.(*1)
A282	BL	BL	BL	BL	d.(*1)
A283	BL	BL	BL	BL	BL
A284	BL	BL	BL	BL	BL
A285	BL	BL	BL	BL	BL
A286	BL	BL	BL	BL	BL
A287	BL	BL	BL	BL	d.(*1)
A288	BL	BL	BL	BL	d.(*1)
A289	BL	BL	BL	BL	d.(*1)
A290	BL	BL	BL	BL	n.a.
A291	BL	BL	BL	BL	d.(*1)
A292	BL	BL	BL	BL	d.(*1)
A293	BL	BL	BL	BL	d.(*1)
A294	BL	BL	BL	BL	BL
A295	BL	BL	BL	BL	BL
A296	BL	BL	BL	BL	n.a.
A297	BL	BL	BL	BL	n.a.
A298	BL	BL	BL	BL	BL
A299	BL	d.(*1)	BL	BL	n.a.
A300	BL	BL	BL	BL	n.a.
A301	BL	BL	BL	BL	n.a.
A302	BL	BL	BL	BL	n.a.
A303	BL	BL	BL	BL	d.(*1)
A304	BL	BL	BL	BL	d.(*1)
TÜV Dhainland (Changhai) C					

TÜV Rheinland (Shanghai) Co., Ltd., Shanghai TÜV Rheinland Building, No. 177, Lane 777, West Guangzhong Road, Jing'an District, Shanghai, 200072, P.R.China
Tel +86 21 6108 1188 · Fax +86 21 6108 1099 · Mail: service-gc@tuv.com · Web: <u>www. tuv.com</u>



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A305	BL	BL	BL	BL	n.a.
A306	BL	BL	BL	BL	BL
A307	BL	BL	BL	BL	d.(*1)
A308	BL	BL	BL	BL	n.a.
A309	BL	BL	BL	BL	BL
A310	BL	BL	BL	BL	BL
A311	BL	BL	BL	BL	BL
A312	BL	BL	BL	BL	d.(*1)
A313	BL	BL	BL	BL	BL
A314	BL	BL	BL	BL	d.(*1)
A315	BL	BL	BL	BL	n.a.
A316	BL	d.(*1)	BL	BL	BL
A317	BL	BL	BL	BL	BL
A318	BL	BL	BL	BL	BL
A319	BL	BL	BL	BL	d.(*1)
A320	BL	BL	BL	BL	n.a.
A321	BL	BL	BL	BL	n.a.
A322	BL	BL	BL	BL	n.a.
A323	BL	d.(*1)	d.(*1)	BL	BL
A324	BL	BL	BL	BL	n.a.
A325	BL	BL	BL	BL	BL
A326	BL	BL	BL	BL	BL
A327	BL	BL	BL	BL	BL
A328	BL	BL	BL	BL	n.a.
A329	BL	BL	BL	BL	n.a.
A330	BL	BL	BL	BL	BL
A331	BL	d.(*1)	BL	BL	n.a.
A332	BL	BL	BL	BL	BL
A333	BL	BL	BL	BL	BL
A334	BL	BL	BL	BL	BL
A335	BL	BL	BL	BL	BL
A336	BL	BL	BL	BL	BL
A337	BL	BL	BL	BL	n.a.
A338	BL	BL	BL	BL	BL
A339	BL	BL	BL	BL	BL
A340	BL	BL	BL	BL	d.(*1)
A341	BL	BL	BL	BL	BL
A342	BL	BL	BL	BL	BL
A343	BL	BL	BL	BL	n.a.
A344	BL	BL	BL	BL	BL
A345	BL	BL	BL	BL	d.(*1)
A346	BL	BL	BL	BL	d.(*1)
A347	BL	BL	BL	BL	BL
TÜV Dhainland (Changhai) C					

TÜV Rheinland (Shanghai) Co., Ltd., Shanghai TÜV Rheinland Building, No. 177, Lane 777, West Guangzhong Road, Jing'an District, Shanghai, 200072, P.R.China
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A348	BL	BL	BL	BL	BL
A349	BL	BL	BL	BL	BL
A350	BL	BL	BL	BL	BL
A351	BL	d.(*1)	BL	BL	n.a.
A352	BL	BL	BL	BL	BL
A353	BL	BL	BL	BL	n.a.
A354	BL	BL	BL	BL	BL
A355	BL	BL	BL	BL	BL
A356	BL	BL	BL	BL	n.a.
A357	BL	BL	BL	BL	BL
A358	BL	BL	BL	BL	n.a.
A359	BL	BL	BL	BL	n.a.
A360	BL	BL	BL	BL	BL
A361	BL	BL	BL	BL	d.(*1)
A362	BL	BL	BL	BL	BL
A363	BL	BL	BL	BL	BL
A364	BL	BL	BL	BL	BL
A365	BL	d.(*1)	BL	BL	n.a.
A366	BL	BL	BL	BL	n.a.
A367	BL	BL	BL	BL	BL
A368	BL	BL	BL	BL	n.a.
A369	BL	BL	BL	BL	n.a.
A370	BL	BL	BL	BL	BL
A371	BL	BL	BL	BL	BL
A373	BL	BL	BL	BL	d.(*1)
A374	BL	BL	BL	BL	d.(*1)
A375	BL	BL	BL	BL	n.a.
A376	BL	d.(*1)	BL	BL	n.a.
A377	BL	BL	BL	BL	BL
A378	BL	BL	BL	BL	n.a.
A379	BL	BL	BL	BL	n.a.
A380	BL	BL	BL	BL	BL
A381	BL	BL	BL	BL	BL
A382	BL	BL	BL	BL	BL
A383	BL	BL	BL	BL	n.a.
A384	BL	BL	BL	BL	n.a.
A385	BL	BL	BL	BL	n.a.
A386	BL	BL	BL	BL	BL
A387	BL	BL	BL	BL	BL
A388	BL	BL	BL	BL	BL
A389	BL	BL	BL	BL	BL
A390	BL	BL	BL	BL	BL
A391	BL	BL	BL	BL	BL
FÜL/ Dhainland (Changhai) C					

TÜV Rheinland (Shanghai) Co., Ltd., Shanghai TÜV Rheinland Building, No. 177, Lane 777, West Guangzhong Road, Jing'an District, Shanghai, 200072, P.R.China
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A392	BL	BL	BL	BL	BL
A393	BL	BL	BL	BL	n.a.
A394	BL	BL	BL	BL	BL
A395	BL	BL	BL	BL	BL
A396	BL	BL	BL	BL	BL
A397	BL	BL	BL	BL	BL
A398	BL	BL	BL	BL	n.a.
A399	BL	d.(*1)	BL	BL	n.a.
A400	BL	BL	d.(*1)	BL	n.a.
A401	BL	d.(*1)	BL	BL	n.a.
A402	BL	BL	BL	BL	n.a.
A403	BL	d.(*1)	BL	BL	n.a.
A404	BL	BL	BL	BL	n.a.
A405	BL	BL	BL	BL	BL
A406	BL	BL	BL	BL	BL
A407	BL	BL	BL	BL	BL
A408	BL	d.(*1)	BL	BL	n.a.
A409	BL	BL	BL	BL	BL
A410	BL	BL	BL	BL	BL
A411	BL	BL	BL	BL	BL
A412	BL	BL	BL	BL	n.a.
A413	BL	d.(*1)	BL	BL	n.a.
A414	BL	d.(*1)	BL	BL	n.a.
A415	BL	BL	BL	BL	n.a.
A416	BL	BL	BL	BL	n.a.
A417	BL	BL	BL	BL	BL
A418	BL	BL	BL	BL	BL
A419	BL	BL	BL	BL	BL
A420	BL	d.(*1)	BL	BL	n.a.
A421	BL	BL	BL	BL	BL
A422	BL	BL	BL	BL	BL
A423	BL	BL	BL	BL	n.a.
A424	BL	BL	BL	BL	n.a.
A425	BL	BL	BL	BL	n.a.
A426	BL	BL	BL	BL	BL
A427	BL	BL	BL	BL	n.a.
A428	BL	BL	BL	BL	BL
A429	BL	BL	BL	BL	BL
A430	BL	BL	BL	BL	BL
A431	BL	BL	BL	BL	BL
A432	BL	BL	BL	BL	BL
A433	BL	BL	BL	BL	BL
A434	BL	BL	BL	BL	BL
FÜL/ Dhainland (Changhai) C	1.1.01				

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A435	BL	BL	BL	BL	BL
A436	BL	BL	BL	BL	BL
A437	BL	BL	BL	BL	BL
A438	BL	BL	BL	BL	BL
A439	BL	BL	BL	BL	BL
A440	BL	BL	BL	BL	BL
A441	BL	BL	BL	BL	BL
A442	BL	BL	BL	BL	BL
A443	BL	BL	BL	BL	BL
A444	BL	d.(*1)	BL	BL	n.a.
A445	BL	BL	BL	BL	n.a.
A446	BL	d.(*1)	BL	BL	n.a.
A447	BL	BL	BL	BL	BL
A448	BL	BL	BL	BL	BL
A449	BL	BL	BL	BL	BL
A450	BL	BL	BL	BL	d.(*1)
A451	BL	BL	BL	BL	n.a.
A452	BL	BL	BL	BL	BL
A453	BL	BL	BL	BL	BL
A454	BL	BL	BL	BL	BL
A455	BL	d.(*1)	BL	BL	n.a.
A456	BL	BL	BL	BL	n.a.
A457	BL	BL	BL	BL	n.a.
A458	BL	BL	BL	BL	BL
A459	BL	BL	BL	BL	BL
A460	BL	BL	BL	BL	BL
A461	BL	BL	BL	BL	BL
A462	BL	BL	BL	BL	BL
A463	BL	BL	BL	BL	BL
A464	BL	d.(*1)	BL	BL	n.a.
A465	BL	d.(*1)	BL	BL	n.a.
A466	BL	d.(*1)	BL	BL	n.a.
A467	BL	d.(*1)	BL	BL	n.a.
A468	BL	d.(*1)	BL	BL	n.a.
A469	BL	BL	BL	BL	n.a.
A470	BL	d.(*1)	BL	BL	n.a.
A471	BL	d.(*1)	BL	BL	n.a.
A472	BL	d.(*1)	BL	BL	n.a.
A473	BL	d.(*1)	BL	BL	n.a.
A474	BL	BL	BL	BL	n.a.
A475	BL	d.(*1)	BL	BL	n.a.
A476	BL	BL	BL	BL	n.a.
A477	BL	d.(*1)	BL	BL	n.a.
EI	Chanaba				

TÜV Rheinland (Shanghai) Co., Ltd., Shanghai TÜV Rheinland Building, No. 177, Lane 777, West Guangzhong Road, Jing'an District, Shanghai, 200072, P.R.China
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A478	BL	BL	BL	BL	n.a.
A479	BL	d.(*1)	BL	BL	n.a.
A480	BL	BL	BL	BL	n.a.
A481	BL	d.(*1)	BL	BL	n.a.
A482	BL	d.(*1)	BL	BL	n.a.
A483	BL	d.(*1)	BL	BL	n.a.
A484	BL	BL	BL	BL	n.a.
A485	BL	BL	BL	BL	n.a.
A486	BL	BL	BL	BL	n.a.
A487	BL	d.(*1)	BL	BL	n.a.
A488	BL	d.(*1)	BL	BL	n.a.
A489	BL	d.(*1)	BL	BL	n.a.
A490	BL	d.(*1)	BL	BL	n.a.
A083	BL	BL	BL	BL	BL

Abbreviation: Pb Lead

> Cd Cadmium Hg Mercury = Cr Chromium Br **Bromine** n.a. Not applicable Below limit BL= OL = Over limit d. Detected



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Remark:

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

XRF Screening limits for different matrices :

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

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



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

Test Method: Total Cadmium, Lead, Mercury, Chromium

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

Chromium (VI)

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

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

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

Test Result:

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

	(%)							
Material No.	Cd	Cr^	Pb	Hg	PBBs	PBDEs		
waterial No.	RL (%)							
	0.001	0.001	0.001	0.001	0.01	0.01		
A002	n.a.	n.a.	n.a.	n.a.	< RL	< RL		
A015	n.a.	n.a.	n.a.	n.a.	< RL	0.01		
A016	n.a.	n.a.	n.a.	n.a.	< RL	< RL		
A044	n.a.	n.a.	n.a.	n.a.	< RL	< RL		
A045	n.a.	n.a.	n.a.	n.a.	< RL	< RL		
A048	< RL	n.a.	6.10*7(c)-I	n.a.	n.a.	n.a.		
A120	n.a.	n.a.	n.a.	n.a.	< RL	< RL		
A128	n.a.	n.a.	n.a.	n.a.	< RL	< RL		
A136	n.a.	n.a.	n.a.	n.a.	< RL	< RL		
A204	n.a.	n.a.	n.a.	n.a.	< RL	< RL		
A249	n.a.	n.a.	n.a.	n.a.	< RL	< RL		
A277	n.a.	n.a.	n.a.	n.a.	< RL	< RL		
A279	n.a.	n.a.	n.a.	n.a.	< RL	< RL		
A280	n.a.	n.a.	n.a.	n.a.	< RL	< RL		
A281	n.a.	n.a.	n.a.	n.a.	< RL	< RL		
A282	n.a.	n.a.	n.a.	n.a.	< RL	< RL		
A287	n.a.	n.a.	n.a.	n.a.	< RL	< RL		
A288	n.a.	n.a.	n.a.	n.a.	< RL	< RL		
A289	n.a.	n.a.	n.a.	n.a.	< RL	< RL		
A291	n.a.	n.a.	n.a.	n.a.	< RL	< RL		



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A292	n.a.	n.a.	n.a.	n.a.	< RL	< RL
A293	n.a.	n.a.	n.a.	n.a.	< RL	< RL
A303	n.a.	n.a.	n.a.	n.a.	< RL	< RL
A304	n.a.	n.a.	n.a.	n.a.	< RL	< RL
A307	n.a.	n.a.	n.a.	n.a.	< RL	< RL
A312	n.a.	n.a.	n.a.	n.a.	< RL	< RL
A314	n.a.	n.a.	n.a.	n.a.	< RL	< RL
A319	n.a.	n.a.	n.a.	n.a.	< RL	< RL
A323	n.a.	n.a.	0.306*7(c)-I	n.a.	n.a.	n.a.
A340	n.a.	n.a.	n.a.	n.a.	< RL	< RL
A345	n.a.	n.a.	n.a.	n.a.	< RL	< RL
A346	n.a.	n.a.	n.a.	n.a.	< RL	< RL
A361	n.a.	n.a.	n.a.	n.a.	< RL	< RL
A373	n.a.	n.a.	n.a.	n.a.	< RL	< RL
A374	n.a.	n.a.	n.a.	n.a.	< RL	< RL
A400	n.a.	n.a.	1.34*7(c)-l	n.a.	n.a.	n.a.
A450	n.a.	n.a.	n.a.	n.a.	< RL	< RL

Material No.	Chromium VI content for metal materials (μg/cm²) (*1) RL: 0.10 μg/cm²
A007	Negative
A009	Negative
A040	Negative
A050	Negative
A065	Negative
A080	Negative
A098	Negative
A100	Negative
A107	Negative
A114	Negative
A119	Negative
A132	Negative
A175	Negative
A177	Negative
A179	Negative
A180	Negative
A181	Negative
A182	Negative



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A183 Negative A205 Negative A209 Negative A239 Negative A240 Negative A241 Negative A251 Negative A252 Negative A257 Negative A262 Negative A269 Negative A331 Negative A351 Negative A365 Negative A376 Negative A399 Negative		Negative
A205 Negative A209 Negative A239 Negative A240 Negative A244 Negative A251 Negative A252 Negative A257 Negative A262 Negative A269 Negative A331 Negative A351 Negative A365 Negative A376 Negative A399 Negative	0.4	regative
A209 Negative A239 Negative A240 Negative A244 Negative A251 Negative A252 Negative A257 Negative A262 Negative A269 Negative A331 Negative A351 Negative A365 Negative A376 Negative A399 Negative	84	Negative
A239 Negative A240 Negative A244 Negative A251 Negative A252 Negative A257 Negative A262 Negative A269 Negative A331 Negative A351 Negative A365 Negative A376 Negative A399 Negative	:05	Negative
A240 Negative A244 Negative A251 Negative A252 Negative A257 Negative A262 Negative A269 Negative A299 Negative A331 Negative A351 Negative A365 Negative A376 Negative A399 Negative	:09	Negative
A244 Negative A251 Negative A252 Negative A257 Negative A262 Negative A269 Negative A299 Negative A331 Negative A351 Negative A365 Negative A376 Negative A399 Negative	39	Negative
A251 Negative A252 Negative A257 Negative A262 Negative A269 Negative A299 Negative A331 Negative A351 Negative A365 Negative A376 Negative A399 Negative	40	Negative
A252 Negative A257 Negative A262 Negative A269 Negative A299 Negative A331 Negative A351 Negative A365 Negative A376 Negative A399 Negative	44	Negative
A257 Negative A262 Negative A269 Negative A299 Negative A331 Negative A351 Negative A365 Negative A376 Negative A399 Negative	51	Negative
A262 Negative A269 Negative A299 Negative A331 Negative A351 Negative A365 Negative A376 Negative A399 Negative	52	Negative
A269 Negative A299 Negative A331 Negative A351 Negative A365 Negative A376 Negative A399 Negative	:57	Negative
A299 Negative A331 Negative A351 Negative A365 Negative A376 Negative A399 Negative	62	Negative
A331 Negative A351 Negative A365 Negative A376 Negative A399 Negative	:69	Negative
A351 Negative A365 Negative A376 Negative A399 Negative	99	Negative
A365 Negative A376 Negative A399 Negative	31	Negative
A376 Negative A399 Negative	51	Negative
A399 Negative	65	Negative
<u> </u>	76	Negative
	99	Negative
A401 Negative	.01	Negative
A403 Negative	.03	Negative
A408 Negative	.08	Negative
A413 Negative	13	Negative
A414 Negative	14	Negative
A420 Negative	20	Negative
A444 Negative	44	Negative
A446 Negative	46	Negative
A455 Negative	55	Negative
A464 Negative	64	Negative
A465 Negative	65	Negative
A466 Negative	66	Negative
A467 Negative	67	Negative
A468 Negative	68	Negative
A470 Negative	70	Negative
A471 Negative	71	Negative
A472 Negative	72	Negative
A473 Negative	73	Negative
A475 Negative	75	Negative
A477 Negative	.77	Negative
A479 Negative	79	Negative
A481 Negative		
A482 Negative		



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A483	Negative
A487	Negative
A488	Negative
A489	Negative
A490	Negative

Material No.	Chromium VI content for other materials (%) RL: 0.01%
A323	<rl< td=""></rl<>
A041	<rl< td=""></rl<>
A316	<rl< td=""></rl<>

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:

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

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

7(c)-I Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound.



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BBP, DBP, DEHP, DIBP content

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

Test Result:

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

		(%)				
Test No.	Material No.	BBP	DBP	DEHP	DIBP	
rest No.		RL (%)				
		0.005	0.005	0.005	0.005	
T001	A001 + A012 + A013	< RL	< RL	< RL	< RL	
T002	A017 + A018 + A025	< RL	< RL	0.013	< RL	
T003	A028 + A062 + A273	< RL	< RL	< RL	< RL	
T004	A029 + A063 + A198	< RL	< RL	< RL	< RL	
T005	A051 + A192 + A203	< RL	0.018	< RL	< RL	
T006	A055 + A083 + A201	< RL	< RL	< RL	< RL	
T007	A058 + A085 + A099	< RL	< RL	< RL	< RL	
T008	A060 + A061 + A066	< RL	< RL	< RL	< RL	
T009	A067 + A070 + A071	< RL	< RL	< RL	< RL	
T010	A072 + A073 + A074	< RL	< RL	< RL	< RL	
T011	A087 + A123 + A155	< RL	< RL	< RL	< RL	
T012	A091 + A092 + A094	< RL	< RL	< RL	< RL	
T013	A096 + A097 + A102	< RL	< RL	< RL	< RL	
T014	A105	< RL	< RL	< RL	< RL	
T016	A130 + A137 + A138	< RL	< RL	< RL	< RL	
T017	A140 + A142 + A145	< RL	< RL	< RL	< RL	
T018	A144 + A146	< RL	< RL	< RL	< RL	
T019	A147 + A150 + A156	< RL	< RL	< RL	< RL	
T020	A152 + A153 + A169	< RL	< RL	< RL	< RL	
T021	A157 + A158 + A164	< RL	< RL	< RL	< RL	
T024	A211 + A212 + A213	< RL	< RL	< RL	< RL	



Test Repo	ort No.: 326057	967a 001			Page 37 of 64
T025	A214 + A215 + A216	< RL	< RL	< RL	< RL
T026	A218 + A221 + A222	< RL	< RL	< RL	< RL
T027	A225 + A228 + A229	< RL	< RL	< RL	< RL
T028	A230 + A238 + A241	< RL	< RL	< RL	< RL
T029	A243 + A245 + A248	< RL	< RL	< RL	< RL
T031	A283 + A284 + A285	< RL	< RL	< RL	< RL
T032	A286	< RL	< RL	< RL	< RL
T033	A306 + A310 + A311	< RL	< RL	< RL	< RL
T034	A317 + A377 + A390	< RL	< RL	< RL	< RL
T035	A330 + A332 + A333	< RL	< RL	< RL	< RL
T036	A339 + A347 + A350	< RL	< RL	< RL	< RL
T037	A341 + A342 + A344	< RL	< RL	< RL	< RL
T038	A349 + A360 + A367	< RL	< RL	< RL	< RL
T040	A386 + A387 + A388	< RL	< RL	< RL	< RL
T041	A389 + A391 + A392	< RL	< RL	< RL	< RL
T042	A394 + A395 + A396	< RL	< RL	< RL	< RL
T043	A419 + A421 + A422	< RL	< RL	< RL	< RL
T044	A428 + A429 + A430	< RL	< RL	< RL	< RL
T045	A431 + A432 + A433	< RL	< RL	< RL	< RL
T046	A434 + A435 + A436	< RL	< RL	< RL	< RL
T047	A207 + A438 + A459	< RL	< RL	< RL	< RL
T048	A461 + A462 + A463	< RL	< RL	< RL	< RL
T049	A237 + A417	< RL	< RL	< RL	< RL
T050	A124	< RL	< RL	< RL	< RL
T052	A131	< RL	< RL	< RL	< RL
T053	A162	< RL	< RL	< RL	< RL
T054	A170	< RL	< RL	< RL	< RL
T057	A188	< RL	< RL	< RL	< RL
T058	A189	< RL	< RL	< RL	< RL
T059	A261	< RL	< RL	< RL	< RL



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T060	A275	< RL	< RL	< RL	< RL
T061	A276	< RL	< RL	< RL	< RL
T062	A370	< RL	< RL	< RL	< RL
T063	A371	< RL	< RL	< RL	< RL

Abbreviation: BBP= Benzylbutyl phthalate

DBP= Dibutyl phthalate

DEHP= Bis(2-ethylhexyl) phthalate

DIBP= Diisobutyl phthalate

< = less than RL = Reporting Limit %= percentage

Remark:

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



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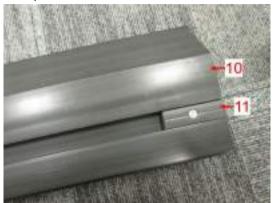








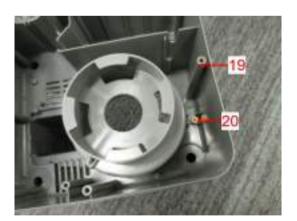
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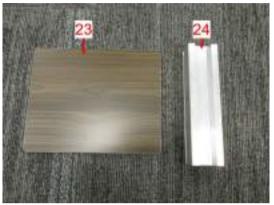


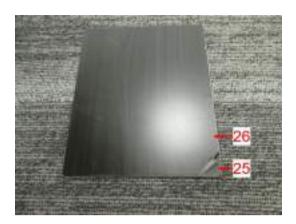






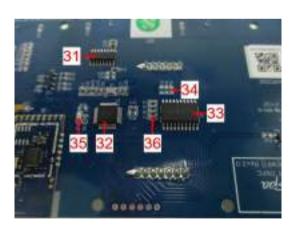
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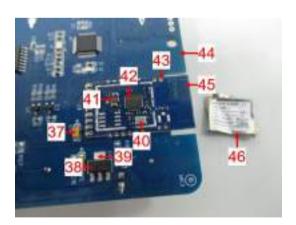








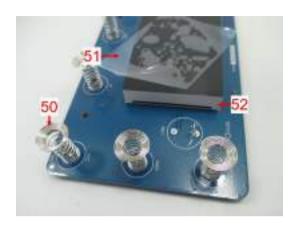






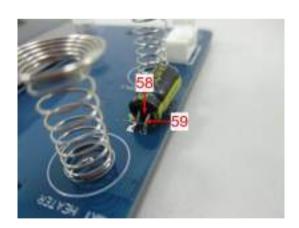
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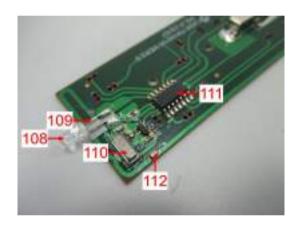


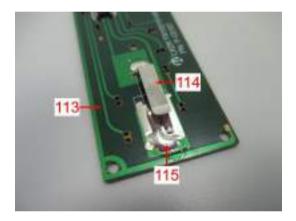


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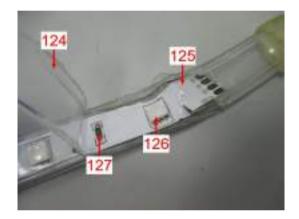




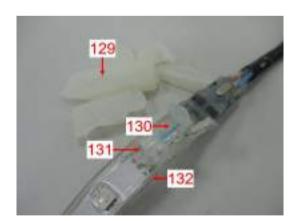
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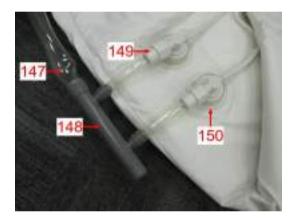


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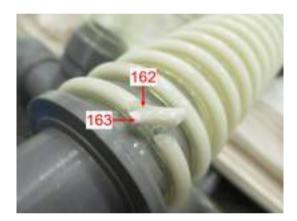




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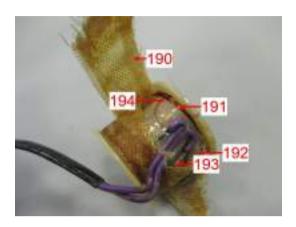




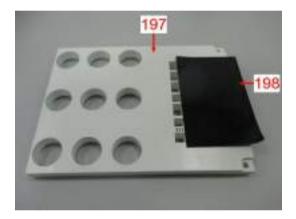


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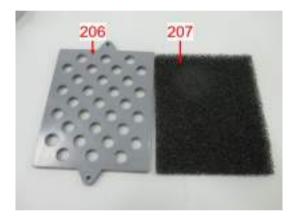




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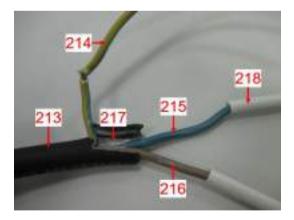














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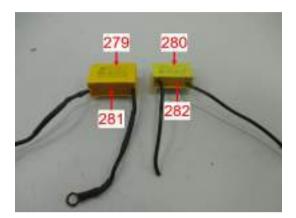




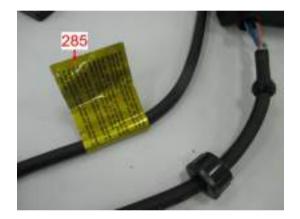


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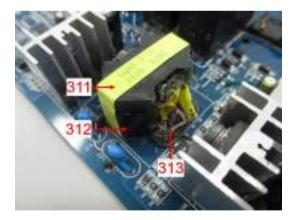








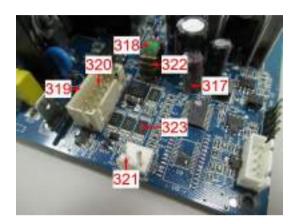


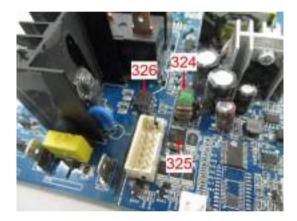




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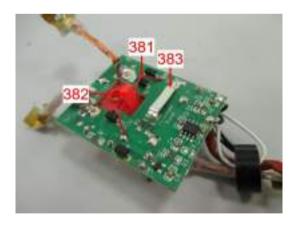
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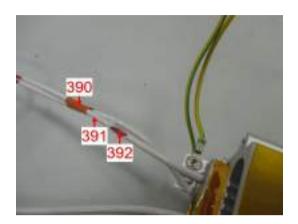






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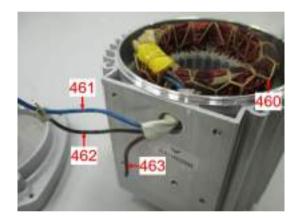




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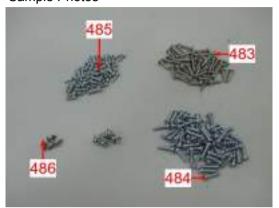




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Sample Photos





- END -



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 ("GTCB") is made between the client and one or more member entities of TUV Rheinland in Greater China is applicable as the case may be ("I'UV Rheinland"). The Greater China hereof refers to the regions within the territories of China. The Client hereof includes:

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

 The following terms and conditions of proceedings of the contract under the applicable law. The following terms and conditions of provisions the vision and conditions of the contract under the applicable two. The following terms and conditions of the client daily surface and similar services as well as an actifular services and services and services are services as well as an actifular services and services and services are under the contract of the contract even if TUV Rheinland does not explainly object to them. In the context of an ongoing business relationship with the client, this CTGB shall also apply to future contracts with the client without TUV Rheinland having to refer to them separately in each individual case.
- (ii)
- 13

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

Coming into effect and duration of contracts

- Coming into effect and duration of contracts

 The contract shall come into effect for the agreed terms upon the quotation letter of TÜV.

 Rhenland 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 (quotation), TÜV. Rheinland without receiving a quotation from TÜV Rheinland (quotation), TÜV. Rheinland si, in its soils discretion, entitled to accept the order by giving written notice of such acceptance (including notice sent via electronic means) or by performing 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 existencia of the colorical term, the contract term will be extended the contract in the contract term, which is the contract term with the contract term.
- 3.3

- 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 subs, the new scope of TÜV Rheinland scales, then the written confirmation of order by TÜV Rheinland scales, then the written confirmation of order by TÜV Rheinland scales, then the written confirmation of order by TÜV Rheinland scale the service description (e.g., checking the correctness and functionality of parts, products, proprocesses, installations, organizations not Island in the service description, as well as the intended use and application of such) are not owed. In particular, no responsibility is assumed for the design, selection of materials, construction or intended use of an examined part product, process or plant, unless this is expressly stated in the order.
- 4.3
- The agreed services shall be performed in compliance with the regulature and accordance to extend of 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 followed.

 On execution of the Nette shall be no simultaneous assumption of any guarantee of the On execution of the willy) and working order of either tested or exemined parts nor of the installation as a whole and its upstream and/or downstream processes, organisations, use and application in accordance with regulations, nor of the systems on which the installation is based in particular. TÜV Rheinland shall assume no responsibility for the construction, selection of materials and assembly of installations examined, nor for the use and application in accordance with regulations, unless these questions are expressly covered by the contract.

- in particular, TÜV Rheinland shall assume no responsibility for the construction, selection of materials and assembly of installations examined, not for their use and application in accordance with requisitions, unless these questions 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, responsible to the safety programmes or safety regulations on which the inspections are based, responsible to the safety programmes or safety regulations on which the inspections are based, responsible to the contract, with a written notice to the client, TÜV Rheinland shall be entitled to additional renumeration for resulting additional expenses.

 The services to be provided by TÜV Rheinland under the contract are agreed excitority with the contract are services to be provided by TÜV Rheinland under the contract are agreed excitority with the contract are services. This also applies if the client passes on work results is extent to service and the services of and justifying ordification in the work results (see the proxit, set or services), and the services of the services. This also applies if the client passes on work results in the contract and the services. This also applies if the client passes on work results in the contract and the direct understands and agrees that in order to perform the contract with the without the contract with the service process. If the relevant services are not directly provided by TÜV Rheinland will merely bears the corresponding legal liability according to this contract and the direct services actually to be provided by our company in barriers. In the contract with the direct services actually to be provided by our company in the service provided by the contract, the client hereby agrees that TÜV Rheinland will provide the client as agent for such relevant services in order to achieve the purpose of the contract, the client he

- Performance 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 behinding being confirmed as binding by TUV Rheinland in writing. If Inviting periods of performance have been agreed, these periods ball not commence until the Arclies 5.1 and 5.2 also apply, even whost express approval by the client, to all extensions of a greed periods/dates of performance not examed by TUV Rheinland. Arclies 6.1 and 5.2 also apply, even whost express approval by the client, to all extensions of a greed periods/dates of performance not examed by TUV Rheinland on the reportable for a delay in performance, in particular if the client has not TUV Rheinland or a delay in performance, in particular if the client has not input to the performance of the service as specified in the contract.

 If the performance of TUV Rheinland is delayed due to unforeseeable circumstances such as force negleure, shirts, business disruptions, povermental regulations, transport obtaicles, etc., to resume performance. 5.5
- to resume performance.

 The client is obliged to comply with legal, officially prescribed and/or by the accreditor prescribed deadlines, it is the client's obliged to comply with legal, afficially prescribed and/or by the accreditor prescribed deadlines. It is the client's responsibility to agree on performance dates with TUV Rheinland, which enable the client to comply with the legal and/or officially prescribed deadlines. TUV Rheinland assumes no responsibility in this respect unless TUV Rheinland expressly agreed in writing specifically stating that enumpting the deadlines is the contractual obligation of TUV.

- 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. 6.1
- Design documents, supplies, suxiliary 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 variants that:

- b) 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/centificates
- 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 client. Even where a fixed or maximum price is agreed, TÜV Rheinland shall be entitled to charge extra fees for such additional 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. 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 actuation 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 basis, account of TUV Rhenland as indicated on the invoice, stating the invoice and client numbers. Stating the invoice and client numbers. See the property of the
- applicable short term loan interest fave puocus prisonesses up a exposure connection and the country where TUV Rheinland is located. At the same time, TUV Rheinland reserves the right the country where the term of the invoice despite being granted a reasonable grace period. TUV Rheinland shall be entitled to cancel the contract, withdraw the certificate, claim damages for non-performance and refuse to continue performance of the contract. The provisions set forth in article & I shall also apply in cases involving returned cheques, cessation of payment, commencement of insolvency proceedings against the claimst assets or continue to the contract of the contract of the contract of payment, commencement of insolvency proceedings against the claimst assets or contract of the contract of the
- ets.
 ections to the invoices of TÜV Rheinland shall be submitted in writing within two weeks of epit of the invoice.

TUV Behaind and lie extilled to demand appropriate advance payments. TUV Rehaindard hale pertitled to rates its fees at the beginning of a month if overheads and/or purchase costs have increased. In this case, TUV Reheinland shall notify the client in writing of the rise in fees. This notification shall be issued one morth prior to the date or which the rise in fees is the substance of the prior to the date or which the rise is fees per contractual year, the client shall not have the right to terminate the contract. If the rise in fees exceed 5% per contractual year, the client shall be orbit to terminate the contract. The rise in fees exceed 5% per contractual year, the client shall be orbit to terminate the contract of the period of notice of changes in fees. If the contract is not terminated, the changed sees shall be deemed to have been agreed upon by the time of the expiry of the notice period.

Only legally established and undisputed claims may be offset against claims by TÜV Rheinland. TÜV Rheinland shall have the right at all times to setoff any amount due or payable by the client including but not limited to setoff against any less goal by the client under any contracts agreement and or orders/quotations reached with TÜV Rheinland.

- 9.1 92
- Any part of the work result ordered which is complete in itself may be presented by TÜV Rheniand 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 retures acceptance within this period stating at least one unfunderable tracker of contract by TÜV.
- Rheinland.
 The client is not entitled to refuse acceptance due to insignificant breach of contract by TÜV 9.3
- Rheinland. If acceptance is excluded according to the nature of the work performance of TÜV Rheinland, the completion of the work shall take its place. During the Follow-Audit stage, if the client was unable to make use of the time windows provided for within the scope of a certification procedure for auditing/performance by TÜV Rheinland and the certificate is therefore to be withdraw (e.g. performance of surveillance audits), or if the client certification promote in the certification procedure of surveillance audits), or if the client certification shallow of the certification promote and the certification procedure of surveillance audits), or if the client certification is made and the certification of the cer
- Rhehland has incurred no damage whatsoever or usy a wannounce, ..., above lump sum, ar as the client has undertaken in the contract to accept services, TUV Rheinland shall also be entitled to charge lump-sum damages in the amount of 10% of the order amount as compensation for 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 TUV Rheinland has incured no damage whatsoever or only a considerably lower damage than the above mentioned lump sum.

- dentiality

 For the purpose of these terms and conditions, "confidential information" means all know-how, trade secrets, documents, images, drawings, expertise, information, dais, test results, sports, and secrets, documents, images, drawings, expertise, information, dais, test results, sports, and marketing techniques and materials, tangible or intangible, that are supplied, transferred or indevise disclosed by one Party (the "disclosing party") to the other Party (the "receiving party"), in writing or orally, in printed or electronic format. Confidential information is expressly not the data and know-how collected, complete or otherwise disclosined by TD (Febriatra) (The "Presidential The Presidential Information The Presidential Information is disclosed onally, the receiving party and confirm in writing the confidential Information to advance and the disclosing party shall confirm in writing the confidential Information to The Presidential Information The Celential The Information The Celential The Presidential Information The The The Presidential Information The The The Presidential Information The The Th
- 10.3
- 10.5 a)
- 10.7

11.1

- TÜV Rheinland shall retain all exclusive copyrights in the reports, expert reports/opinions, test reports/results, results, calculations, presentations etc. prepared by TÜV Rheinland, unless otherwise agreed by the parties in a separate agreement. As the owner of the copyrights, TÜV Rheinland is free to grant others the right to use the work results for individual or all types of use
- Rhehinal is free to grant others the right to use the work results for individual or all types of use (right of use). The client receives a simple, unlimited, non-transferable, non-sublicensable right of use to the contents of the work results produced within the scope of the contract, unless otherwise agreed by the parties in a separate agreement. The client may only use such reports, export reports/opinions, test apports/results, results calculations, presentations etc. prepared within the scope of the contract for the contractually agreed purpose. subject to Mil proyment of the renumeration agreed in tenuous lett On clause 11.2 of the GTCB is subject to Mil proyment of the renumeration agreed in tenuous lett On Client may only pass on the work results in Unless TUV Rheinland has given its provivation control to the partial passing on of work results. 11.2
- 11.4
- work results in full unless 1UV Rhenland has given its pror written consent to the partial passing on I work results in charge continued and the passing of work results for schednishing purposes or any further use of Arry publication, the soppe regulated in clause 11.2, and any apartial or the introduction of TUV Rhenland need the prior written approved of TUV Rhenland need the prior written approved of TUV Rhenland need the prior written approved of TUV Rhenland and and certification rules, etc.). TUV Rhenland need the prior working put not limited to specific applicable testing and certification rules, etc.). TUV Rhenland new revoke a once given approval according to clause 11.5 at any time without stating reasons. In this case, the client is colleged to stop the transfer of the work results immediately alth your expense and, as first any possible, to whicheavy publications not extend the client to see the corporate logo, corporate deagn or resolvention make of TUV Rheinland.
- 11.6

Liability of TÜV Rheinland

12.1

- Liability of TÜV Rheinland

 Irraspective 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 TÜV Rheinland for all damages, bases and reimbursament 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 feet, these times the representatives are considered to the case of a contract expressity charged on a time and material basis, a maximum of 20,000 Euror or squivalent amount in local currency; and (by) in the case of a familieror, and a fixed provides for the possibility of placing individual orders, three times of Nowthatandrian places are considered to the case of a contract expressity of placing individual orders, there is the contract case of the contract of th
- 122

When passing on the services provided by TÜV Rheinland or parts thereof to third parties in Greater China or other regions, the client must comply with the respectively applicable regulations of national and international export control law. The performance of a contract with the client is subject to the provisio that there are no obstacles to performance due to national or international foreign trade legislations or embargos and/or the performance due to national or international foreign trade legislations or embargos and/or the performance due to national or international foreign trade legislations or embargos and/or the performance of the national or international foreign trade legislations or embargos and/or the performance of the national or the performance of the performance of the national performance of the national performance of the performance of the national performance of the national performance of the performance of 13.1

sanctions. In the event of a violation, TÜV Rheinland shall be entitled to terminate the contract with immediate effect and the client shall compensate for the losses incured thereof by TÜV Rheinland.

Data protection notice

The client understands and agrees that TÜV Rheinland processes personal data (including but not limited to penceal information) of the client and its related parties (including but not limited to the client and its related parties (including but not limited to the client and its related parties (including but not limited to the client client or process the personal data that the client collected or processes by the serious data that the client collected or processes by the serious data that the client collected or processes by the serious data. TÜV Rheinland its and process the data in accordance with the relativant legal basis. It amy personal data has to be disclosed or transferred to any hird party or any overseas party outside of the data has be disclosed or transferred to any hird party or any overseas party outside of the data has be disclosed or transferred to any hird party or any overseas party outside of the data has be disclosed or transferred to any hird party or any overseas party outside of the data has be disclosed or transferred to any hird party or any overseas party outside of the data has be disclosed or transferred to any hird party or any overseas party outside of the data has be disclosed or transferred to any hird party or any overseas party outside of the data has been desired to the data has been desired to the data and protect the data in compliance with the privacy and personal data security related laws and regulations in China and the local country. TUV Rheinland will take measures to avoid any leakage, abuse, manipulation, damage or unauthorized access of personal data. The personal subject may exercise the following rights: right or information, right of debeton, right of deals not represent the subject to the subject to

- 15.2
- Iden of test material and documentation

 The test samples submitted by the client to TÜV Rheinland for testing will be scrapped following testing or will be returned to the client at the client's experies. The only exceptions are test stating requirement with the client.

 In storage on the basis of sistutions requirement with the client in storage on the basis of sistutions regulations or of another agreement with the client.

 In storage soply if the test samples are stored at the premises of TÜV Rheinland. The cost of placing a test sample into storage will be disclosed to the client in the quotation. If 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 ander documentation, any liability claims for material and pecuniary damage resulting from the respective testing and certification that is brought forward by the client against TÜV Rheinland shall be volded.

 The retention period for the documentation shall be to 10 (ten) years after the expiry of the test mark and GS mat contributions. The cost of the handover and dispatch of the test samples for storage on the client's premises are more by the client, TÜV Rheinland will be liable for the loss of test samples or reference samples from the laboratories or warehouses of TÜV Rheinland only in case of gross negligence.

15.4

- Ination of the contract

 Nowthstanding clause 3.3 of the GTCB, TÜV Rheinland and the client are entitled to terminate the contract in set entitley or, in the case of services combined in one contract, each of the combined parts of the contract in set entitley or, in the case of services combined in one contract, each of the combined parts of the contract individually and independently of the contract individually and individual cases.

 In the overt of any serious missinguesenstation, be it by intentional finand or grootly negligent in contract does not belong to the insurance coverage applicable to TÜV Rheinland and TÜV Rheinland and TÜV Rheinland and the entition at hump-and and entities the contract of a hump-and cardent

- Majoura*

 Majour 17.3

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

- The Parties are bound to perform their contractual duties even if events have rendered performance more ones than could reasonably have been anticipated at the time of the conclusion of the Monthitstanding paragraph 1 of this Clause, where a Party proves that:

 (a) the continued performance of its contractual duties has become excessively onerous due to an event beyond its reasonable control which it could not reasonably have been expected to have taken into account at the time of the conclusion of the contract and that its corresponders, the Parties are (b) it could not reasonably here aexided or overcome the event or its engolistic elementate contractual terms which reasonably allow to overcome the consequences of the event.

 Where Clause 182 applies, but where the Parties have been unable to agree alternative contractual terms as provided in that paragraph, the Party mixed pits Clause is entitled to terminate the contract, but cannot request adaptation by the judge or arbitrator without the agreement of the other.

- 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 contract and/or less terms and conditions be Should one or several of the provisions under the contract and/or less terms and conditions to the state of the several orders of the several orders and the contract and the several orders and the contract and the several orders and the several orders and the several orders and the contract and the several orders and the several 19.2
- 19.3