Test Report -Products



Report No.: 180259259a 001 Page 1 of 39

Client: FOXESS CO., LTD.

Contact Information: No.939, Jinhai Third Road, New Airport Industry Area, Longwan District,

Wenzhou, 325025 Zhejiang P.R. China

Identification/Storage InverterModel No(s):H1-6.0-E-G2

Condition at delivery: Test item complete and undamaged.

Sample Receiving date: 2023-05-06, 2023-05-22

Testing Period:2023-05-06 to 2023-05-24Place of testing:Chemical laboratory Ningbo

Test Specification: Test result:

Customer's requirement:

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

Other information:

Reference model No.(s): AC1-3.0-E-G2, AC1-3.7-E-G2, AC1-4.6-E-G2, AC1-5.0-E-G2, AC1-6.0-E-G2, AC1-4.6-E1-G2, AC1-5.0-E1-G2, H1-3.0-E-G2, H1-3.7-E-G2, H1-4.6-E-G2, H1-5.0-E-G2, H1-4.6-E1-G2

For and on behalf of

2023-05-24

TÜV Rheinland/CCIC (Ningbo) Co., Ltd.

Dream Wang / Manager

Date Name/Position

Sample information is provided by customer. Test result is drawn according to the kind and extent of tests performed.

This test report relates to the above mentioned test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.

"Decision Rule" document announced in our website (https://www.tuv.com/landingpage/en/qm-gcn/) describes the statement of conformity and its rule of enforcement for test results are applicable throughout this test report.

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Material List:

Item: Storage Inverter

H1-6.0-E-G2

Material No.	Material	Color	Location	
M001	Metal	silver	refer to photo	
M002	Coating	white	refer to photo	
M003	Glue	white	refer to photo	
M004	Glue	transparent	refer to photo	
M005	Plastic + adhesive	multi	refer to photo	
M006	Plastic + adhesive	yellow+black	refer to photo	
M007	Plastic	black	refer to photo	
M008	Plastic	transparent	refer to photo	
M009	Plastic	black	refer to photo	
M010	Foam + adhesive	black	refer to photo	
M011	Metal	silver	refer to photo	
M012	Electronic components	black	refer to photo	
M013	Plastic	black	refer to photo	
M014	Plastic	white	refer to photo	
M015	Plastic + adhesive	yellow	refer to photo	
M016	Plastic	black	refer to photo	
M017	Plastic	black	refer to photo	
M018	Metal	silver	refer to photo	
M019	PCB board	green	refer to photo	
M020	Solder	silver	refer to photo	
M021	Plastic	white	refer to photo	
M022	Metal	silver	refer to photo	
M023	Electronic components	silver	refer to photo	
M024	Electronic components	black	refer to photo	
M025	Electronic components	black	refer to photo	
M026	Plastic	grey	refer to photo	
M027	Electronic components	black	refer to photo	
M028	Electronic components	black	refer to photo	



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M029	Electronic components	black	refer to photo		
M030	Paper	white	refer to photo		
M031	Plastic	black	refer to photo		
M032	Metal	goldeb	refer to photo		
M033	Electronic components	black	refer to photo		
M034	Electronic components	silver+orange	refer to photo		
M035	Electronic components	black	refer to photo		
M036	Electronic components	black	refer to photo		
M037	Electronic components	brown	refer to photo		
M038	Solder	silver	refer to photo		
M039	PCB board	green	refer to photo		
M040	Electronic components	orange	refer to photo		
M041	Glue	black	refer to photo		
M042	Metal + coating	black	refer to photo		
M043	Metal	silver	refer to photo		
M044	Paper	white	refer to photo		
M045	Paper	dark green	refer to photo		
M046	Glass	transparent	refer to photo		
M047	Plastic	black	refer to photo		
M048	Plastic	white	refer to photo		
M049	Plastic	silver	refer to photo		
M050	Plastic	black	refer to photo		
M051	Plastic	transparent	refer to photo		
M052	Plastic + adhesive	black	refer to photo		
M053	Solder	silver	refer to photo		
M054	PCB board	green	refer to photo		
M055	Plastic	grey	refer to photo		
M056	Plastic	grey	refer to photo		
M057	Electronic components	white	refer to photo		
M058	Electronic components	light red-orange	refer to photo		
M059	Plastic	dark grey	refer to photo		
M060	Electronic components	grey	refer to photo		



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M061	Plastic + adhesive	light yellow	refer to photo		
M062	Plastic + adhesive	yellow	refer to photo		
M063	PCB board	yellow	refer to photo		
M064	Electronic components	black	refer to photo		
M065	Electronic components	black	refer to photo		
M066	Plastic	black	refer to photo		
M067	PCB board	green	refer to photo		
M068	Plastic	white	refer to photo		
M069	Electronic components	dark red	refer to photo		
M070	Plastic	white	refer to photo		
M071	Magnet	brown	refer to photo		
M072	Metal	copper	refer to photo		
M073	Plastic	red-orange	refer to photo		
M074	Glue	white	refer to photo		
M075	Plastic	black	refer to photo		
M076	Magnet	black	refer to photo		
M077	Magnet	black	refer to photo		
M078	Plastic	black	refer to photo		
M079	Metal	copper	refer to photo		
M080	Metal	copper	refer to photo		
M081	Magnet	dark green	refer to photo		
M082	Plastic + adhesive	yellow	refer to photo		
M083	Electronic components	cyan-blue	refer to photo		
M084	Magnet	white	refer to photo		
M085	Glue	black	refer to photo		
M086	Plastic	black	refer to photo		
M087	Plastic	dark cyan	refer to photo		
M088	Metal	copper	refer to photo		
M089	Plastic	white	refer to photo		
M090	Plastic	black	refer to photo		
M091	Metal	silver	refer to photo		
M092	Metal	silver	refer to photo		



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M093	Electronic components	silver	refer to photo	
M094	Electronic components	dark green	refer to photo	
M095	Electronic components	white+green	refer to photo	
M096	Solder	silver	refer to photo	
M097	Solder	silver	refer to photo	
M098	Electronic components	black	refer to photo	
M099	Plastic	black	refer to photo	
M100	PCB board	green	refer to photo	
M101	Plastic	black	refer to photo	
M102	Plastic	brown	refer to photo	
M103	Plastic	yellow	refer to photo	
M104	Metal	silver	refer to photo	
M105	Metal	silver	refer to photo	
M106	Coating	grey	refer to photo	
M107	Metal	silver	refer to photo	
M108	Foam + adhesive	black	refer to photo	
M109	Metal	silver	refer to photo	
M110	Plastic	black	refer to photo	
M111	Plastic	black	refer to photo	
M112	Plastic	green	refer to photo	
M113	Magnet	green	refer to photo	
M114	Magnet	light green	refer to photo	
M115	Plastic	black	refer to photo	
M116	Plastic	grey	refer to photo	
M117	Plastic	pink	refer to photo	
M118	Plastic	black	refer to photo	
M119	Plastic	black	refer to photo	
M120	Plastic	black	refer to photo	
M121	Plastic	black	refer to photo	
M122	Plastic	black	refer to photo	
M123	Plastic	black	refer to photo	
M124	Plastic	black	refer to photo	



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M125	Plastic	black	refer to photo		
M126	Plastic	black	refer to photo		
M127	Plastic	black	refer to photo		
M128	Plastic	black	refer to photo		
M129	Plastic	white	refer to photo		
M130	Plastic	black	refer to photo		
M131	Plastic	black	refer to photo		
M132	Plastic	dark blue	refer to photo		
M133	Plastic	blue	refer to photo		
M134	Plastic	blue	refer to photo		
M135	Plastic	blue	refer to photo		
M136	Plastic	white	refer to photo		
M137	Plastic	white	refer to photo		
M138	Plastic	black	refer to photo		
M139	Plastic	blue	refer to photo		
M140	Plastic	yellow-green	refer to photo		
M141	Plastic	black	refer to photo		
M142	Plastic	brown	refer to photo		
M143	Plastic	pink-red	refer to photo		
M144	Metal	silver	refer to photo		
M145	Metal	silver	refer to photo		
M146	Metal	silver	refer to photo		
M147	Metal	silver	refer to photo		
M148	Plastic	white	refer to photo		
M149	Plastic	black	refer to photo		
M150	Plastic	dark red	refer to photo		
M151	Metal	silver	refer to photo		
M152	Plastic	pink-red	refer to photo		
M153	Plastic	black	refer to photo		
M154	Plastic	white	refer to photo		
M155	Plastic	grey	refer to photo		
M156	Plastic	grey+multi	refer to photo		
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M157	Plastic	light yellow	refer to photo		
M158	Plastic	white	refer to photo		
M159	Metal	silver	refer to photo		
M160	Plastic	white	refer to photo		
M161	Metal	silver	refer to photo		
M162	Metal	silver	refer to photo		
M163	Metal	silver	refer to photo		
M164	Metal	silver	refer to photo		
M165	Metal	silver	refer to photo		
M166	Metal	silver	refer to photo		
M167	Plastic	black	refer to photo		
M168	Foam + adhesive	black	refer to photo		
M169	Plastic	grey	refer to photo		
M170	Textile	white	refer to photo		
M171	Metal	silver	refer to photo		
M172	Plastic	white	refer to photo		
M173	Plastic	red	refer to photo		
M174	Plastic	green	refer to photo		
M175	Plastic	black	refer to photo		
M176	Plastic	brown	refer to photo		
M177	Plastic	blue	refer to photo		
M178	Plastic	purple	refer to photo		
M179	Plastic	light yellow	refer to photo		
M180	Plastic	grey	refer to photo		
M181	Plastic	white	refer to photo		
M182	Plastic	red	refer to photo		
M183	Plastic	yellow	refer to photo		
M184	Plastic	white	refer to photo		
M185	Plastic	black	refer to photo		
M186	Glue	black	refer to photo		
M187	Plastic	white	refer to photo		
M188	Plastic	red	refer to photo		



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M189	Plastic	black	refer to photo		
M190	Plastic	light yellow	refer to photo		
M191	Plastic	orange	refer to photo		
M192	Plastic	brown	refer to photo		
M193	Plastic	green	refer to photo		
M194	Plastic	dark blue	refer to photo		
M195	Plastic	black	refer to photo		
M196	Plastic	cyan-blue	refer to photo		
M197	Metal	silver	refer to photo		
M198	Plastic	black	refer to photo		
M199	Plastic	black	refer to photo		
M200	Plastic	white	refer to photo		
M201	Plastic	black	refer to photo		
M202	Metal	silver	refer to photo		
M203	Metal	silver	refer to photo		
M204	Plastic	orange	refer to photo		
M205	Plastic	white+orange	refer to photo		
M206	Plastic	blue	refer to photo		
M207	Plastic	white+blue	refer to photo		
M208	Plastic	green+white	refer to photo		
M209	Plastic	green	refer to photo		
M210	Plastic	brown	refer to photo		
M211	Plastic	white+brown	refer to photo		
M212	Metal	golden	refer to photo		
M213	Plastic	black	refer to photo		
M214	Plastic	black	refer to photo		
M215	Plastic	black	refer to photo		
M216	Plastic	white	refer to photo		
M217	Plastic	dark red	refer to photo		
M218	Plastic	white	refer to photo		
M219	Plastic	white	refer to photo		
M220	Plastic	red	refer to photo		



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M221	Plastic	black	refer to photo		
M222	Plastic	black	refer to photo		
M223	Plastic	black	refer to photo		
M224	Metal	silver	refer to photo		
M225	Metal	silver	refer to photo		
M226	PCB board	green	refer to photo		
M227	Electronic components	black	refer to photo		
M228	Plastic	white	refer to photo		
M229	Solder	silver	refer to photo		
M230	Plastic	black	refer to photo		
M231	Plastic	white	refer to photo		
M232	Metal	silver	refer to photo		
M233	Metal	golden	refer to photo		
M234	Metal	golden	refer to photo		
M235	Metal	silver	refer to photo		
M236	Plastic	white	refer to photo		
M237	Plastic	white	refer to photo		
M238	Plastic + adhesive	yellow	refer to photo		
M239	Plastic	black	refer to photo		
M240	Plastic	black	refer to photo		
M241	Plastic	red	refer to photo		
M242	Metal	copper	refer to photo		
M243	Plastic	black	refer to photo		
M244	Metal	silver	refer to photo		
M245	Metal	silver	refer to photo		
M246	Metal	silver	refer to photo		
M247	Metal	silver	refer to photo		
M248	Metal	silver	refer to photo		
M249	Metal	silver	refer to photo		
M250	Metal	silver	refer to photo		
M251	Metal	silver	refer to photo		
M252	Metal	silver	refer to photo		



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M253	Metal	silver	refer to photo		
M254	Metal	silver	refer to photo		
M255	Plastic	blue	refer to photo		
M256	Plastic	black	refer to photo		
M257	Plastic	black	refer to photo		
M258	Metal	silver	refer to photo		
M259	Metal	silver	refer to photo		
M260	Metal	silver	refer to photo		
M261	Plastic	white	refer to photo		
M262	Plastic	black	refer to photo		
M263	Plastic	black	refer to photo		
M264	Plastic	black	refer to photo		
M265	Metal	silver	refer to photo		
M266	Plastic	black	refer to photo		
M267	Plastic	dark blue	refer to photo		
M268	Plastic	black	refer to photo		
M269	Plastic	white	refer to photo		
M270	Metal	silver	refer to photo		
M271	Metal	silver	refer to photo		
M272	Metal	silver	refer to photo		
M273	Plastic	black	refer to photo		
M274	Plastic	white	refer to photo		
M275	Plastic	white	refer to photo		
M276	Plastic	black	refer to photo		
M277	Plastic	black	refer to photo		
M278	Plastic	dark blue	refer to photo		
M279	Plastic	grey	refer to photo		
M280	Plastic	orange	refer to photo		
M281	Metal	silver	refer to photo		
M282	Metal	silver	refer to photo		
M283	Metal	copper	refer to photo		
M284	Plastic	black	refer to photo		



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M285	Plastic	transparent	refer to photo	
M286	Plastic	black	refer to photo	
M287	Metal	silver	refer to photo	
M288	Metal	golden	refer to photo	
M289	Plastic	white	refer to photo	
M290	Plastic	yellow	refer to photo	
M291	Metal	silver	refer to photo	
M292	Metal	silver	refer to photo	
M293	Metal	silver	refer to photo	
M294	Coating	white	refer to photo	
M295	Metal	silver	refer to photo	
M296	Metal	silver	refer to photo	
M297	Magnet	black	refer to photo	
M298	Plastic	black	refer to photo	
M299	Plastic	black	refer to photo	
M300	Plastic	dark pink-red	refer to photo	
M301	Plastic	white+black	refer to photo	
M302	Plastic	white	refer to photo	
M303	Metal	silver	refer to photo	
M304	Glue	yellow	refer to photo	
M305	Electronic components	black	refer to photo	
M306	Solder	silver	refer to photo	
M307	Metal	copper	refer to photo	
M308	Glue	grey	refer to photo	
M309	Metal	silver	refer to photo	
M310	Plastic + adhesive	silver	refer to photo	
M311	Metal	silver	refer to photo	
M312	Plastic + adhesive	white+black	refer to photo	
M313	Plastic + adhesive	yellow	refer to photo	
M314	Plastic + Textile	white	refer to photo	
M315	Plastic	white	refer to photo	
M316	Plastic	black	refer to photo	



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M317 Plastic red refer to photo M318 Plastic black refer to photo M319 Plastic white refer to photo M320 Metal silver refer to photo M321 Metal silver refer to photo M322 Solder silver refer to photo M323 Metal copper refer to photo M324 Plastic white refer to photo M325 Metal silver refer to photo M326 Metal silver refer to photo M327 Plastic transparent refer to photo M328 Plastic yellow refer to photo M329 Plastic black refer to photo M330 Plastic red refer to photo M331 Metal copper refer to photo M332 Plastic white refer to photo M333 Plastic dark red refer to photo M334 Plastic black refer to photo					
M319 Plastic white refer to photo M320 Metal silver refer to photo M321 Metal silver refer to photo M322 Solder silver refer to photo M323 Metal copper refer to photo M324 Plastic white refer to photo M325 Metal silver refer to photo M326 Metal silver refer to photo M327 Plastic transparent refer to photo M328 Plastic yellow refer to photo M329 Plastic black refer to photo M330 Plastic red refer to photo M331 Metal copper refer to photo M332 Plastic transparent refer to photo M333 Plastic dark red refer to photo M334 Plastic black refer to photo M335 Solder silver refer to photo M336 Metal copper refer to photo M337 Magnet cyan-blue refer to photo	M317	Plastic	red	refer to photo	
M320 Metal silver refer to photo M321 Metal silver refer to photo M322 Solder silver refer to photo M323 Metal copper refer to photo M324 Plastic white refer to photo M325 Metal silver refer to photo M326 Metal silver refer to photo M327 Plastic transparent refer to photo M328 Plastic yellow refer to photo M329 Plastic transparent refer to photo M330 Plastic red refer to photo M331 Metal copper refer to photo M332 Plastic transparent refer to photo M333 Plastic red refer to photo M334 Plastic dark red refer to photo M335 Solder silver refer to photo M336 Metal copper refer to photo M337 Magnet cyan-blue refer to photo	M318	Plastic	black	refer to photo	
M321 Metal silver refer to photo M322 Solder silver refer to photo M323 Metal copper refer to photo M324 Plastic white refer to photo M325 Metal silver refer to photo M326 Metal silver refer to photo M327 Plastic transparent refer to photo M328 Plastic yellow refer to photo M329 Plastic black refer to photo M330 Plastic red refer to photo M331 Metal copper refer to photo M332 Plastic red refer to photo M333 Plastic dark red refer to photo M334 Plastic black refer to photo M335 Solder silver refer to photo M336 Metal copper refer to photo	M319	Plastic	white	refer to photo	
M322 Solder silver refer to photo M323 Metal copper refer to photo M324 Plastic white refer to photo M325 Metal silver refer to photo M326 Metal silver refer to photo M327 Plastic transparent refer to photo M328 Plastic yellow refer to photo M329 Plastic black refer to photo M330 Plastic red refer to photo M331 Metal copper refer to photo M332 Plastic transparent refer to photo M333 Plastic red refer to photo M334 Plastic black refer to photo M335 Solder silver refer to photo M336 Metal copper refer to photo M337 Magnet cyan-blue refer to photo	M320	Metal	silver	refer to photo	
M323 Metal copper refer to photo M324 Plastic white refer to photo M325 Metal silver refer to photo M326 Metal silver refer to photo M327 Plastic transparent refer to photo M328 Plastic yellow refer to photo M329 Plastic black refer to photo M330 Plastic red refer to photo M331 Metal copper refer to photo M332 Plastic transparent refer to photo M331 Metal refer to photo M332 Plastic red refer to photo M333 Plastic dark red refer to photo M334 Plastic black refer to photo M335 Solder silver refer to photo M336 Metal copper refer to photo M337 Magnet cyan-blue refer to photo	M321	Metal	silver	refer to photo	
M324 Plastic white refer to photo M325 Metal silver refer to photo M326 Metal silver refer to photo M327 Plastic transparent refer to photo M328 Plastic yellow refer to photo M329 Plastic black refer to photo M330 Plastic red refer to photo M331 Metal copper refer to photo M332 Plastic + Textile white refer to photo M333 Plastic black refer to photo M334 Plastic dark red refer to photo M335 Solder silver refer to photo M336 Metal copper refer to photo M337 Magnet cyan-blue refer to photo	M322	Solder	silver	refer to photo	
M325Metalsilverrefer to photoM326Metalsilverrefer to photoM327Plastictransparentrefer to photoM328Plasticyellowrefer to photoM329Plasticblackrefer to photoM330Plasticredrefer to photoM331Metalcopperrefer to photoM332Plastic + Textilewhiterefer to photoM333Plasticdark redrefer to photoM334Plasticblackrefer to photoM335Soldersilverrefer to photoM336Metalcopperrefer to photoM337Magnetcyan-bluerefer to photo	M323	Metal	copper	refer to photo	
M326Metalsilverrefer to photoM327Plastictransparentrefer to photoM328Plasticyellowrefer to photoM329Plasticblackrefer to photoM330Plasticredrefer to photoM331Metalcopperrefer to photoM332Plastic + Textilewhiterefer to photoM333Plasticdark redrefer to photoM334Plasticblackrefer to photoM335Soldersilverrefer to photoM336Metalcopperrefer to photoM337Magnetcyan-bluerefer to photo	M324	Plastic	white	refer to photo	
M327Plastictransparentrefer to photoM328Plasticyellowrefer to photoM329Plasticblackrefer to photoM330Plasticredrefer to photoM331Metalcopperrefer to photoM332Plastic + Textilewhiterefer to photoM333Plasticdark redrefer to photoM334Plasticblackrefer to photoM335Soldersilverrefer to photoM336Metalcopperrefer to photoM337Magnetcyan-bluerefer to photo	M325	Metal	silver	refer to photo	
M328 Plastic yellow refer to photo M329 Plastic black refer to photo M330 Plastic red refer to photo M331 Metal copper refer to photo M332 Plastic + Textile white refer to photo M333 Plastic dark red refer to photo M334 Plastic black refer to photo M335 Solder silver refer to photo M336 Metal copper refer to photo M337 Magnet cyan-blue refer to photo	M326	Metal	silver	refer to photo	
M329 Plastic black refer to photo M330 Plastic red refer to photo M331 Metal copper refer to photo M332 Plastic + Textile white refer to photo M333 Plastic dark red refer to photo M334 Plastic black refer to photo M335 Solder silver refer to photo M336 Metal copper refer to photo M337 Magnet cyan-blue refer to photo	M327	Plastic	transparent	refer to photo	
M330 Plastic red refer to photo M331 Metal copper refer to photo M332 Plastic + Textile white refer to photo M333 Plastic dark red refer to photo M334 Plastic black refer to photo M335 Solder silver refer to photo M336 Metal copper refer to photo M337 Magnet cyan-blue refer to photo	M328	Plastic	yellow	refer to photo	
M331 Metal copper refer to photo M332 Plastic + Textile white refer to photo M333 Plastic dark red refer to photo M334 Plastic black refer to photo M335 Solder silver refer to photo M336 Metal copper refer to photo M337 Magnet cyan-blue refer to photo	M329	Plastic	black	refer to photo	
M332 Plastic + Textile white refer to photo M333 Plastic dark red refer to photo M334 Plastic black refer to photo M335 Solder silver refer to photo M336 Metal copper refer to photo M337 Magnet cyan-blue refer to photo	M330	Plastic	red	refer to photo	
M333 Plastic dark red refer to photo M334 Plastic black refer to photo M335 Solder silver refer to photo M336 Metal copper refer to photo M337 Magnet cyan-blue refer to photo	M331	Metal	copper	refer to photo	
M334 Plastic black refer to photo M335 Solder silver refer to photo M336 Metal copper refer to photo M337 Magnet cyan-blue refer to photo	M332	Plastic + Textile	white	refer to photo	
M335 Solder silver refer to photo M336 Metal copper refer to photo M337 Magnet cyan-blue refer to photo	M333	Plastic	dark red	refer to photo	
M336 Metal copper refer to photo M337 Magnet cyan-blue refer to photo	M334	Plastic	black	refer to photo	
M337 Magnet cyan-blue refer to photo	M335	Solder	silver	refer to photo	
	M336	Metal	copper	refer to photo	
M338 Rubber black refer to photo	M337	Magnet	cyan-blue	refer to photo	
	M338	Rubber	black	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
M001	BL	BL	BL	BL	n.a.
M002	BL	BL	BL	BL	BL
M003	BL	BL	BL	BL	BL
M004	BL	BL	BL	BL	BL
M005	BL	BL	BL	BL	BL
M006	BL	BL	BL	BL	BL
M007	BL	BL	BL	BL	BL
M008	BL	BL	BL	BL	BL
M009	BL	BL	BL	BL	d.(*1)
M010	BL	BL	BL	BL	BL
M011	BL	BL	BL	BL	n.a.
M012	BL	BL	BL	BL	d.(*1)
M013	BL	BL	BL	BL	BL
M014	BL	BL	BL	BL	d.(*1)
M015	BL	BL	BL	BL	BL
M016	BL	BL	BL	BL	d.(*1)
M017	BL	BL	BL	BL	d.(*1)
M018	BL	BL	BL	BL	n.a.
M019	BL	BL	BL	BL	d.(*1)
M020	BL	BL	BL	BL	n.a.
M021	BL	BL	BL	BL	BL
M022	BL	BL	BL	BL	n.a.
M023	BL	BL	BL	BL	BL
M024	BL	BL	BL	BL	d.(*1)
M025	BL	BL	BL	BL	BL
M026	BL	BL	BL	BL	d.(*1)
M027	BL	BL	BL	BL	BL
M028	BL	BL	BL	BL	BL
M029	BL	BL	BL	BL	BL
M030	BL	BL	BL	BL	BL
M031	BL	BL	BL	BL	d.(*1)
M032	BL	BL	BL	BL	n.a.
M033	BL	BL	BL	BL	BL
M034	BL	BL	BL	BL	BL
M035	BL	BL	BL	BL	BL
M036	BL	BL	BL	BL	BL
M037	BL	BL	BL	BL	BL



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	_				-
M038	BL	BL	BL	BL	n.a.
M039	BL	BL	BL	BL	d.(*1)
M040	BL	BL	BL	BL	BL
M041	BL	BL	BL	BL	BL
M042	BL	BL	BL	BL	n.a.
M043	BL	BL	BL	BL	n.a.
M044	BL	BL	BL	BL	BL
M045	BL	BL	BL	BL	BL
M046	BL	BL	BL	BL	n.a.
M047	BL	BL	BL	BL	BL
M048	BL	BL	BL	BL	BL
M049	BL	BL	BL	BL	BL
M050	BL	BL	BL	BL	BL
M051	BL	BL	BL	BL	BL
M052	BL	BL	BL	BL	BL
M053	BL	BL	BL	BL	n.a.
M054	BL	BL	BL	BL	d.(*1)
M055	BL	BL	BL	BL	d.(*1)
M056	BL	BL	BL	BL	d.(*1)
M057	BL	BL	BL	BL	d.(*1)
M058	BL	BL	BL	BL	BL
M059	BL	BL	BL	BL	d.(*1)
M060	BL	BL	BL	BL	BL
M061	BL	BL	BL	BL	BL
M062	BL	BL	BL	BL	BL
M063	BL	BL	BL	BL	d.(*1)
M064	BL	BL	BL	BL	BL
M065	BL	BL	BL	BL	BL
M066	BL	BL	BL	BL	d.(*1)
M067	BL	BL	BL	BL	d.(*1)
M068	BL	BL	BL	BL	d.(*1)
M069	BL	BL	BL	BL	BL
M070	BL	BL	BL	BL	d.(*1)
M071	BL	BL	BL	BL	n.a.
M072	BL	BL	BL	BL	n.a.
M073	BL	BL	BL	BL	d.(*1)
M074	BL	BL	BL	BL	BL
M075	BL	BL	BL	BL	BL
M076	BL	d.(*1)	BL	BL	n.a.
M077	BL	d.(*1)	BL	BL	n.a.
M078	BL	BL	BL	BL	BL
M079	BL	BL	BL	BL	n.a.
M080	BL	BL	BL	BL	n.a.
	·				1



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M081	BL	BL	BL	BL	n.a.
M082	BL	BL	BL	BL	BL
M083	BL	BL	BL	BL	BL
M084	BL	BL	BL	BL	d.(*1)
M085	BL	BL	BL	BL	BL
M086	BL	BL	BL	BL	d.(*1)
M087	BL	BL	BL	BL	BL
M088	BL	BL	BL	BL	n.a.
M089	BL	BL	BL	BL	BL
M090	BL	BL	BL	BL	BL
M091	BL	BL	BL	BL	n.a.
M092	BL	BL	BL	BL	n.a.
M093	BL	BL	BL	BL	BL
M094	BL	d.(*1)	BL	BL	BL
M095	BL	BL	BL	BL	BL
M096	BL	BL	BL	BL	n.a.
M097	BL	BL	BL	BL	n.a.
M098	BL	BL	BL	BL	BL
M099	BL	BL	BL	BL	BL
M100	BL	BL	BL	BL	d.(*1)
M101	d.(*1)	BL	BL	BL	BL
M102	BL	BL	BL	BL	BL
M103	BL	BL	BL	BL	BL
M104	BL	BL	BL	BL	n.a.
M105	BL	BL	BL	BL	n.a.
M106	BL	BL	BL	BL	BL
M107	BL	d.(*1)	BL	BL	n.a.
M108	BL	BL	BL	BL	BL
M109	BL	d.(*1)	BL	BL	n.a.
M110	BL	BL	BL	BL	BL
M111	BL	BL	BL	BL	BL
M112	BL	BL	BL	BL	BL
M113	BL	BL	BL	BL	n.a.
M114	BL	BL	BL	BL	n.a.
M115	BL	BL	BL	BL	d.(*1)
M116	BL	BL	BL	BL	BL
M117	BL	BL	BL	BL	BL
M118	BL	BL	BL	BL	d.(*1)
M119	BL	BL	BL	BL	d.(*1)
M120	BL	BL	BL	BL	d.(*1)
M121	BL	BL	BL	BL	BL
M122	BL	BL	BL	BL	d.(*1)
M123	BL	BL	BL	BL	BL
	_	_	_		· -



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M124 BL B						
M126 BL B	M124	BL	BL	BL	BL	BL
M127 BL B	M125	BL	BL	BL	BL	BL
M128 BL B	M126	BL	BL	BL	BL	d.(*1)
M129 BL B	M127	BL	BL	BL	BL	BL
M130 BL B	M128	BL	BL	BL	BL	BL
M131 BL B	M129	BL	BL	BL	BL	BL
M132 BL B	M130	BL	BL	BL	BL	BL
M133 BL B	M131	BL	BL	BL	BL	BL
M134 BL B	M132	BL	BL	BL	BL	BL
M135 BL B	M133	BL	BL	BL	BL	BL
M136 BL B	M134	BL	BL	BL	BL	BL
M137 BL B	M135	BL	BL	BL	BL	BL
M138 BL B	M136	BL	BL	BL	BL	BL
M139 BL B	M137	BL	BL	BL	BL	BL
M140 BL B	M138	BL	BL	BL	BL	d.(*1)
M141 BL B	M139	BL	BL	BL	BL	BL
M142 BL DL D	M140	BL	BL	BL	BL	BL
M143 BL BL BL BL BL BL ML M	M141	BL	BL	BL	BL	BL
M144 BL BL BL d.(*1) BL n.a. M145 BL BL BL BL n.a. M146 BL BL BL BL n.a. M147 BL BL BL BL BL n.a. M147 BL BL <td>M142</td> <td>BL</td> <td>BL</td> <td>BL</td> <td>BL</td> <td>BL</td>	M142	BL	BL	BL	BL	BL
M145 BL BL BL BL n.a. M146 BL BL BL BL n.a. M147 BL BL BL BL BL n.a. M148 BL	M143	BL	BL	BL	BL	BL
M146 BL BL BL BL n.a. M147 BL BL BL BL n.a. M148 BL BL BL BL BL BL M149 BL	M144	BL	BL	d.(*1)	BL	n.a.
M147 BL B	M145	BL	BL	BL	BL	n.a.
M148 BL B	M146	BL	BL	BL	BL	n.a.
M149 BL B	M147	BL	BL	BL	BL	n.a.
M150 BL RL R	M148	BL	BL	BL	BL	BL
M151 BL B	M149	BL	BL	BL	BL	BL
M152 BL B	M150	BL	BL	BL	BL	BL
M153 BL B	M151	BL	BL	BL	BL	n.a.
M154 BL B	M152	BL	BL	BL	BL	BL
M155 BL B	M153	BL	BL	BL	BL	BL
M156 BL DL D	M154	BL	BL	BL	BL	BL
M157 BL DL D	M155	BL	BL	BL	BL	BL
M158 BL BL BL BL d.(*1) M159 BL BL BL BL BL n.a. M160 BL BL BL BL BL BL M161 BL BL BL BL n.a. M162 BL BL BL BL n.a. M163 BL d.(*1) BL BL n.a. M164 BL d.(*1) BL BL n.a. M165 BL d.(*1) BL BL n.a.	M156	BL	BL	BL	BL	BL
M159 BL BL BL BL n.a. M160 BL BL BL BL BL BL M161 BL BL BL BL n.a. n.a. M162 BL BL BL BL n.a. M163 BL d.(*1) BL BL n.a. M164 BL d.(*1) BL BL n.a. M165 BL d.(*1) BL BL n.a.	M157	BL	BL	BL	BL	BL
M160 BL BL BL BL BL BL BL BL n.a. M161 BL BL BL BL BL n.a. M162 BL BL BL BL n.a. M163 BL d.(*1) BL BL n.a. M164 BL d.(*1) BL BL n.a. M165 BL d.(*1) BL BL n.a.	M158	BL	BL	BL	BL	d.(*1)
M161 BL d.(*1) BL BL n.a. M162 BL BL BL BL n.a. M163 BL d.(*1) BL BL n.a. M164 BL d.(*1) BL BL n.a. M165 BL d.(*1) BL BL n.a.	M159	BL	BL	BL	BL	n.a.
M162 BL BL BL BL n.a. M163 BL d.(*1) BL BL n.a. M164 BL d.(*1) BL BL n.a. M165 BL d.(*1) BL BL n.a.	M160	BL	BL	BL	BL	BL
M163 BL d.(*1) BL BL n.a. M164 BL d.(*1) BL BL n.a. M165 BL d.(*1) BL BL n.a.	M161	BL	d.(*1)	BL	BL	n.a.
M164 BL d.(*1) BL BL n.a. M165 BL d.(*1) BL BL n.a.	M162	BL	BL	BL	BL	n.a.
M165 BL d.(*1) BL BL n.a.	M163	BL	d.(*1)	BL	BL	n.a.
	M164	BL	d.(*1)	BL	BL	n.a.
M166 BL BL BL n.a.	M165	BL	d.(*1)	BL	BL	n.a.
	M166	BL	BL	BL	BL	n.a.



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M167 BL B						
M169 BL B	M167	BL	BL	BL	BL	BL
M170 BL BL BL BL BL BL n.a. M171 BL BL BL BL BL BL n.a. M172 BL	M168	BL	BL	BL	BL	BL
M171 BL d.(*1) BL <	M169	BL	BL	BL	BL	BL
M172 BL B	M170	BL	BL	BL	BL	BL
M173 BL B	M171	BL	d.(*1)	BL	BL	n.a.
M174 BL B	M172	BL	BL	BL	BL	BL
M175 BL B	M173	BL	BL	BL	BL	BL
M176 BL B	M174	BL	BL	BL	BL	BL
M177 BL B	M175	BL	BL	BL	BL	BL
M178 BL B	M176	BL	BL	BL	BL	BL
M179 BL B	M177	BL	BL	BL	BL	BL
M180 BL B	M178	BL	BL	BL	BL	BL
M181 BL B	M179	BL	BL	BL	BL	BL
M182 BL B	M180	BL	BL	BL	BL	BL
M183 BL B	M181	BL	BL	BL	BL	BL
M184 BL B	M182	BL	BL	BL	BL	BL
M185 BL B	M183	BL	BL	BL	BL	BL
M186 BL B	M184	BL	BL	BL	BL	BL
M187 BL B	M185	BL	BL	BL	BL	BL
M188 BL B	M186	BL	BL	BL	BL	BL
M189 BL B	M187	BL	BL	BL	BL	BL
M190 BL B	M188	BL	BL	BL	BL	BL
M191 BL B	M189	BL	BL	BL	BL	BL
M192 BL B	M190	BL	BL	BL	BL	BL
M193 BL B	M191	BL	BL	BL	BL	BL
M194 BL B	M192	BL	BL	BL	BL	BL
M195 BL B	M193	BL	BL	BL	BL	BL
M196 BL DL D	M194	BL	BL	BL	BL	BL
M197 BL d.(*1) BL BL n.a. M198 BL BL BL BL BL BL M199 BL BL BL BL BL BL M200 BL BL BL BL BL BL M201 BL BL BL BL BL BL M202 BL BL BL BL BL n.a. M203 BL BL BL BL BL n.a. M204 BL BL BL BL BL BL M205 BL BL BL BL BL BL M206 d.(*1) BL BL BL BL BL M207 BL BL BL BL BL BL M208 BL BL BL BL BL BL	M195	BL	BL	BL	BL	BL
M198 BL B	M196	BL	BL	BL	BL	BL
M199 BL DL D	M197	BL	d.(*1)	BL	BL	n.a.
M200 BL DL D	M198	BL	BL	BL	BL	BL
M201 BL BL BL BL BL BL BL BL ML M	M199	BL	BL	BL	BL	BL
M202 BL BL BL BL n.a. M203 BL BL BL BL n.a. M204 BL BL BL BL BL M205 BL BL BL BL BL M206 d.(*1) BL BL BL BL M207 BL BL BL BL BL M208 BL BL BL BL BL	M200	BL	BL	BL	BL	BL
M203 BL BL BL BL n.a. M204 BL BL BL BL BL BL M205 BL BL BL BL BL BL M206 d.(*1) BL BL BL BL BL M207 BL BL BL BL BL BL M208 BL BL BL BL BL BL	M201	BL	BL	BL	BL	BL
M204 BL B	M202	BL	BL	BL	BL	n.a.
M205 BL B	M203	BL	BL	BL	BL	n.a.
M206 d.(*1) BL BL BL BL M207 BL BL BL BL BL M208 BL BL BL BL BL	M204	BL	BL	BL	BL	BL
M207 BL BL BL BL BL M208 BL BL BL BL BL	M205	BL	BL	BL	BL	BL
M208 BL BL BL BL	M206	d.(*1)	BL	BL	BL	BL
	M207	BL	BL	BL	BL	BL
M209 BL BL BL BL	M208	BL	BL	BL	BL	BL
	M209	BL	BL	BL	BL	BL



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M210	BL	BL	BL	BL	BL
M211	BL	BL	BL	BL	BL
M212	BL	BL	BL	d.(*1)	n.a.
M213	BL	BL	BL	BL	BL
M214	BL	BL	BL	BL	BL
M215	BL	BL	BL	BL	BL
M216	BL	BL	BL	BL	BL
M217	BL	BL	BL	BL	BL
M218	BL	BL	BL	BL	BL
M219	BL	BL	BL	BL	BL
M220	BL	BL	BL	BL	BL
M221	BL	BL	BL	BL	BL
M222	BL	BL	BL	BL	BL
M223	BL	BL	BL	BL	BL
M224	BL	BL	BL	BL	n.a.
M225	BL	BL	BL	BL	n.a.
M226	BL	BL	BL	BL	d.(*1)
M227	BL	BL	BL	BL	BL
M228	BL	BL	BL	BL	BL
M229	BL	BL	d.(*1)	BL	n.a.
M230	BL	BL	BL	BL	d.(*1)
M231	BL	BL	BL	BL	BL
M232	BL	d.(*1)	BL	BL	n.a.
M233	BL	d.(*1)	BL	BL	n.a.
M234	BL	BL	d.(*1)	BL	n.a.
M235	BL	d.(*1)	BL	BL	n.a.
M236	BL	BL	BL	BL	d.(*1)
M237	BL	BL	BL	BL	d.(*1)
M238	BL	BL	BL	BL	BL
M239	BL	BL	BL	BL	d.(*1)
M240	BL	BL	BL	BL	BL
M241	BL	BL	BL	BL	BL
M242	BL	BL	BL	BL	n.a.
M243	BL	BL	BL	BL	BL
M244	BL	d.(*1)	BL	BL	n.a.
M245	BL	BL	BL	BL	n.a.
M246	BL	d.(*1)	BL	BL	n.a.
M247	BL	d.(*1)	BL	BL	n.a.
M248	BL	d.(*1)	BL	BL	n.a.
M249	BL	BL	d.(*1)	BL	n.a.
M250	BL	d.(*1)	BL	BL	n.a.
M251	BL	d.(*1)	BL	BL	n.a.
M252	BL	d.(*1)	BL	BL	n.a.



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M253	BL	d.(*1)	BL	BL	n.a.
M254	BL	d.(*1)	BL	BL	n.a.
M255	BL	BL	BL	BL	BL
M256	BL	BL	BL	BL	BL
M257	BL	BL	BL	BL	d.(*1)
M258	BL	d.(*1)	BL	BL	n.a.
M259	BL	d.(*1)	BL	BL	n.a.
M260	BL	BL	d.(*1)	BL	n.a.
M261	BL	BL	BL	BL	BL
M262	BL	BL	BL	BL	d.(*1)
M263	BL	BL	BL	BL	BL
M264	BL	BL	BL	BL	BL
M265	BL	d.(*1)	d.(*1)	BL	n.a.
M266	BL	BL	BL	BL	BL
M267	BL	BL	BL	BL	BL
M268	BL	BL	BL	BL	d.(*1)
M269	BL	BL	BL	BL	BL
M270	BL	d.(*1)	BL	BL	n.a.
M271	BL	BL	d.(*1)	BL	n.a.
M272	d.(*1)	BL	d.(*1)	BL	n.a.
M273	BL	BL	BL	BL	d.(*1)
M274	BL	BL	BL	BL	BL
M275	BL	BL	BL	BL	BL
M276	BL	BL	BL	BL	d.(*1)
M277	BL	BL	BL	BL	d.(*1)
M278	BL	BL	BL	BL	BL
M279	BL	BL	BL	BL	BL
M280	BL	BL	BL	BL	BL
M281	d.(*1)	BL	d.(*1)	BL	n.a.
M282	BL	d.(*1)	BL	BL	n.a.
M283	BL	BL	BL	BL	n.a.
M284	BL	BL	BL	BL	d.(*1)
M285	BL	BL	BL	BL	BL
M286	BL	BL	BL	BL	BL
M287	BL	BL	BL	BL	BL
M288	BL	BL	BL	BL	BL
M289	BL	BL	BL	BL	BL
M290	BL	BL	BL	BL	BL
M291	BL	d.(*1)	BL	BL	n.a.
M292	BL	d.(*1)	BL	BL	n.a.
M293	BL	BL	BL	BL	n.a.
M294	BL	BL	BL	BL	BL
M295	BL	d.(*1)	BL	BL	n.a.
		•			



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M296	BL	BL	BL	BL	n.a.
M297	BL	d.(*1)	BL	BL	n.a.
M298	BL	BL	BL	BL	BL
M299	BL	BL	BL	BL	BL
M300	BL	BL	BL	BL	BL
M301	BL	BL	BL	BL	BL
M302	BL	BL	BL	BL	BL
M303	BL	d.(*1)	BL	BL	n.a.
M304	BL	BL	BL	BL	BL
M305	BL	BL	BL	BL	BL
M306	BL	BL	BL	BL	n.a.
M307	BL	BL	BL	BL	n.a.
M308	BL	BL	BL	BL	BL
M310	BL	BL	BL	BL	BL
M311	BL	BL	BL	BL	n.a.
M312	BL	BL	BL	BL	BL
M313	BL	BL	BL	BL	BL
M314	BL	BL	BL	BL	BL
M315	BL	BL	BL	BL	BL
M316	BL	BL	BL	BL	BL
M317	BL	BL	BL	BL	BL
M318	BL	BL	BL	BL	BL
M319	BL	BL	BL	BL	BL
M320	BL	BL	BL	BL	n.a.
M321	BL	BL	BL	BL	n.a.
M322	BL	BL	BL	BL	n.a.
M323	BL	BL	BL	BL	n.a.
M324	BL	BL	BL	BL	BL
M325	BL	d.(*1)	BL	BL	n.a.
M326	BL	BL	BL	BL	n.a.
M327	BL	BL	BL	BL	BL
M328	BL	BL	BL	BL	BL
M329	BL	BL	BL	BL	BL
M330	BL	BL	BL	BL	BL
M331	BL	BL	BL	BL	n.a.
M332	BL	BL	BL	BL	BL
M333	BL	BL	BL	BL	BL
M334	BL	BL	BL	BL	BL
M335	d.(*1)	BL	d.(*1)	BL	n.a.
M336	BL	BL	BL	BL	n.a.
M337	BL	BL	BL	BL	n.a.
M338	BL	BL	BL	BL	BL
M309	BL	BL	BL	BL	n.a.
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Abbreviation: Pb = Lead

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

Remark:

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

XRF Screening limits for different matrices:

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

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

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



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

Test Method: Total Cadmium, Lead, Mercury, Chromium- Ref. to IEC 62321-4:2013+AMD1:2017 and

IEC 62321-5:2013

Chromium (VI)

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

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

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

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

Test Result:

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

	(%)								
Material No.	Cd	Cd Cr^ Pb Hg PBBs PBDE							
Material No.		RL (%)							
	0.001	0.001	0.001	0.001	0.01	0.01			
M009	n.a.	n.a.	n.a.	n.a.	< RL	< RL			
M012	n.a.	n.a.	n.a.	n.a.	< RL	< RL			
M014	n.a.	n.a.	n.a.	n.a.	< RL	< RL			
M016	n.a.	n.a.	n.a.	n.a.	< RL	< RL			
M017	n.a.	n.a.	n.a.	n.a.	< RL	< RL			
M019	n.a.	n.a.	n.a.	n.a.	< RL	< RL			
M024	n.a.	n.a.	n.a.	n.a.	< RL	< RL			
M026	n.a.	n.a.	n.a.	n.a.	< RL	< RL			
M031	n.a.	n.a.	n.a.	n.a.	< RL	< RL			
M039	n.a.	n.a.	n.a.	n.a.	< RL	< RL			
M054	n.a.	n.a.	n.a.	n.a.	< RL	< RL			
M055	n.a.	n.a.	n.a.	n.a.	< RL	< RL			
M056	n.a.	n.a.	n.a.	n.a.	< RL	< RL			
M057	n.a.	n.a.	n.a.	n.a.	< RL	< RL			
M059	n.a.	n.a.	n.a.	n.a.	< RL	< RL			
M063	n.a.	n.a.	n.a.	n.a.	< RL	< RL			
M066	n.a.	n.a.	n.a.	n.a.	< RL	< RL			
M067	n.a.	n.a.	n.a.	n.a.	< RL	< RL			
M068	n.a.	n.a.	n.a.	n.a.	< RL	< RL			
M070	n.a.	n.a.	n.a.	n.a.	< RL	< RL			



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M073	n.a.	n.a.	n.a.	n.a.	< RL	< RL
M084	n.a.	n.a.	n.a.	n.a.	< RL	< RL
M086	n.a.	n.a.	n.a.	n.a.	< RL	< RL
M100	n.a.	n.a.	n.a.	n.a.	< RL	< RL
M101	< RL	n.a.	n.a.	n.a.	n.a.	n.a.
M115	n.a.	n.a.	n.a.	n.a.	< RL	< RL
M118	n.a.	n.a.	n.a.	n.a.	< RL	< RL
M119	n.a.	n.a.	n.a.	n.a.	< RL	< RL
M120	n.a.	n.a.	n.a.	n.a.	< RL	< RL
M122	n.a.	n.a.	n.a.	n.a.	< RL	< RL
M126	n.a.	n.a.	n.a.	n.a.	< RL	< RL
M138	n.a.	n.a.	n.a.	n.a.	< RL	< RL
M144	n.a.	n.a.	0.005	n.a.	n.a.	n.a.
M158	n.a.	n.a.	n.a.	n.a.	< RL	< RL
M206	< RL	n.a.	n.a.	n.a.	n.a.	n.a.
M212	n.a.	n.a.	n.a.	< RL	n.a.	n.a.
M226	n.a.	n.a.	n.a.	n.a.	< RL	< RL
M229	n.a.	n.a.	0.006	n.a.	n.a.	n.a.
M230	n.a.	n.a.	n.a.	n.a.	< RL	< RL
M234	n.a.	n.a.	3.34 (*2)	n.a.	n.a.	n.a.
M236	n.a.	n.a.	n.a.	n.a.	< RL	< RL
M237	n.a.	n.a.	n.a.	n.a.	< RL	< RL
M239	n.a.	n.a.	n.a.	n.a.	< RL	< RL
M249	n.a.	n.a.	2.60 (*2)	n.a.	n.a.	n.a.
M257	n.a.	n.a.	n.a.	n.a.	< RL	< RL
M260	n.a.	n.a.	2.91 (*2)	n.a.	n.a.	n.a.
M262	n.a.	n.a.	n.a.	n.a.	< RL	< RL
M265	n.a.	n.a.	2.48 (*2)	n.a.	n.a.	n.a.
M268	n.a.	n.a.	n.a.	n.a.	< RL	< RL
M271	n.a.	n.a.	2.89 (*2)	n.a.	n.a.	n.a.
M272	< RL	n.a.	0.001	n.a.	n.a.	n.a.
M273	n.a.	n.a.	n.a.	n.a.	< RL	< RL
M276	n.a.	n.a.	n.a.	n.a.	< RL	< RL
M277	n.a.	n.a.	n.a.	n.a.	< RL	< RL
M281	< RL	n.a.	0.001	n.a.	n.a.	n.a.
M284	n.a.	n.a.	n.a.	n.a.	< RL	< RL



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M335 < RL n.a. 0.003 n.a.	n.a.	n.a.
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Material No.	Chromium VI content for metal materials (µg/cm²) (*1)
	RL: 0.10 µg/cm²
M265	Negative
M076	Negative
M077	Negative
M107	Negative
M109	Negative
M161	Negative
M163	Negative
M164	Negative
M165	Negative
M171	Negative
M197	Negative
M232	Negative
M233	Negative
M235	Negative
M244	Negative
M246	Negative
M247	Negative
M248	Negative
M250	Negative
M251	Negative
M252	Negative
M253	Negative
M254	Negative
M258	Negative
M259	Negative
M270	Negative
M282	Negative
M291	Negative
M292	Negative
M295	Negative
M297	Negative
M303	Negative
M325	Negative
Material No.	Chromium VI content for other materials (%) RL: 0.01%
M094	< RL



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Abbreviation: Pb = Lead

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

PBBs = Total Polybrominated Biphenyls
PBDEs = Total Polybrominated Diphenyl Ethers

= Less thanRL = Reporting Limitn.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).

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



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3. BBP, DBP, DEHP, DIBP content

Test Method: IEC 62321-8:2017

Test Result:

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

	Material No	(%)			
Test No.		BBP	DBP	DEHP	DIBP
	Material No.	RL (%)			
		0.005	0.005	0.005	0.005
T001	M030 + M044 + M045	< RL	< RL	< RL	< RL
T002	M002 + M106 + M294	< RL	< RL	< RL	< RL
T003	M019 + M039 + M054 + M063 + M067	< RL	< RL	< RL	< RL
T004	M005 + M006 + M015 + M052 + M061	< RL	< RL	< RL	< RL
T005	M062 + M082 + M238	< RL	< RL	< RL	< RL
T006	M010 + M108 + M168	< RL	< RL	< RL	< RL
T007	M003 + M004 + M074 + M085 + M186	< RL	< RL	< RL	< RL
T008	M041 + M304	< RL	< RL	< RL	< RL
T009	M007 + M008 + M013 + M014 + M016	< RL	< RL	< RL	< RL
T010	M017 + M021 + M026 + M031 + M050	< RL	< RL	< RL	< RL
T011	M051 + M055 + M056 + M059 + M066	< RL	< RL	< RL	< RL
T012	M068 + M070 + M073 + M075 + M078	< RL	< RL	< RL	< RL
T013	M086 + M087 + M089 + M090 + M099	< RL	< RL	< RL	< RL
T014	M102 + M115 + M118 + M119 + M120	< RL	< RL	< RL	< RL
T015	M122 + M123 + M124 + M125 + M126	< RL	< RL	< RL	< RL
T016	M131 + M132 + M138 + M154 + M155	< RL	< RL	< RL	< RL



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<u> </u>	M156 + M157 +	_				

T017	M156 + M157 + M158 + M160 + M169	< RL	< RL	< RL	< RL
T018	M172 + M181 + M195 + M196 + M213	< RL	< RL	< RL	< RL
T019	M219 + M230 + M231 + M236 + M237	< RL	< RL	< RL	< RL
T020	M239 + M255 + M257 + M262 + M267	< RL	< RL	< RL	< RL
T021	M268 + M273 + M276 + M277 + M278	< RL	< RL	< RL	< RL
T022	M279 + M280 + M284 + M285	< RL	< RL	< RL	< RL
T023	M289 + M301 + M302	< RL	< RL	< RL	< RL
T024	M009 + M047 + M048 + M049 + M101	< RL	< RL	< RL	< RL
T025	M103 + M110 + M111 + M112 + M116	< RL	< RL	< RL	< RL
T026	M117 + M121 + M127 + M128 + M129	< RL	< RL	< RL	< RL
T027	M130 + M133 + M134 + M135 + M136	< RL	< RL	< RL	< RL
T028	M137 + M139 + M140 + M141 + M142	< RL	< RL	< RL	< RL
T029	M143 + M148 + M149 + M150 + M152	< RL	< RL	< RL	< RL
T030	M153 + M167 + M173 + M174 + M175	< RL	< RL	< RL	< RL
T031	M176 + M177 + M178 + M179 + M180	< RL	< RL	< RL	< RL
T032	M182 + M183 + M184 + M185 + M187	< RL	< RL	< RL	< RL
T033	M188 + M189 + M190 + M191 + M192	< RL	< RL	< RL	< RL
T034	M193 + M194 + M198 + M199 + M200	< RL	< RL	< RL	< RL
T035	M201 + M204 + M205 + M206 + M207	< RL	< RL	< RL	< RL
T036	M208 + M209 + M210 + M211 + M214	< RL	< RL	< RL	< RL



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T037	M215 + M216 + M217 + M218 + M220	< RL	< RL	< RL	< RL
T038	M221 + M222 + M223 + M228 + M240	< RL	< RL	< RL	< RL
T039	M241 + M243 + M256 + M261 + M263	< RL	< RL	< RL	< RL
T040	M264 + M266 + M269 + M274 + M275	< RL	< RL	< RL	< RL
T041	M286 + M290 + M298 + M299 + M300	< RL	< RL	< RL	< RL
T042	M100 + M226 + M170	< RL	< RL	< RL	< RL
T043	M308	< RL	< RL	< RL	< RL
T044	M310 + M312 + M313	< RL	< RL	< RL	< RL
T045	M314 + M316 + M317 + M318 + M319	< RL	< RL	< RL	< RL
T046	M315 + M324 + M327	< RL	< RL	< RL	< RL
T047	M328 + M329 + M330	< RL	< RL	< RL	< RL
T048	M332 + M333 + M334	< RL	< RL	< RL	< RL
T049	M338	< 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

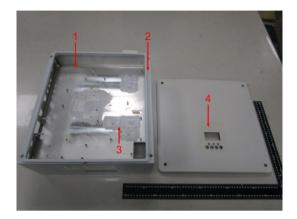
Remark:

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

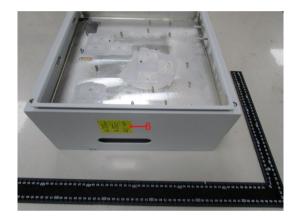


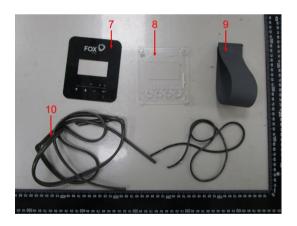
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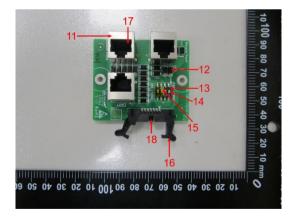






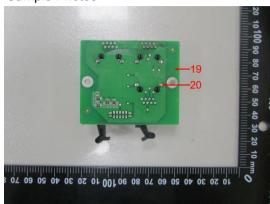


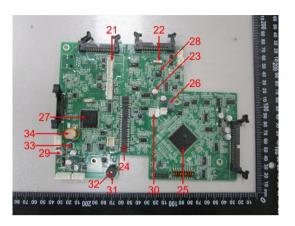


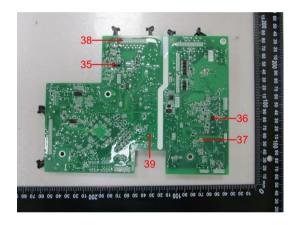


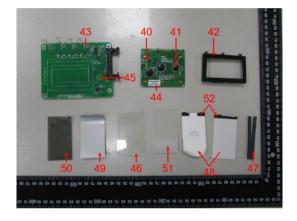


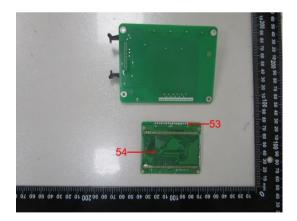
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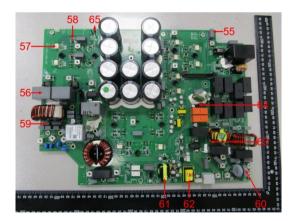






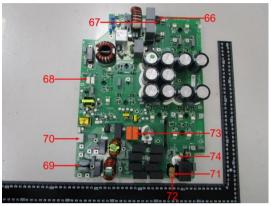


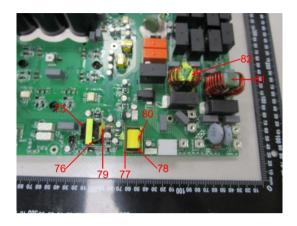


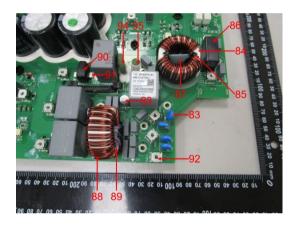


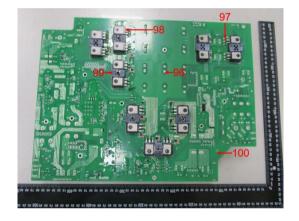


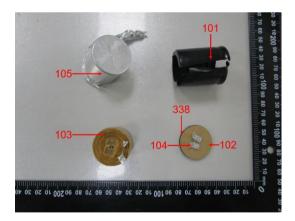
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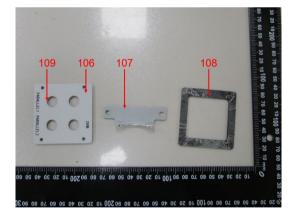










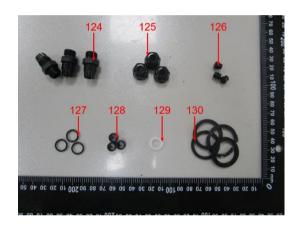




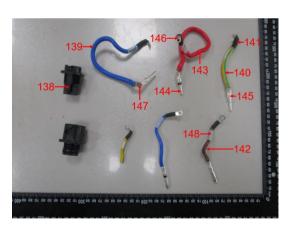
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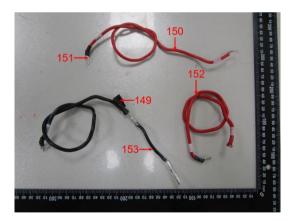










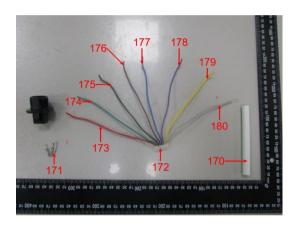


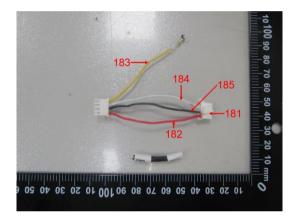


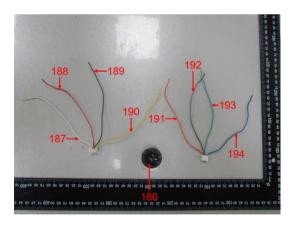
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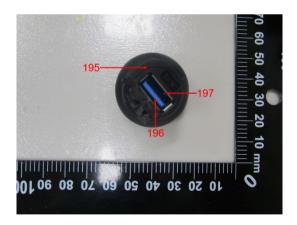






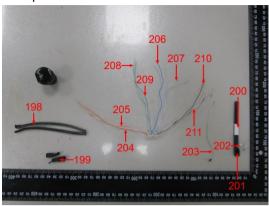




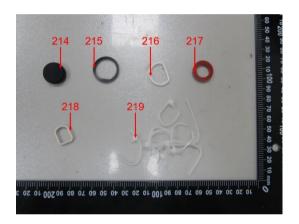


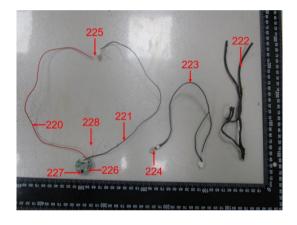


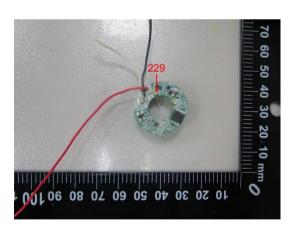
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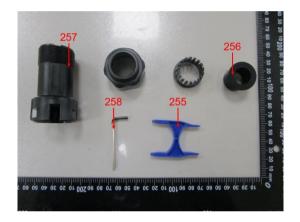


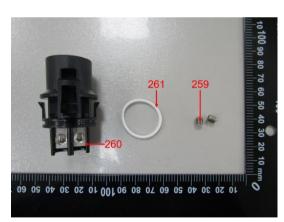
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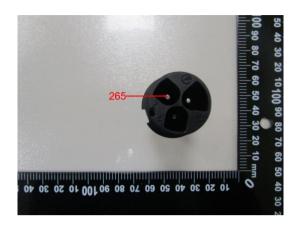






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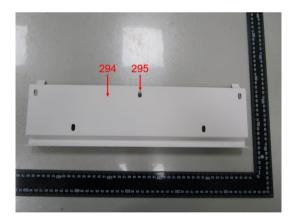










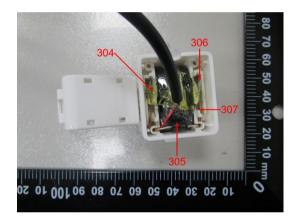


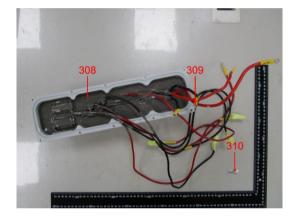


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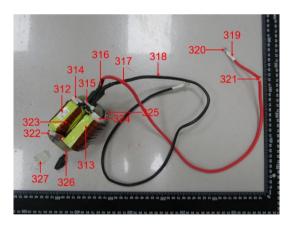






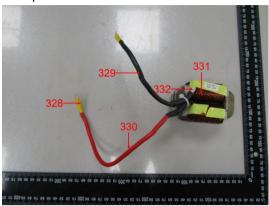


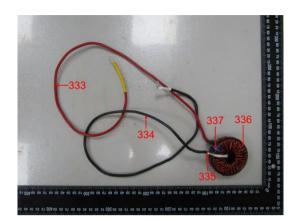






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General Terms and Conditions of Business of TÜV Rheinland in Greater China

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

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

The contract not for the purpose of a daily use.

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

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

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

Coming into effect and duration of contracts

Coming into effect and duration of contracts

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

3.3

Scope of services

Scope of services

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

4.3

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

5.1 5.2

5.3

Performance periods/dates

The contractually agreed periods/dates of performance are based on estimates of the work involved which are prepared in line with the details provided by the client. They shall only be binding if being confirmed as binding by TUR Perheland in writing, das hall not commence until the Internal Periods of the periods of agreed periods/dates of performance not caused by TUV Rheinland.

Articles 5.1 and 5.2 also apply, even whole vegrees approval by the cellent, to all extensions of agreed periods/dates of performance not caused by TUV Rheinland. TUV Rheinland is respectively the periods of t

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

The client shall guarantee that all cooperation required on its part, its agents or third parties will be provided in good time and at no cost to TÜV Rheinland.

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

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

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

Prices

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

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

7.2 7.3

Payment terms

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

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

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

assets.

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

TÜV Rheinland shall be entitled to demand appropriate advance payments.

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

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

9.1

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

9.4

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

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

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

9.6

10.2

10.1

Confidentiality

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

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

Copyrights and rights of use, publications

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

otherwise agreed by the parties in a sequence of the contraction of the contract of the contra 11.2 11.3

11.4

Liability of TÜV Rheinland

Liability of TÜV Rheinland irrespective of the legal basis, to the fullest extent permitted by applicable law, in the event of a breach of contractan obligations or bot, the faibility of TÜV Rheinland for all damages, losses and shall be initied to. (i) in the case of a contract win a fixed overall fee, three times the overall fee for the entire contract. (ii) in the case of a contract or that seed overall fee, three times the overall fee for the entire contract. (ii) in the case of a contract or the service of the entire contract has a fixed or the entire contract. (ii) in the case of a contract expressly charged on a time and resteral basis, a maximum of that provides for the possibility of planing individual orders, three times of the fee for the individual order under which the damages or losses have occurred. Note this damage above, in the event that the botal and accumitated lastive clearland according to the Norpelin provisions neceeds 2.5 or that the botal and accumitated lastive clearland according to the Norpelin provisions neceeds 2.5 or the necessary of the Norpelin provisions neceeds 2.5 or the Norpelin provisions necessary. The initiation of labelity according to a trained to exceed the said 2.5 Million Exro or equivalent amount in local curries according to intrice 1.21 above, and in or apply to damage and/or losses. In cases involving a fundamental breach of contract, TÜV Rheinland will be lable even where minor negligence is involved. For this purpose for a person deepth, physical layin; or these. In cases involving a fundamental breach of contract shall be limited to the amount of damages for a standamental breach of contract at the time of the breach (peasonably foreseedated damages), release any of the circumstances described in article 10V Rheinland shall be by the left to the acts of the personnel made available by the clearly of the circumstances described in article 10V Rheinland shall be the last of the personnel made available by the clearly of the circumstances described in a minute o

12.2

breach (reasonably foreseeable damages), urless any of the circumsuress beaution in the 12-2 applies.

12-2 applies.

12-2 applies.

13-2 applies.

15-2 applies.

15-3 applies.

15-4 applies.

16-4 app 12.5

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

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

Export control

When passing on the services provided by TÜV Rheinland or parts thereof to third parties in Greater China or other regions, the client must comply with the respectively applicable regulations of national and international export control law.

The performance of a contract with the client is subject to the proviso that there are no obstacles to performance due to national or international foreign trade legislations or embargos and/or sanctions. In the event of a violation, TÜV Rheinland shall be entitled to terminate the contract with immediate effect and the client shall compensate for the losses incured thereof by TÜV Rheinland.

Data protection notice

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

Retention of test material and documentation

15.3

Retention of test material and documentation.

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

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

If reference samples or documentations are given to the client to be placed in storage at their premises, the reference samples or concumentations are the made available to TÜV Rheinland of making available the reference samples and/or concentrations are visit to the placed in storage at their premises, the reference samples are concernationally and a storage of the control of the cont 15.4

15.5

16.2

Termination of the contract

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

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

Force Migure

Hardship

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

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

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

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

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

Partial invalidity, written form, place of jurisdiction and dispute resolution
All amendments and supplements must be in withing in order to be effective. This also applies to
amendments and supplements must be in withing in order to be control to the control of the control o 19.2

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

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

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

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

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