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Client: JIANGSU CHUNLAN IMP.&EXP.CO., LTD.
Contact Information: 10th Floor, Chunlan Global Business Centre, Taizhou, Jiangsu, China
**Identification/
Model No(s):** Energy storage heat pump type mobile air conditioner
XKYRd-45
Condition at delivery: Test item complete and undamaged.
Sample Receiving date: 2020-12-02, 2021-01-12, 2021-01-15,2021-02-22,2021-03-03
Testing Period: 2020-12-02 to 2021-03-09
Place of testing: Chemical laboratory Guangzhou

Test Specification:

Test result:

1. Customer's requirement: PASS
Risk Assessment of Articles: Screening of substances of very high concern (SVHC) subject to authorisation, according to (EU) No 143/2011, (EU) No 125/2012, (EU) No 348/2013, (EU) No 895/2014, (EU) No. 2017/999 and (EU) No. 2020/171 (Annex XIV of EC No 1907/2006) and candidate list by European Chemical Agency (ECHA), according to the EU Court of Justice rules on SVHCs in articles (Guidance on requirements for substances in articles, June 2017)

Other information:

According to customer's requirement, only the appointed materials have been tested.

For and on behalf of
TÜV Rheinland (Guangdong) Ltd.



2021-03-05

Aaliya Chen / Assistant Project 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: Energy storage heat pump type mobile air conditioner
XKYRd-45

Material No.	Material	Color	Location
M001a	Plastic	Beige	Refer to photo
M001b	Metal	Silvery	Refer to photo
M001c	Metal	Silvery	Refer to photo
M001d	Metal	Silvery	Refer to photo
M001e	Metal	Silvery	Refer to photo
M001f	Metal	Silvery	Refer to photo
M001g	Metal	Silvery	Refer to photo
M001h	Metal	Silvery grey	Refer to photo
M001i	Metal	Silvery	Refer to photo
M001j	Metal	Silvery	Refer to photo
M001k	Plastic	Semi-transparent	Refer to photo
M002	Metal + coating	Silvery/light khaki	Refer to photo
M002c	Metal	Silvery	Refer to photo
M003	Plastic	White	Refer to photo
M004	Metal	Silvery	Refer to photo
M005	Metal	Silvery	Refer to photo
M006	Plastic	Black	Refer to photo
M008(*)	Metal	Gold	Refer to photo
M009	Metal	Silvery	Refer to photo
M010	Metal	Silvery	Refer to photo
M011	Textile	Black	Refer to photo
M014a	Plastic	Black	Refer to photo
M014b	Plastic	Black	Refer to photo
M014c	Plastic	Black	Refer to photo
M014d	Metal	Silvery	Refer to photo
M015	Metal	Silvery	Refer to photo
M016	Metal	Silvery	Refer to photo
M017	Wire (with core)	Multicolor	Refer to photo

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M017c	Metal	Silvery	Refer to photo
M017d	Plastic	Black	Refer to photo
M019	Metal	Copper	Refer to photo
M022	Plastic	Black	Refer to photo
M024	Foam	White	Refer to photo
M025	Plastic	Black	Refer to photo
M026	Plastic	White	Refer to photo
M029	Metal	Copper	Refer to photo
M030	Plastic	Black	Refer to photo
M032	Plastic	Black	Refer to photo
M033	Plastic	Black	Refer to photo
M034	Plastic	Black	Refer to photo
M035	Plastic	Black	Refer to photo
M036a	Plastic	Blue	Refer to photo
M036b	Metal	Silvery	Refer to photo
M036c	Plastic	Black	Refer to photo
M036d	Plastic + plating	Black/silvery	Refer to photo
M036e	Plastic	Black	Refer to photo
M036f	Plastic	Black	Refer to photo
M037	Plastic	White	Refer to photo
M038	Plastic	Off white	Refer to photo
M039	Plastic	semi-transparent	Refer to photo
M040	Plastic	White	Refer to photo
M042a	Plastic	Black	Refer to photo
M042b	Metal	Silvery	Refer to photo
M042c	Plastic	White	Refer to photo
M042d	Metal	Silvery	Refer to photo
M044	Metal	Copper	Refer to photo
M046	Plastic	semi-transparent	Refer to photo
M047	Foam	White	Refer to photo
M049	Plastic	Black	Refer to photo
M050a	Plastic	Red	Refer to photo

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M050d	Metal	Silvery	Refer to photo
M050e	Metal	Silvery	Refer to photo
M050g	Plastic	Transparent blue	Refer to photo
M050h	Metal	Silvery	Refer to photo
M050i	Metal	Silvery	Refer to photo
M053	Paper + adhesive	Beige	Refer to photo
M054	Plastic	Black	Refer to photo
M055	Plastic	Black	Refer to photo
M056	Metal	Silvery	Refer to photo
M056c	Metal	Copper	Refer to photo
M056d	Metal	Silvery	Refer to photo
M056e	Metal	Copper	Refer to photo
M056f	Metal	Silvery	Refer to photo
M056g(*)	Metal	Gold	Refer to photo
M056h	Paper + printing + adhesive		Refer to photo
M056i	Metal	Gold	Refer to photo
M058b(*)	Metal	Gold	Refer to photo
M058c(*)	Metal	Gold	Refer to photo
M058d	Metal	Copper	Refer to photo
M059a	Plastic	Black	Refer to photo
M059b	Metal	Silvery	Refer to photo
M059c	Metal	Silvery	Refer to photo
M059d	Metal	Copper	Refer to photo
M060	Metal	Silvery	Refer to photo
M063	Metal	Silvery	Refer to photo
M064	Metal	Silvery/blue	Refer to photo
M065	Metal	Copper	Refer to photo
M066	Metal	Copper	Refer to photo
M067	Metal	Copper	Refer to photo
M068	Metal	Copper	Refer to photo
M069	Metal	Silvery	Refer to photo
M085a	Plastic	Black	Refer to photo

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M085b	Metal	Silvery	Refer to photo
M085c	Metal	Silvery	Refer to photo
M085d	Resin	Black	Refer to photo
M085e	Plastic	Blue	Refer to photo
M085f	Metal	Silvery	Refer to photo
M085g	Plastic	Black	Refer to photo
M085z	Plastic	Green	Refer to photo
M086	Plastic + adhesive	Black	Refer to photo
M087	Wire (with core)	Multicolor	Refer to photo
M087a	Plastic	Black	Refer to photo
M087b	Plastic	Black	Refer to photo
M087c	Metal	Silvery	Refer to photo
M087d	Plastic	White	Refer to photo
M087e	Plastic	Transparent blue	Refer to photo
M087f	Metal	Silvery	Refer to photo
M089a	Plastic	White	Refer to photo
M089b	Plastic	semi-transparent	Refer to photo
M089c	Metal	Silvery	Refer to photo
M089d	Plastic	Beige	Refer to photo
M089e	Plastic	White	Refer to photo
M089f	Metal	Silvery	Refer to photo
M089g	Magnet	Dark grey	Refer to photo
M089h	Metal	Copper	Refer to photo
M089i	Metal	Silvery	Refer to photo
M089k	Metal	Silvery	Refer to photo
M089l	Metal	Silvery	Refer to photo
M089m	Plastic	White	Refer to photo
M089n	Metal	Copper	Refer to photo
M089o	Magnet	Black	Refer to photo
M089p	Metal	Silvery	Refer to photo
M089q	Metal	Copper	Refer to photo
M089r	Metal	Gold	Refer to photo

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M089s	Plastic	White	Refer to photo
M089t	Metal	Silvery	Refer to photo
M089u	Metal	Silvery	Refer to photo
M089v	Metal	Gold	Refer to photo
M089w	Graphite	Dark grey	Refer to photo
M089x	Plastic	Black	Refer to photo
M089y	Metal	Copper	Refer to photo
M091	Plastic	White	Refer to photo
M092	Plastic	White	Refer to photo
M093	Plastic	White	Refer to photo
M095a	Plastic	Transparent	Refer to photo
M095b	Plastic	Transparent	Refer to photo
M096a	Plastic	White	Refer to photo
M096b	Plastic	White	Refer to photo
M096c	Plastic	White	Refer to photo
M096d	Plastic	White	Refer to photo
M096e	Plastic	White	Refer to photo
M096f	Glue	Transparent	Refer to photo
M096g	Plastic	White	Refer to photo
M096h	Metal	Silvery	Refer to photo
M099	Wire (with core)	Multicolor	Refer to photo
M099a	Metal	Copper	Refer to photo
M099b	Plastic	Black	Refer to photo
M099c	Metal	Silvery	Refer to photo
M099d(*)	Metal	Silvery	Refer to photo
M099e	Metal	Silvery	Refer to photo
M099f	Ceramic	White	Refer to photo
M099g	Metal	Silvery	Refer to photo
M099h	Metal	Silvery	Refer to photo
M099i	Plastic	Red	Refer to photo
M099j	Metal	Silvery	Refer to photo
M099k	Metal	Silvery	Refer to photo

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M099l	Metal	Silvery	Refer to photo
M099m	Metal	Silvery	Refer to photo
M099n	Metal	Silvery	Refer to photo
M099o	Plastic + adhesive	Transparent yellow	Refer to photo
M099q	Metal	Gold	Refer to photo
M099r	Plastic	Black	Refer to photo
M099s	Electronic components	Silvery/black	Refer to photo
M099t	Plastic	Black	Refer to photo
M099v	Textile	Blue	Refer to photo
M099w	Textile	Red	Refer to photo
M103	Metal	Silvery	Refer to photo
M104a	Metal	Silvery	Refer to photo
M104b	Plastic	White	Refer to photo
M104c	Metal	Silvery	Refer to photo
M104d	Metal	Silvery	Refer to photo
M104e	Plastic	Black	Refer to photo
M104f	Metal	Silvery	Refer to photo
M104g	Plastic	White	Refer to photo
M104h	Plastic	Black	Refer to photo
M104i	Metal	Silvery	Refer to photo
M104j	Plastic	White	Refer to photo
M104k	Plastic	White	Refer to photo
M104l	Metal	Silvery	Refer to photo
M104m	Plastic	Black	Refer to photo
M104n	Metal	Silvery	Refer to photo
M104o	Plastic	Bige	Refer to photo
M104p	Plastic	White	Refer to photo
M104q	Metal	Copper	Refer to photo
M104r	Plastic	White	Refer to photo
M105b	Metal	Silvery	Refer to photo
M105c	Plastic	White	Refer to photo
M105d	Metal	Silvery	Refer to photo

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M106	Plastic	Black	Refer to photo
M107a	Metal	Silvery	Refer to photo
M107b	Metal	Silvery	Refer to photo
M112	Wire (with core)	Black/silvery	Refer to photo
M112d	Metal	Silvery	Refer to photo
M112f	Metal	Silvery	Refer to photo
M113	Plastic	White	Refer to photo
M115	Metal	Silvery	Refer to photo
M118	Wire (with core)	Black/silvery	Refer to photo
M118c	Plastic	Blue	Refer to photo
M118d	Metal	Silvery	Refer to photo
M122	Plastic	Black	Refer to photo
M123	Metal + coating	Silvery/beige	Refer to photo
M124	Plastic	Black	Refer to photo
M125a	Metal	Silvery	Refer to photo
M125b	Plastic	Blue	Refer to photo
M125c	Plastic	Black	Refer to photo
M125d	Metal	Silvery	Refer to photo
M125e	Metal	Silvery	Refer to photo
M125f	Metal	Silvery	Refer to photo
M126a	Plastic	White	Refer to photo
M126aa	Metal	Silvery	Refer to photo
M126ab	Plastic	Black	Refer to photo
M126ac	Plastic + printing + adhesive	Silvery/black	Refer to photo
M126b	Metal	Silvery	Refer to photo
M126c	Plastic	Black	Refer to photo
M126d	Metal	Silvery	Refer to photo
M126e	Ceramic	White	Refer to photo
M126f	Metal	Black	Refer to photo
M126h	Metal	Silvery	Refer to photo
M126i	Metal	Silvery	Refer to photo
M126j	Metal	Silvery	Refer to photo

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M126k	Metal	Silvery	Refer to photo
M126l	Magnet	Black	Refer to photo
M126m	Metal	Silvery	Refer to photo
M126u	Solder	Silvery	Refer to photo
M126v	PCB board	Green	Refer to photo
M126w	Metal	Silvery	Refer to photo
M126x(*)	Plastic	Black	Refer to photo
M126y	Plastic	Black	Refer to photo
M126z	Plastic	White	Refer to photo
M127	Plastic	Black	Refer to photo
M128	Plastic	Black	Refer to photo
M129	Plastic	Black	Refer to photo
M132	Plastic	Black	Refer to photo
M133	Metal	Silvery	Refer to photo
M138	Metal	Silvery	Refer to photo
M139	Metal	Silvery	Refer to photo
M142	Metal	Silvery	Refer to photo
M147	Plastic	White	Refer to photo
M148	Plastic	White	Refer to photo
M149a(*)	Plastic	Semi-transparent	Refer to photo
M149b(*)	Solder	Silvery	Refer to photo
M149d(*)	Plastic	White	Refer to photo
M149e	Plastic + adhesive	Grey	Refer to photo
M149f	Plastic	White	Refer to photo
M149g	Metal	Silvery	Refer to photo
M149h(*)	Plastic	Black	Refer to photo
M149i(*)	Plastic	Black	Refer to photo
M149j	Plastic	Red	Refer to photo
M149k	Paper + printing + adhesive	White/black	Refer to photo
M153	Plastic	White	Refer to photo
M156a	Magnet	Black	Refer to photo
M156b	Plastic	White	Refer to photo

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M156c	Metal	Silvery	Refer to photo
M156d	Metal	Silvery	Refer to photo
M156e	Metal	Silvery	Refer to photo
M156f	Paper + printing + adhesive	White/silvery	Refer to photo
M156g	Metal	Silvery	Refer to photo
M156h	Plastic	White	Refer to photo
M156i	Plastic	Semi-transparent	Refer to photo
M156j	Metal	Copper	Refer to photo
M156k	PCB board	Green	Refer to photo
M156l	Solder	Silvery	Refer to photo
M156m	Plastic	White	Refer to photo
M156n	Metal	Silvery	Refer to photo
M156o	Plastic	Black	Refer to photo
M157	Plastic	White	Refer to photo
M158	Plastic	Black	Refer to photo
M164a	Metal	Silvery	Refer to photo
M164b	Metal	Silvery	Refer to photo
M164c	Plastic	White	Refer to photo
M164d	Plastic	White	Refer to photo
M164e	Plastic	White	Refer to photo
M165(*)	Plastic	Beige	Refer to photo
M166	Plastic	White	Refer to photo
M167a	Plastic	White	Refer to photo
M167b	Plastic	White	Refer to photo
M168	Plastic + printing + adhesive	grey/white/multicolor	Refer to photo
M169	Plastic + printing + adhesive	yellow/black	Refer to photo
M170	Plastic + printing + adhesive	white/black/blue	Refer to photo
M176	Plastic	White	Refer to photo
M179	Metal	Silvery	Refer to photo
M180a	Plastic	White	Refer to photo

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M180b	Metal	Silvery	Refer to photo
M180c	Plastic	Black	Refer to photo
M180d	Plastic	Black	Refer to photo
M181a	Plastic	White	Refer to photo
M181b	Metal	Silvery	Refer to photo
M181c(*)	Solder	Silvery	Refer to photo
M181d	Plastic	Black	Refer to photo
M181e	Metal	Purple	Refer to photo
M181f(*)	Metal	Gold	Refer to photo
M181g	Metal	Silvery	Refer to photo
M181h	Plastic	Black	Refer to photo
M182	Plastic	White	Refer to photo
M184	Plastic + coating	Transparent/Black/white	Refer to photo
M184a	Glue	Transparent	Refer to photo
M186	Plastic	White	Refer to photo
M189a	Metal	Silvery	Refer to photo
M189b	Plastic	White	Refer to photo
M189c	Plastic	Black	Refer to photo
M189d	Metal	Silvery	Refer to photo
M189e	Metal	Silvery	Refer to photo
M189f	Metal	Silvery	Refer to photo
M189g	Metal	Silvery	Refer to photo
M189h(*)	Plastic	Beige	Refer to photo
M189i(*)	Plastic	Light grey	Refer to photo
M189j	Textile	White	Refer to photo
M190a(*)	Metal	Gold	Refer to photo
M190b	Plastic	White	Refer to photo
M190c(*)	Plastic	Black	Refer to photo
M190d(*)	Plastic	Black	Refer to photo
M190e(*)	Metal	Gold	Refer to photo
M190f	Metal	Silvery	Refer to photo
M190g	Metal	Silvery	Refer to photo

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M190h	Metal	Silvery	Refer to photo
M190i	Plastic	White	Refer to photo
M191	Wire (with core)	Red/silvery	Refer to photo
M192	Wire (with core)	Pink/silvery	Refer to photo
M193	Wire (with core)	Orange/silvery	Refer to photo
M194	Wire (with core)	Yellow/silvery	Refer to photo
M195	Wire (with core)	Blue/silver	Refer to photo
M196	Wire (with core)	Red/copper	Refer to photo
M197	Wire (with core)	Black/copper	Refer to photo
M201	Wire (with core)	Red/silvery	Refer to photo
M202(*)	Wire (with core)	Black/silvery	Refer to photo
M216	Metal	Silvery	Refer to photo
M217	Plastic	White	Refer to photo
M218	Magnet	dark grey	Refer to photo
M219	Plastic	Transparent	Refer to photo
M220	Plastic	Black	Refer to photo
M221	Plastic	Semi-transparent	Refer to photo
M222	Ceramic	White	Refer to photo
M223	Plastic	Black	Refer to photo
M224	Plastic	White	Refer to photo
M225	Metal	Silvery	Refer to photo
M226	Wire (with core)	Red/silvery	Refer to photo
M227	Wire (with core)	Blue/silvery	Refer to photo
M228	Resin	Black	Refer to photo
M229	Plastic	Dark grey	Refer to photo
M230	Metal	Black	Refer to photo
M231	Metal	Silvery	Refer to photo
M232	Electronic components	Black	Refer to photo
M233	Electronic components	Black	Refer to photo
M234(*)	Electronic components	Black	Refer to photo
M235	Electronic components	Dark yellow/multicolor	Refer to photo
M236	Electronic components	Blue	Refer to photo

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M237	Metal	Silvery	Refer to photo
M238	Plastic	White	Refer to photo
M239	Glue	White	Refer to photo
M240(*)	Electronic components	Black	Refer to photo
M241	Plastic + printing + adhesive	Transparent/black	Refer to photo
M242	Plastic + adhesive	Yellow	Refer to photo
M243	Plastic	Black	Refer to photo
M244	Metal	Copper	Refer to photo
M245	Plastic	Transparent	Refer to photo
M246	Metal	Silvery	Refer to photo
M247	Metal	Silvery	Refer to photo
M248	Plastic + printing	Black/white	Refer to photo
M249	Plastic	Black	Refer to photo
M250	Metal	Silvery	Refer to photo
M251	Plastic + printing	Black/white	Refer to photo
M252	Plastic	Black	Refer to photo
M253	Electronic components	Black	Refer to photo
M254	Plastic	White	Refer to photo
M255	Magnet	Dark grey	Refer to photo
M256	Plastic	Black	Refer to photo
M257	Metal	Copper	Refer to photo
M258	Metal	Silvery	Refer to photo
M259	Plastic + printing	Brown/white	Refer to photo
M260	Plastic	Black	Refer to photo
M261	Plastic	Red	Refer to photo
M262	Electronic components	Black	Refer to photo
M263	Plastic	Black	Refer to photo
M264	Metal	Silvery/black	Refer to photo
M265	Plastic	Black	Refer to photo
M266	Metal	Copper	Refer to photo
M267	Electronic components	Blue	Refer to photo
M268	Plastic	Transparent	Refer to photo

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M269	Metal	Silvery	Refer to photo
M270	Plastic + printing	Yellow/black	Refer to photo
M271	Resin	Yellow	Refer to photo
M272	Plastic	Silvery	Refer to photo
M273	Magnet	Green	Refer to photo
M274	Metal	Copper	Refer to photo
M275	Plastic	Beige	Refer to photo
M276	Resin	Black	Refer to photo
M277	Plastic	Black	Refer to photo
M278	Plastic	White	Refer to photo
M279	Plastic	Yellow	Refer to photo
M280	Plastic	Red	Refer to photo
M281	Electronic components	Black	Refer to photo
M282	Electronic components	Black	Refer to photo
M283	Plastic	Black	Refer to photo
M284	Metal	Copper	Refer to photo
M285	Metal	Silvery	Refer to photo
M286	Metal	Silvery	Refer to photo
M287	Metal	Copper	Refer to photo
M288(*)	Metal	Silvery	Refer to photo
M289	Metal	Silvery	Refer to photo
M290	Electronic components	Beige	Refer to photo
M291	Metal	Silvery	Refer to photo
M292	Plastic	Blue	Refer to photo
M293	PCB board	Green	Refer to photo
M294	Solder	Silvery	Refer to photo
M300	Metal	Silvery	Refer to photo
M301	Plastic + printing	Brown/white	Refer to photo
M302	Plastic	Black	Refer to photo
M303	Plastic	White	Refer to photo
M304	Metal	Silvery	Refer to photo
M305	Electronic components	Black	Refer to photo

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M307	Plastic	Beige	Refer to photo
M308	Plastic	White	Refer to photo
M309	Plastic	Transparent	Refer to photo
M310	Plastic + adhesive	Black	Refer to photo
M311	Plastic	White	Refer to photo
M312	Plastic	red	Refer to photo
M313	Plastic	Transparent/yellow	Refer to photo
M314	Electronic components	Black	Refer to photo
M315	Electronic components	Black	Refer to photo
M316	Solder	Silvery	Refer to photo
M317	PCB board	Green	Refer to photo
M318	Electronic components	Black	Refer to photo
M319	Electronic components	Black	Refer to photo
M320	Electronic components	Black	Refer to photo
M321	Paper + printing + adhesive	White/black	Refer to photo
M322	Metal	Silvery	Refer to photo
M323	Electronic components	Black	Refer to photo
M324	Electronic components	Black	Refer to photo
M325	PCB board	Dark blue	Refer to photo
M326	Electronic components	Light gold	Refer to photo
M327	Wire (with core)	White/silvery	Refer to photo
M328	Wire (with core)	Yellow/silvery	Refer to photo
M329	Wire (with core)	Black/silvery	Refer to photo
M330	Wire (with core)	Red/silvery	Refer to photo
M331	Wire (with core)	Red/silvery	Refer to photo
M332	Wire (with core)	Yellow/silvery	Refer to photo
M333(*)	Wire (with core)	Red/silvery	Refer to photo
M334(*)	Wire (with core)	Blue/silver	Refer to photo
M335(*)	Wire (with core)	Yellow&green/silvery	Refer to photo
M336	Wire (with core)	Orange/silvery	Refer to photo
M337	Wire (with core)	Blue/silver	Refer to photo
M338	Wire (with core)	Red/silvery	Refer to photo

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M339	Wire (with core)	White/silvery	Refer to photo
M340	Wire (with core)	Yellow/silvery	Refer to photo
M341	Wire (with core)	Red/silvery	Refer to photo
M342	Wire (with core)	Black/silvery	Refer to photo
M343	Wire (with core)	Brown/copper	Refer to photo
M344	Wire (with core)	Blue/copper	Refer to photo
M345	Wire (with core)	Yellow&green/copper	Refer to photo
M346	Wire (with core)	Blue/silver	Refer to photo
M347	Wire (with core)	Yellow/silvery	Refer to photo
M348	Wire (with core)	White/silvery	Refer to photo
M349	Wire (with core)	Black/silvery	Refer to photo
M350	Wire (with core)	Red/silvery	Refer to photo
M351(*)	Wire (with core)	Brown/copper	Refer to photo
M352(*)	Wire (with core)	Blue/copper	Refer to photo
M353	Wire (with core)	Red/silvery	Refer to photo
M354	Wire (with core)	White/silvery	Refer to photo
M355(*)	Plastic	Blue	Refer to photo
M356	Metal	Silvery	Refer to photo
M357	Textile	White	Refer to photo
M358	Wire (with core)	Dark blue/copper	Refer to photo
M359	Wire (with core)	Dark pink/copper	Refer to photo
M360	Wire (with core)	Brown/copper	Refer to photo
M361	Wire (with core)	Brown/copper	Refer to photo
M362	Wire (with core)	Yellow&green/copper	Refer to photo
M363	Wire (with core)	Blue/copper	Refer to photo
M364	Plastic	White	Refer to photo
M366	Plastic	White	Refer to photo
M367	Metal	Silvery	Refer to photo
M368	Metal	Silvery	Refer to photo
M369	Metal	Silvery	Refer to photo
M370	Metal	Silvery	Refer to photo
M371(*)	Metal	Gold	Refer to photo

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M372	Plastic	Beige	Refer to photo
M376	Metal	Silvery	Refer to photo
M377	Metal	Silvery	Refer to photo
M378	Metal	Gold	Refer to photo
M380	Metal	Gold	Refer to photo
M381(*)	Wire (with core)	Red/copper	Refer to photo
M382(*)	Wire (with core)	Blue/copper	Refer to photo
M383(*)	Wire (with core)	Yellow&green/copper	Refer to photo
M384(*)	Wire (with core)	Dark red/silvery	Refer to photo
M385	Plastic	Transparent	Refer to photo
M386	Metal	Silvery	Refer to photo
M387	Paper	Beige	Refer to photo
M390	Metal	Silvery	Refer to photo
M391	Wire (with core)	Black/silvery	Refer to photo
M392	Metal	Silvery	Refer to photo
M393	Metal	Gold	Refer to photo
M394	Plastic	White	Refer to photo
M395	Metal	Silvery	Refer to photo
M396	Wire (with core)	Brown/silvery	Refer to photo
M397	Wire (with core)	Dark blue	Refer to photo
M398	Plastic	Black	Refer to photo
M400	Metal + coating	Silvery/white	Refer to photo
M402(*)	Solder	Silvery	Refer to photo
M403	Plastic	White	Refer to photo
M404	Metal	Copper	Refer to photo
M405(*)	Metal	Gold	Refer to photo
M406	Metal	Silvery	Refer to photo
M407(*)	Metal	Gold	Refer to photo
M408	Plastic	Grey	Refer to photo
M409	Metal	Silvery	Refer to photo
M410	Metal	Black	Refer to photo
M411	Metal	Silvery	Refer to photo

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M412	Metal	Silvery	Refer to photo
M413	Metal	Silvery	Refer to photo
M414	Metal	Silvery	Refer to photo
M415	Metal	Silvery	Refer to photo
M416	Metal	Silvery	Refer to photo
M417	Metal	Silvery	Refer to photo
M418	Metal	Copper	Refer to photo
M419	Metal	Silvery	Refer to photo
M420	Ceramic	grey	Refer to photo
M421	Metal + coating	Silvery	Refer to photo
M423	Metal	Silvery	Refer to photo
M424	Metal	Silvery	Refer to photo
M425	Metal	Silvery	Refer to photo
M426	Textile	Beige	Refer to photo
M427	Wire (with core)	transparent/copper	Refer to photo
M428a	Textile	Beige/black/red	Refer to photo
M429	Metal	Silvery	Refer to photo
M430	Plastic	White	Refer to photo
M431	Metal	Silvery	Refer to photo
M432	Metal	Silvery	Refer to photo
M434	Plastic	White	Refer to photo
M435	Metal	Silvery	Refer to photo
M436	Metal	Silvery	Refer to photo
M437	Metal	Copper	Refer to photo
M438	Metal	Silvery	Refer to photo
M439	Metal	Silvery	Refer to photo
M440	Metal	Silvery	Refer to photo
M441	Metal	Silvery	Refer to photo
M442	Plastic	Black	Refer to photo
M443	Plastic	Light brown	Refer to photo
M444	Metal	Silvery	Refer to photo
M445	Metal	Silvery	Refer to photo

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M447	Metal	Silvery	Refer to photo
M448	Oil	Yellow	Refer to photo
M452	Metal	silvery	Refer to photo
M453	Metal	silvery	Refer to photo
M454	Metal	silvery	Refer to photo
M455	Metal	silvery	Refer to photo
M456	Solder	silvery	Refer to photo
M457	Metal	silvery	Refer to photo
M458	Plastic	red	Refer to photo
M459	Plastic	light blue	Refer to photo
M460	Plastic	black	Refer to photo
M461	Plastic	black	Refer to photo
M462	Plastic	white	Refer to photo
M463	Plastic	black	Refer to photo
M464	Paper	light brown	Refer to photo
M465	Metal	silvery	Refer to photo
M466	Plastic	black	Refer to photo
M467	Plastic	silvery	Refer to photo
M468	Plastic + printing	light grey/black	Refer to photo
M469	Metal	silvery	Refer to photo
M481	PCB board	green	Refer to photo
M482	Electronic components	black	Refer to photo
M484	Electronic components	black	Refer to photo
M485	Metal	silvery	Refer to photo
M486	Metal	copper/red	Refer to photo
M487	Plastic	black	Refer to photo
M089j	Plastic + printing + adhesive	Silvery/black	Refer to photo
M112c	Plastic	White	Refer to photo
M008-1	Metal	silvery	Refer to photo
M181c-1	Metal	silvery	Refer to photo

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Remark: The materials marked (*) need not be shown in this report according to client's requirement. However, the samples are composite sample containing the above marked materials, so they are still listed here.

1. **Screening of substances of very high concern (SVHC) subject to authorisation, according to (EU) No 143/2011, (EU) No 125/2012, (EU) No 348/2013, (EU) No 895/2014, (EU) No. 2017/999 and (EU) No. 2020/171 (Annex XIV of EC No 1907/2006) and candidate list by European Chemical Agency (ECHA), according to the EU Court of Justice rules on SVHCs in articles.**

Product Classification

With reference to Corrigendum to Regulation (EC) no.1907/2006 and ECHA, this product is classified as:

- Article
 Article with an integral substance/ mixture
 Combinations of an article (functioning as a container or a carrier material) and a substance/ mixture
 Substance/ mixture

Conclusion:

Conclusion			
Product Location	Acc. to authorisation list (EU) No 143/2011, (EU) No 125/2012, (EU) No 348/2013, (EU) No 895/2014, (EU) No. 2017/999 and (EU) No. 2020/171 (Annex XIV of EC No 1907/2006) and candidate list by ECHA, and the EU Court of Justice rules on SVHCs in articles, the detected SVHC concentration in components level is	Obligation of Importer (*) (For article)	Detected Substance (if any)
All tested articles	<0.1%	Not necessary	No SVHCs more than 0.1%

(For article)

(*) To communicate information down the supply chain according to article. 33 of REACH. **OR**

- Notification to ECHA, if the quantities of SVHC in the produced/imported articles are above 1 ton in total per year per company.
- Provide sufficient information to ensure safe use of the article and, as a minimum, include the name of the substance, to their customers and on request to consumers within 45 days of the receipt of this request.

Test Results

Screening of substances of very high concern (SVHC) subject to authorisation, according to (EU) No 143/2011, (EU) No 125/2012, (EU) No 348/2013, (EU) No 895/2014, (EU) No. 2017/999 and (EU) No. 2020/171 (Annex XIV of EC No 1907/2006) and candidate list by European Chemical Agency (ECHA), according to the EU Court of Justice rules on SVHCs in articles.

- Test Method: 1) SVOC: organic solvent extraction, determination by GC-MS/ECD
2) VOC: organic solvent extraction, determination by GC-MS
3) VVOC: headspace-GC/MS analysis
4) non-VOC: organic solvent extraction, determination by LC-MS/MS.
5) inorganics: acid digestion, determination by ICP-OES

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Test No.:	T001	T002	T003
Material No.:	M001a + M001k + M003 + M006 + M014a + M014b + M014c + M017d + M022 + M025	M001b + M001c + M001d + M001e + M001f + M001g + M001h + M001i + M001j + M002	M002c + M004 + M005 + M008(*) + M009 + M010 + M014d + M015 + M016 + M017c
Result (%)	< RL	<RL	Chromate element (please refer to follow separated result); others :< RL
Test No.:	T004	T005	T006
Material No.:	M011 + M099v + M099w + M189j + M357 + M426 + M428a	M017 + M087 + M099 + M112 + M118 + M191 + M192 + M193 + M194 + M195	M019 + M029 + M036b + M042b + M042d + M044 + M050d + M050e + M050h + M050i
Result (%)	< RL	< RL	< RL
Test No.:	T008	T010	T011
Material No.:	M024	M026 + M030 + M032 + M033 + M034 + M035 + M036a + M036c + M036d	M042c + M089m + M089s + M089x + M099t + M105c + M149k + M180c + M229 + M394
Result (%)	ADCD:0.02; others: <RL	< RL	<RL
Test No.:	T012	T013	T014
Material No.:	M047	M099f + M099s	M056 + M056c + M056d + M056e + M056f + M056g(*) + M056i + M058b(*) + M058c(*) + M058d
Result (%)	<RL	<RL	Lead element (please refer to follow separated result); others :< RL
Test No.:	T016	T017	T018
Material No.:	M059b + M059c + M059d + M060 + M063 + M064 + M065 + M066 + M067 + M068	M069 + M085b + M085c + M085f + M087c + M087f + M089c + M089f + M089g + M089h	M085d + M085e + M085g + M086 + M087a + M087b + M087d + M087e + M089a + M089b
Result (%)	< RL	< RL	<RL
Test No.:	T020	T021	T022
Material No.:	M089i + M089k + M089l + M089n + M089o + M089p + M089q + M089r + M089t + M089u	M089v + M089y + M096h + M099a + M099c + M099d(*) + M099e + M099g + M099h + M099j	M089w
Result (%)	< RL	Cadmium element (please refer to follow separated result); others :< RL	< RL
Test No.:	T023	T026	T028
Material No.:	M095b + M096a + M096b + M096c + M096d + M096e + M096f + M096g + M099b + M099i	M099k + M099l + M099m + M099n + M099q + M103 + M104a + M104c + M104d + M104f	M104i + M104l + M104n + M104q + M105b + M105d + M107a + M107b + M112d + M112f
Result (%)	< RL	< RL	< RL

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Test No.:	T030	T032	T033
Material No.:	M115 + M118d + M123 + M125a + M125d + M125e + M125f + M126aa + M126b + M126d	M126f + M126h + M126i + M126j + M126k + M126l + M126m + M133 + M138 + M139	M126x(*) + M126y + M126z + M127 + M128 + M129 + M132 + M147 + M148
Result (%)	< RL	< RL	D5,D6 (please refer to follow separated result); others :< RL
Test No.:	T035	T036	T038
Material No.:	M126u + M149b(*) + M156l + M181c(*) + M294 + M316 + M402(*)	M126v + M156k + M293 + M317 + M325	M149a(*) + M149d(*) + M149e + M149f + M149h(*) + M149i(*) + M149j + M153 + M156b + M156h
Result (%)	Lead element (please refer to follow separated result); others :< RL	< RL	DEHP,SCCP (please refer to follow separated result); others :< RL
Test No.:	T039	T040	T042
Material No.:	M156i + M156m + M156o + M157 + M158 + M164c + M164d + M165(*) + M166	M164b + M179 + M180b + M181b + M181e + M181f(*) + M181g + M189a + M189d + M189e	M184 + M184a + M186 + M189b + M189c + M189h(*) + M189i(*) + M190b + M190c(*) + M190d(*)
Result (%)	DEHP,SCCP,TCEP (please refer to follow separated result); others :< RL	Chromate element (please refer to follow separated result); others :< RL	SCCP,DEHP,DIBP,DBP (please refer to follow separated result); others :< RL
Test No.:	T043	T045	T046
Material No.:	M189f + M189g + M190a(*) + M190e(*) + M190f + M190g + M190h + M216 + M218 + M225	M196 + M197 + M201 + M202(*) + M226 + M227 + M327 + M328 + M329 + M330	M230 + M231 + M237 + M244 + M246 + M247 + M250 + M255 + M257 + M258
Result (%)	Lead element (please refer to follow separated result); others :< RL	DBP (please refer to follow separated result); others :< RL	< RL
Test No.:	T047	T048	T049
Material No.:	M235 + M240(*) + M253 + M262 + M281 + M282 + M305 + M314 + M315 + M318	M236 + M267 + M290	M239 + M241 + M242 + M243 + M245 + M248 + M249 + M251 + M252 + M254
Result (%)	Lead element (please refer to follow separated result); others :< RL	< RL	< RL
Test No.:	T050	T051	T052
Material No.:	M256 + M259 + M260 + M261 + M263 + M265 + M268 + M270 + M271 + M272	M264 + M266 + M269 + M273 + M274 + M284 + M285 + M286 + M287 + M288(*)	M275 + M276 + M277 + M278 + M279 + M280 + M283 + M292 + M301 + M302
Result (%)	< RL	Cadmium element (please refer to follow separated result); others :< RL	< RL

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Test No.:	T053	T054	T056
Material No.:	M289 + M291 + M300 + M304 + M322 + M356 + M367 + M368 + M369 + M370	M303 + M307 + M308 + M309 + M310 + M311 + M312 + M313 + M355(*) + M364	M331 + M332 + M333(*) + M334(*) + M335(*) + M336 + M337 + M338 + M339 + M340
Result (%)	< RL	TCEP (please refer to follow separated result); others :< RL	DEHP,Lead element (please refer to follow separated result); others :< RL
Test No.:	T057	T058	T060
Material No.:	M341 + M342 + M343 + M344 + M345 + M346 + M347 + M348 + M349 + M350	M351(*) + M352(*) + M353 + M354 + M358 + M359 + M360 + M361 + M362 + M363	M371(*) + M376 + M377 + M378 + M380 + M386 + M390 + M392 + M393 + M395
Result (%)	< RL	SCCP,DEHP (please refer to follow separated result); others :< RL	Lead element (please refer to follow separated result); others :< RL
Test No.:	T061	T063	T064
Material No.:	M381(*) + M382(*) + M383(*) + M384(*) + M391 + M396 + M397 + M427	M400 + M404 + M405(*) + M406 + M407(*) + M409 + M410 + M411 + M412 + M413	M414 + M415 + M416 + M417 + M418 + M419 + M421 + M423 + M424 + M425
Result (%)	DIBP,DBP,DEHP,SCCP,Lead element (please refer to follow separated result); others :< RL	Lead element (please refer to follow separated result); others :< RL	< RL
Test No.:	T065	T066	T070
Material No.:	M429 + M437 + M444 + M445 + M447 + M126w + M156j	M448	M149e
Result (%)	< RL	< RL	Separated result (DEHP,SCCP: < RL)
Test No.:	T071	T074	T075
Material No.:	M149f	M149j	M153
Result (%)	Separated result (DEHP,SCCP: < RL)	Separated result (DEHP,SCCP: < RL)	Separated result (DEHP,SCCP: < RL)
Test No.:	T076	T077	T078
Material No.:	M156b	M156h	M196
Result (%)	Separated result (DEHP,SCCP: < RL)	Separated result (DEHP,SCCP: < RL)	Separated result (DBP: < RL)
Test No.:	T079	T080	T082
Material No.:	M197	M201	M226
Result (%)	Separated result (DBP: < RL)	Separated result (DBP: < RL)	Separated result (DBP: < RL)
Test No.:	T083	T084	T085
Material No.:	M227	M327	M328
Result (%)	Separated result (DBP: < RL)	Separated result (DBP: < RL)	Separated result (DBP: < RL)
Test No.:	T086	T087	T088
Material No.:	M329	M330	M331
Result (%)	Separated result (DBP: < RL)	Separated result (DBP: < RL)	Separated result (DEHP: < RL)

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Test No.:	T089	T093	T094
Material No.:	M332	M336	M337
Result (%)	Separated result (DEHP: < RL)	Separated result (DEHP: < RL)	Separated result (DEHP: < RL)
Test No.:	T095	T096	T097
Material No.:	M338	M339	M340
Result (%)	Separated result (DEHP: < RL)	Separated result (DEHP: < RL)	Separated result (DEHP: < RL)
Test No.:	T100	T101	T102
Material No.:	M353	M354	M358
Result (%)	Separated result (DEHP,SCCP: < RL)	Separated result (DEHP,SCCP: < RL)	Separated result (DEHP,SCCP: < RL)
Test No.:	T103	T104	T105
Material No.:	M359	M360	M361
Result (%)	Separated result (DEHP,SCCP: < RL)	Separated result (DEHP,SCCP: < RL)	Separated result (DEHP,SCCP: < RL)
Test No.:	T106	T107	T112
Material No.:	M362	M363	M391
Result (%)	Separated result (DEHP,SCCP: < RL)	Separated result (DEHP,SCCP: < RL)	Separated result (DIBP,DBP,DEHP,SCCP: < RL)
Test No.:	T113	T114	T115
Material No.:	M396	M397	M427
Result (%)	Separated result (DIBP,DBP,DEHP,SCCP: < RL)	Separated result (DIBP,DBP,DEHP,SCCP: < RL)	Separated result (DIBP,DBP,DEHP,SCCP: < RL)
Test No.:	T116	T117	T118
Material No.:	M142 + M149g + M156a + M156c + M156d + M156e + M156g + M156n + M164a	M104m + M104o + M104p + M104r + M106	M167a + M167b + M176 + M180a + M180d + M181a + M181d + M181h + M182 + M113
Result (%)	< RL	< RL	< RL
Test No.:	T119	T120	T121
Material No.:	M118c + M122 + M124 + M125b + M125c + M126a + M126ac + M126ab + M126c + M085a	M050g + M054 + M055 + M059a + M089d + M089e + M091 + M092 + M093 + M095a	M036e + M036f + M037 + M038 + M039 + M040 + M042a + M046 + M049 + M050a
Result (%)	< RL	< RL	< RL
Test No.:	T122	T123	T124
Material No.:	M085z + M099o + M099r + M104b + M104e + M104g + M104h + M104j + M104k + M164e	M190i + M217 + M219 + M220 + M221 + M223 + M224 + M228 + M238	M366 + M372 + M385 + M398 + M403 + M408 + M430 + M434 + M442 + M443
Result (%)	< RL	< RL	< RL
Test No.:	T125	T126	T127
Material No.:	M232 + M233 + M234(*) + M319 + M320 + M323 + M324 + M326 + M482 + M484	M053 + M056h + M156f + M168 + M169 + M170 + M321 + M387 + M464	M452 + M453 + M454 + M455 + M456 + M457 + M465 + M469 + M485 + M486
Result (%)	Lead element (please refer to follow separated result); others :< RL	< RL	< RL

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Test No.:	T128	T129	T130
Material No.:	M458 + M459 + M460 + M461 + M462 + M463 + M466 + M467 + M468 + M487	M481	M431 + M432 + M435 + M436 + M438 + M439 + M440 + M441
Result (%)	< RL	< RL	< RL
Test No.:	T131	T133	T134
Material No.:	M126e + M222 + M420	M126y	M126z
Result (%)	< RL	Separated result (D5,D6: < RL)	Separated result (D5,D6: < RL)
Test No.:	T135	T136	T137
Material No.:	M127	M128	M129
Result (%)	Separated result (D5,D6: < RL)	Separated result (D5,D6: < RL)	Separated result (D5,D6: < RL)
Test No.:	T138	T139	T140
Material No.:	M132	M147	M148
Result (%)	Separated result (D5,D6: < RL)	Separated result (D5,D6: < RL)	Separated result (D5,D6: < RL)
Test No.:	T141	T142	T143
Material No.:	M156i	M156m	M156o
Result (%)	Separated result (DEHP,SCCP,TCEP: < RL)	Separated result (DEHP,SCCP,TCEP: < RL)	Separated result (DEHP,SCCP,TCEP: < RL)
Test No.:	T144	T145	T146
Material No.:	M157	M158	M164c
Result (%)	Separated result (DEHP,SCCP,TCEP: < RL)	Separated result (DEHP,SCCP,TCEP: < RL)	Separated result (DEHP,SCCP,TCEP: < RL)
Test No.:	T147	T149	T150
Material No.:	M164d	M166	M184
Result (%)	Separated result (DEHP,SCCP,TCEP: < RL)	Separated result (DEHP,SCCP,TCEP: < RL)	Separated result (SCCP,DEHP,DIBP,DBP: < RL)
Test No.:	T151	T152	T153
Material No.:	M184a	M186	M189b
Result (%)	Separated result (SCCP,DEHP,DIBP,DBP: < RL)	Separated result (SCCP,DEHP,DIBP,DBP: < RL)	Separated result (SCCP,DEHP,DIBP,DBP: < RL)
Test No.:	T154	T157	T160
Material No.:	M189c	M190b	M303
Result (%)	Separated result (SCCP,DEHP,DIBP,DBP: < RL)	Separated result (SCCP,DEHP,DIBP,DBP: < RL)	Separated result (TCEP: < RL)
Test No.:	T161	T162	T163
Material No.:	M307	M308	M309
Result (%)	Separated result (TCEP: < RL)	Separated result (TCEP: < RL)	Separated result (TCEP: < RL)
Test No.:	T164	T165	T166
Material No.:	M310	M311	M312
Result (%)	Separated result (TCEP: < RL)	Separated result (TCEP: < RL)	Separated result (TCEP: < RL)
Test No.:	T167	T169	T019
Material No.:	M313	M364	M008-1 + M181c-1
Result (%)	Separated result (TCEP: < RL)	Separated result (TCEP: < RL)	< RL

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Test No.:	T025	T027	T029
Material No.:	M089j + M112c	M002c + M004 + M005 + M009 + M010 + M014d + M015 + M016 + M017c	M056 + M056c + M056d + M056e + M056f + M056i + M058d
Result (%)	< RL	Separated result (Chromate element: < RL)	Separated result (Lead element: < RL)
Test No.:	T031	T172	T173
Material No.:	M089v + M089y + M096h + M099a + M099c + M099e + M099h + M099j + M099g	M126u + M156l + M294 + M316 + M402(*)	M164b + M179 + M180b + M181b + M181e + M181g + M189a + M189d + M189e
Result (%)	Separated result (Cadmium element: < RL)	Separated result (Lead element: < RL)	Separated result (Chromate element: < RL)
Test No.:	T174	T044	T055
Material No.:	M189f + M189g + M190f + M190g + M190h + M216 + M218 + M225	M235 + M253 + M262 + M281 + M282 + M305 + M314 + M315 + M318	M264 + M266 + M269 + M273 + M274 + M284 + M285 + M286 + M287
Result (%)	Separated result (Lead element: < RL)	Separated result (Lead element: < RL)	Separated result (Lead element: < RL)
Test No.:	T059	T062	T067
Material No.:	M331 + M332 + M336 + M337 + M338 + M339 + M340	M376 + M377 + M378 + M380 + M386 + M390 + M392 + M393 + M395	M391 + M396 + M397 + M427
Result (%)	Separated result (Lead element: < RL)	Separated result (Lead element: < RL)	Separated result (Lead element: < RL)
Test No.:	T170	T171	
Material No.:	M400 + M404 + M406 + M409 + M410 + M411 + M412 + M413	M232 + M233 + M319 + M320 + M323 + M324 + M326 + M482 + M484	
Result (%)	Separated result (Lead element: < RL)	Separated result (Lead element: < RL)	

Abbreviation: < = Less than
 RL =Reporting Limit
 % =Percentage

Remark:

The tested material(s) was screened only for selected SVHCs. Selection of tests refers to the material type and application and the possibility of contamination during production & material specific contamination of the product.

SVHC which are not mentioned in test result were either not subject to testing or not detected.

(*1) The reporting limit for each individual SVHC subject to authorisation according to (EU) No 143/2011, (EU) No 125/2012, (EU) No 348/2013, (EU) No 895/2014, (EU) No. 2017/999 and (EU) No. 2020/171 (Annex XIV of EC No 1907/2006):

	Substance	CAS No.	Reporting Limit
1	4,4'- Diaminodiphenylmethane (MDA)	101-77-9	0.01%
2	Benzyl butyl phthalate (BBP)	85-68-7	0.01%
3	Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7	0.01%
4	Dibutyl phthalate (DBP)	84-74-2	0.01%

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5	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified: Alpha-hexabromocyclododecane Beta-hexabromocyclododecane Gamma-hexabromocyclododecane	25637-99-4 / 3194-55-6 / 134237-50-6 / 134237-51-7 / 134237-52-8	0.01%
6	5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene)	81-15-2	0.01%
7	2,4-Dinitrotoluene (2,4-DNT)	121-14-2	0.01%
8	Diisobutyl phthalate (DIBP)	84-69-5	0.01%
9	Tris(2-chloroethyl)phosphate	115-96-8	0.01%
10	Diarsenic pentaoxide (*3)	1303-28-2	0.01%
11	Diarsenic trioxide (*3)	1327-53-3	0.01%
12	Lead chromate (*3)(*4)	7758-97-6	0.01%
13	Lead chromate molybdate sulphate red (C.I. Pigment Red 104) (*3)(*4)	12656-85-8	0.01%
14	Lead sulfochromate yellow (C.I. Pigment Yellow 34) (*3)	1344-37-2	0.01%
15	Trichloroethylene	79-01-6	0.01%
16	Chromium trioxide (*4)	1333-82-0	0.01%
17	Acids generated from chromium trioxide and their oligomers: Names of the acids and their oligomers: Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid. (*4)	7738-94-5 / 13530-68-2	0.01%
18	Sodium dichromate (*3)	7789-12-0 / 10588-01-9	0.01%
19	Potassium dichromate (*4)	7778-50-9	0.01%
20	Ammonium dichromate (*4)	7789-09-5	0.01%
21	Potassium chromate (*4)	7789-00-6	0.01%
22	Sodium chromate (*4)	7775-11-3	0.01%
23	Formaldehyde, oligomeric reaction products with aniline (technical MDA) (*11)	25214-70-4	0.01%
24	1,2-Dichloroethane	107-06-2	0.01%
25	Bis(2-methoxyethyl) ether	111-96-6	0.01%
26	Arsenic acid (*3)	7778-39-4	0.01%
27	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	0.01%
28	Dichromium tris(chromate) (*4)	24613-89-6	0.01%
29	Strontium chromate (*4)	7789-06-2	0.01%
30	Potassium hydroxyoctaoxodizincatedichromate (*4)	11103-86-9	0.01%
31	Pentazinc chromate octahydroxide (*4)	49663-84-5	0.01%
32	1-bromopropane (n-propyl bromide)	106-94-5	0.01%
33	Diisopentylphthalate	605-50-5	0.01%
34	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	0.01%
35	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUF)	68515-42-4	0.01%
36	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	0.01%
37	Bis(2-methoxyethyl) phthalate	117-82-8	0.01%
38	Dipentyl phthalate (DPP)	131-18-0	0.01%
39	N-pentyl-isopentylphthalate	776297-69-9	0.01%
40	Anthracene oil (*7)	90640-80-5	0.01%
41	Pitch, coal tar, high temperature (*7)	65996-93-2	0.01%
42	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated (OPEO) [covering well-defined substances and UVCB substances, polymers and homologues]	-	0.01%

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43	4-Nonylphenol, branched and linear <i>[substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]</i>	-	0.01%
44	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	0.01%
45	Dihexyl phthalate	84-75-3	0.01%
46	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate (EC No. 201-559-5)	68515-51-5 / 68648-93-1	0.01%
47	Trixylyl phosphate	25155-23-1	0.01%
48	Sodium perborate, perboric acid, sodium salt (*3) (*6)	-	0.01%
49	Sodium peroxometaborate (*3) (*6)	7632-04-4	0.01%
50	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	-	0.01%
51	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	0.01%
52	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	0.01%
53	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	0.01%
54	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	0.01%

(*2) The reporting limit for each individual SVHC in Candidate List by ECHA:

	Substance	CAS No.	Reporting Limit
55	Anthracene	120-12-7	0.01%
56	Bis(tributyltin) oxide (TBTO) (*3) (*5)	56-35-9	0.01%
57	Triethyl arsenate (*3)	15606-95-8	0.01%
58	Lead hydrogen arsenate (*3)	7784-40-9	0.01%
59	Cobalt dichloride (*3)	7646-79-9	0.01%
60	Acrylamide	79-06-1	0.01%
61	Anthracene oil, anthracene paste, distr. lights (*7)	91995-17-4	0.01%(*8)
62	Anthracene oil, anthracene paste, anthracene fraction (*7)	91995-15-2	
63	Anthracene oil, anthracene-low (*7)	90640-82-7	
64	Anthracene oil, anthracene paste (*7)	90640-81-6	
65	Boric acid (*3) (*6)	10043-35-3 / 11113-50-1	0.01%
66	Disodium tetraborate, anhydrous (*3) (*6)	1303-96-4 / 1330-43-4 / 12179-04-3	0.01%
67	Tetraboron disodium heptaoxide, hydrate (*3) (*6)	12267-73-1	0.01%
68	2-Methoxyethanol	109-86-4	0.01%
69	2-Ethoxyethanol	110-80-5	0.01%
70	Cobalt(II) sulphate (*3)	10124-43-3	0.01%
71	Cobalt(II) dinitrate (*3)	10141-05-6	0.01%
72	Cobalt(II) carbonate (*3)	513-79-1	0.01%
73	Cobalt(II) diacetate (*3)	71-48-7	0.01%
74	Alkanes C10-C13, chloro (Short Chain Chlorinated Paraffins) (SCCP)	85535-84-8	0.01%

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75	2-Ethoxyethyl acetate	111-15-9	0.01%
76	Hydrazine	302-01-2 / 7803-57-8	0.01%
77	1-Methyl-2-pyrrolidone (NMP)	872-50-4	0.01%
78	1,2,3-Trichloropropane	96-18-4	0.01%
79	Aluminosilicate Refractory Ceramic Fibres (RCF) (*9)	-	0.01%
80	Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF) (*9)	-	0.01%
81	2-Methoxyaniline,o-Anisidine	90-04-0	0.01%
82	4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9	0.01%
83	Calcium arsenate (*3)	7778-44-1	0.01%
84	Trilead diarsenate (*3)	3687-31-8	0.01%
85	N,N-dimethylacetamide (DMAC)	127-19-5	
86	Phenolphthalein	77-09-8	0.01%
87	Lead dipicrate (*3)	6477-64-1	0.01%
88	Lead diazide, Lead azide (*3)	13424-46-9	0.01%
89	Lead styphnate (*3)	15245-44-0	0.01%
90	1,2-bis(2-methoxyethoxy)ethane (TEGDME,triglyme)	112-49-2	0.01%
91	1,2-dimethoxyethane,ethylene glycol dimethyl ether (EGDME)	110-71-4	0.01%
92	Diboron trioxide (*3) (*6)	1303-86-2	0.01%
93	Formamide	75-12-7	0.01%
94	Lead(II) bis(methanesulfonate) (*3)	17570-76-2	0.01%
95	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	2451-62-9	0.01%
96	1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β-TGIC)	59653-74-6	0.01%
97	4,4'-bis(dimethylamino)benzophenone (Michler's ketone), MK	90-94-8	0.05%
98	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base), RMK	101-61-1	0.01%
99	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene] cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] (*10)	2580-56-5	0.01%
100	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Violet 3) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] (*10)	548-62-9	
101	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] (*10)	561-41-1	

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102	α,α -Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] (*10)	6786-83-0	
103	Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)	1163-19-5	0.01%
104	Pentacosafuorotridecanoic acid	72629-94-8	0.01%
105	Tricosafuorododecanoic acid	307-55-1	0.01%
106	Henicosafuoroundecanoic acid	2058-94-8	0.01%
107	Heptacosafuorotetradecanoic acid	376-06-7	0.01%
108	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA) (*12)	123-77-3	0.05%
109	Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	85-42-7 / 13149-00-3 / 14166-21-3	0.01%
110	Hexahydromethylphthalic anhydride (MHHPA) [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	25550-51-0 / 19438-60-9 / 48122-14-1 / 57110-29-9	0.01%
111	N,N-dimethylformamide	68-12-2	0.01%
112	1,2-Diethoxyethane	629-14-1	0.01%
113	Diethyl sulphate	64-67-5	0.01%
114	Methoxyacetic acid (MAA)	625-45-6	0.01%
115	Dimethyl sulphate	77-78-1	0.01%
116	N-methylacetamide	79-16-3	0.01%
117	Furan	110-00-9	0.01%
118	Methyloxirane (Propylene oxide)	75-56-9	0.01%
119	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	0.01%
120	Dibutyltin dichloride (DBTC) (*3)	683-18-1	0.01%
121	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	0.01%
122	4,4'-methylenedi-o-toluidine	838-88-0	0.01%
123	4,4'-oxydianiline and its salts	101-80-4	0.01%
124	4-Aminoazobenzene	60-09-3	0.01%
125	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	0.01%
126	6-methoxy-m-toluidine (p-cresidine)	120-71-8	0.01%
127	Biphenyl-4-ylamine	92-67-1	0.01%
128	o-aminoazotoluene	97-56-3	0.01%
129	o-Toluidine	95-53-4	0.01%
130	Acetic acid, lead salt, basic (*3)	51404-69-4	0.01%
131	Trilead bis(carbonate) dihydroxide (*3)	1319-46-6	0.01%
132	Lead oxide sulfate (*3)	12036-76-9	0.01%
133	[Phthalato(2-)]dioxotrilead (*3)	69011-06-9	0.01%
134	Dioxobis(stearato)trilead (*3)	12578-12-0	0.01%
135	Fatty acids, C16-18, lead salts (*3)	91031-62-8	0.01%
136	Lead bis(tetrafluoroborate) (*3)	13814-96-5	0.01%
137	Lead cyanamidate (*3)	20837-86-9	0.01%
138	Lead dinitrate (*3)	10099-74-8	0.01%
139	Lead monoxide (lead oxide) (*3)	1317-36-8	0.01%
140	Orange lead (lead tetroxide) (*3)	1314-41-6	0.01%
141	Lead titanium trioxide (*3)	12060-00-3	0.01%
142	Lead titanium zirconium oxide (*3)	12626-81-2	0.01%
143	Pyrochlore, antimony lead yellow (*3)	8012-00-8	0.01%
144	Pentalead tetraoxide sulphate (*3)	12065-90-6	0.01%

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145	Silicic acid (H ₂ Si ₂ O ₅), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD), the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008] (*3)	68784-75-8	0.01%
146	Silicic acid, lead salt (*3)	11120-22-2	0.01%
147	Sulfurous acid, lead salt, dibasic (*3)	62229-08-7	0.01%
148	Tetraethyllead (*3)	78-00-2	0.01%
149	Tetralead trioxide sulphate (*3)	12202-17-4	0.01%
150	Trilead dioxide phosphonate (*3)	12141-20-7	0.01%
151	Ammonium pentadecafluorooctanoate (APFO) (*13)	3825-26-1	0.01%
152	Pentadecafluorooctanoic acid (PFOA)	335-67-1	0.01%
153	Cadmium (*3)	7440-43-9	0.01%
154	Cadmium oxide (*3)	1306-19-0	0.01%
155	4-Nonylphenol, branched and linear, ethoxylated (NPEO) [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	-	0.01%
156	Imidazolidine-2-thione; (2-imidazoline-2-thiol)	96-45-7	0.01%
157	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	0.01%
158	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	1937-37-7	0.01%
159	Lead di(acetate) (*3)	301-04-2	0.01%
160	Cadmium sulphide (*3)	1306-23-6	0.01%
161	Cadmium chloride (*3)	10108-64-2	0.01%
162	Cadmium fluoride (*3)	7790-79-6	0.01%
163	Cadmium sulphate (*3)	10124-36-4 / 31119-53-6	0.01%
164	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE) (*14)	15571-58-1	0.01%
165	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE) (*15)	-	0.01%
166	1,3-propanesultone	1120-71-4	0.01%
167	Nitrobenzene	98-95-3	0.01%
168	Perfluorononan-1-oiic-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	0.01%
169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	0.01%
170	4,4'-isopropylidenediphenol (bisphenol A)	80-05-7	0.01%
171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	335-76-2 3830-45-3 3108-42-7	0.01%
172	4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	-	0.01%
173	p-(1,1-dimethylpropyl)phenol	80-46-6	0.01%

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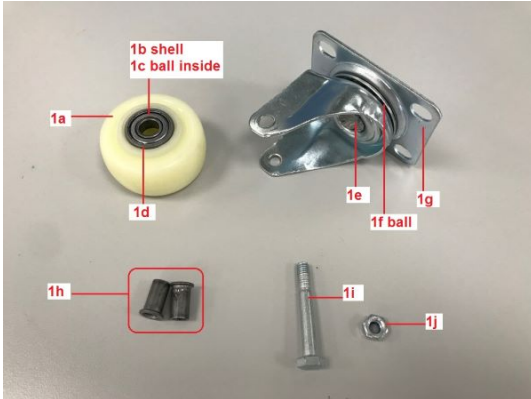
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174	Perfluorohexane-1-sulfonic acid and its salts (PFHxS)	-	0.01%
175	Chrysene	218-01-9	0.01%
176	Benzo[a]anthracene	56-55-3	0.01%
177	Cadmium nitrate(*3)	10325-94-7	0.01%
178	Cadmium hydroxide(*3)	21041-95-2	0.01%
179	Cadmium carbonate(*3)	513-78-0	0.01%
180	1,6,7,8,9,14,15,16,17,17,18,18- Dodecachloropentacyclo [12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	-	0.01%
181	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with ≥0.1% w/w 4-heptylphenol, branched and linear]	-	0.01%
182	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride, TMA)	552-30-7	0.01%
183	Dicyclohexyl phthalate (DCHP)	84-61-7	0.01%
184	Terphenyl, hydrogenated	61788-32-7	0.01%
185	Octamethylcyclotetrasiloxane (D4)	556-67-2	0.01%
186	Decamethylcyclopentasiloxane (D5)	541-02-6	0.01%
187	Dodecamethylcyclohexasiloxane (D6)	540-97-6	0.01%
188	Ethylenediamine (EDA)	107-15-3	0.01%
189	Lead	7439-92-1	0.01%
190	Disodium octaborate (*3)	12008-41-2	0.01%
191	Benzo[ghi]perylene	191-24-2	0.01%
192	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	0.01%
193	Benzo[k]fluoranthene	207-08-9	0.01%
194	Fluoranthene	206-44-0	0.01%
195	Phenanthrene	85-01-8	0.01%
196	Pyrene	129-00-0	0.01%
197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan- 2-one	15087-24-8	0.01%
198	2-methoxyethyl acetate	110-49-6	0.01%
199	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-	0.01%
200	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)	-	0.01%
201	4-tert-butylphenol	98-54-4	0.01%
202	Diisohexyl phthalate (DiHexP)	71850-09-4	0.01%
203	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	0.01%
204	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	0.01%
205	Perfluorobutane sulfonic acid (PFBS) and its salts	-	0.01%
206	1-vinylimidazole	1072-63-5	0.01%
207	2-methylimidazole	693-98-1	0.01%
208	Butyl 4-hydroxybenzoate	94-26-8	0.01%
209	Dibutylbis(pentane-2,4-dionato-O,O')tin(*16)	22673-19-4	0.01%

Remark:

- (*3) The substances are tested and calculated in terms of its respective elements and to the worst-case scenario. And the elements may come from the compounds other than SVHCs.
- (*4) The substances are tested and calculated in terms of Cr (VI).
- (*5) The substance is tested and calculated in terms of Tributyl tin.
- (*6) The substances are confirmed and tested in terms of borate. Boric acid, Disodium tetraborate, anhydrous, Tetraboron disodium heptaoxide, hydrate and Diboron trioxide, Sodium perborate, perboric acid, sodium salt, Sodium peroxometaborate are detected as sum of boric acid. And the borate may come from the compounds other than SVHCs.
- (*7) The substances are UVCB (substance of unknown or variable composition, complex reaction products or biological materials), which are identified by its main constituents.
- (*8) Individual concentrations to the constituent of UVCB with an amount of < 0.01% were not considered by the calculation of the sum.
- (*9) The test results are based on microscopic and chemical evaluation.
- (*10) The substances are quantified in terms of Michler's ketone and Michler's base by LC-MS, as Michler's ketone or Michler's base was found exceeds 0.01%.
- (*11) The content oligomer is determined by Py-GC/MS.
- (*12) The content of diazene-1,2-dicarboxamide is analyzed in terms of its breakdown product.
- (*13) The substance is tested in terms of pentadecafluorooctanoate.
- (*14) The substance is tested and calculated in terms of Dioctyl tin.
- (*15) The substance is tested and calculated in terms of mono-octyl tin and dioctyl tin.
- (*16) The substance is tested and calculated in terms of Dibutyl tin
- (*17) The tested material(s) was screened only for selected SVHCs. Selection of tests refers to the material type and application and the possibility of contamination during production & material specific contamination of the product.
- (*17) The substance is tested in terms of its element X and based on the information provided by the customer, the element X may come from the compounds other than SVHCs.
- (*18) The other SVHCs which are not mentioned in test result were either not subject to testing according to remark *17 or not detected.

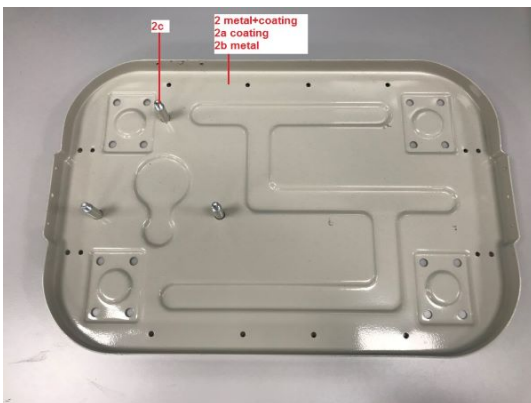
Sample Photos



Material No.1a-j



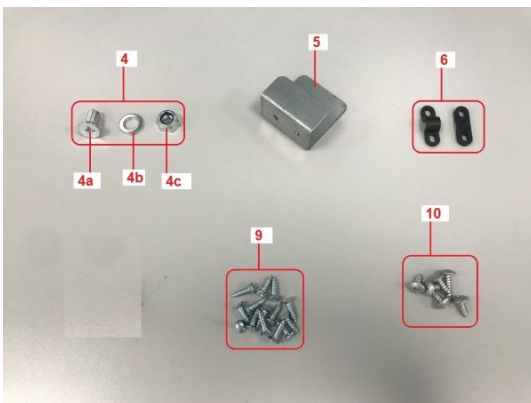
Material No.1k,36d-



Material No.2,2a-c



Material No.3



Material No.4,4a-c,5-7,9-10



Material No.8-1

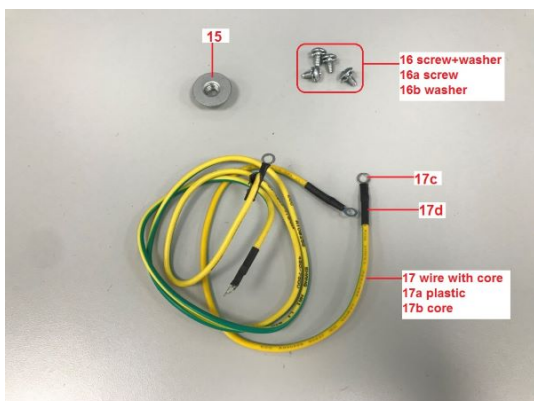
Sample Photos



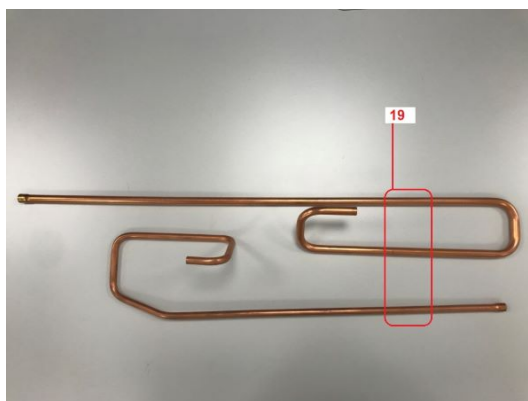
Material No.11



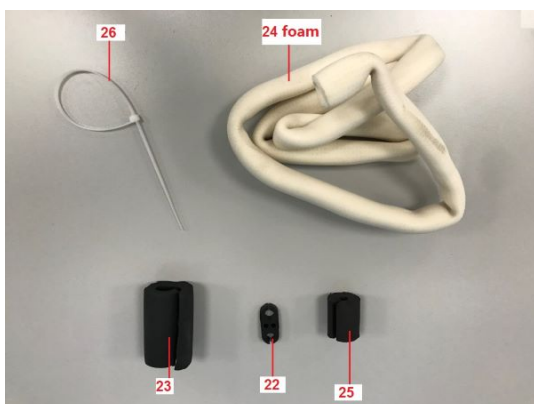
Material No.14a-d



Material No.15-17,16a-b,17a-d



Material No.19

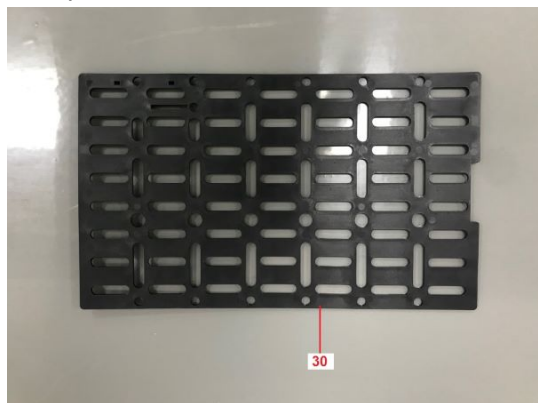


Material No.21-24 , 26



Material No.29

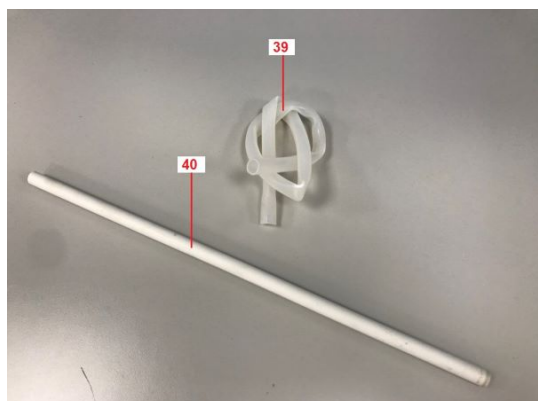
Sample Photos



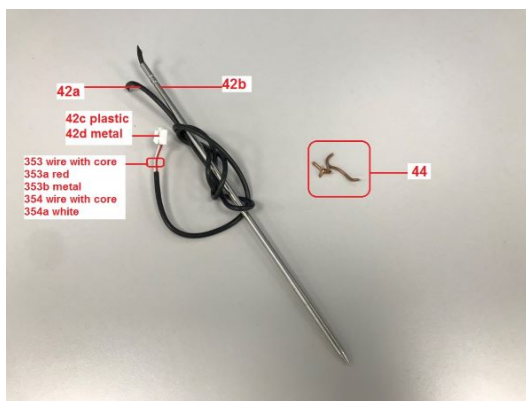
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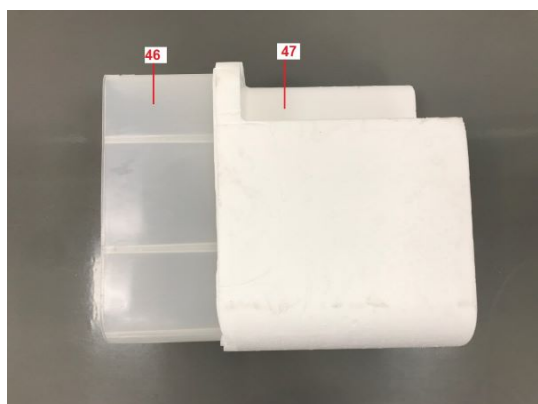
Material No.32-35,37-38,36a-c



Material No.39-40



Material No.42a-d,44 ,353-354,353a-b,354a

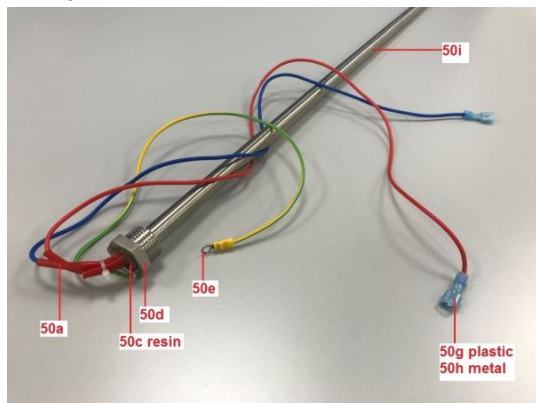


Material No.46-47

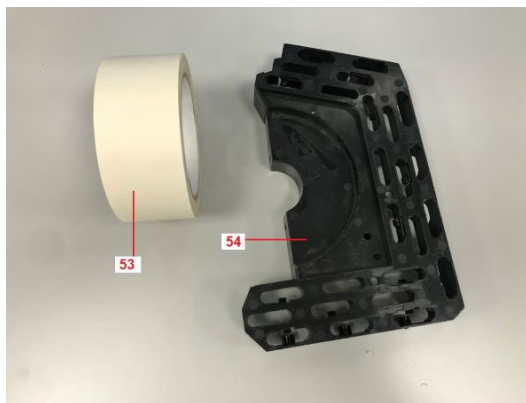


Material No.49

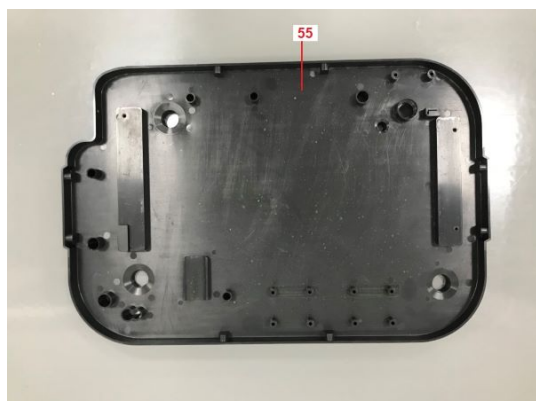
Sample Photos



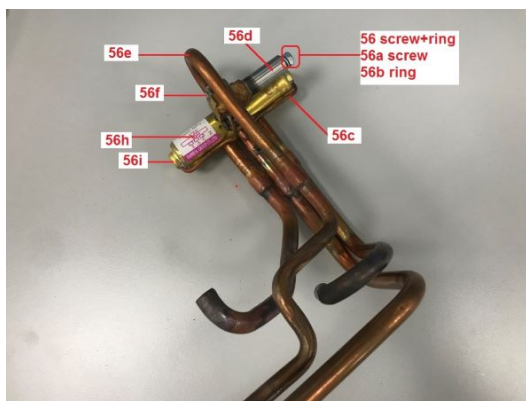
Material No.50a,c-i



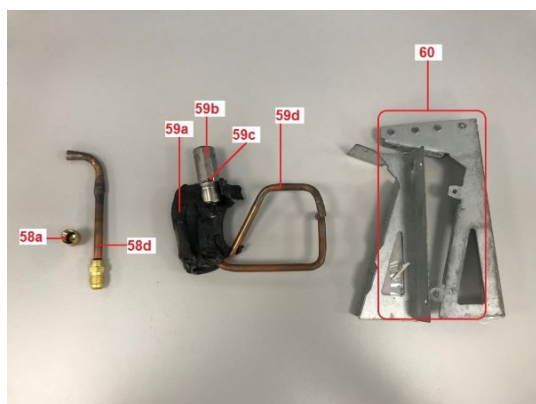
Material No.53-54



Material No.55



Material No.56,56c-f,h-i

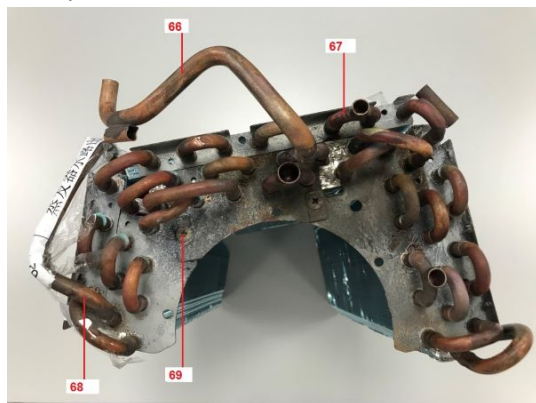


Material No.58a,d,59a-d,60



Material No.63-65

Sample Photos



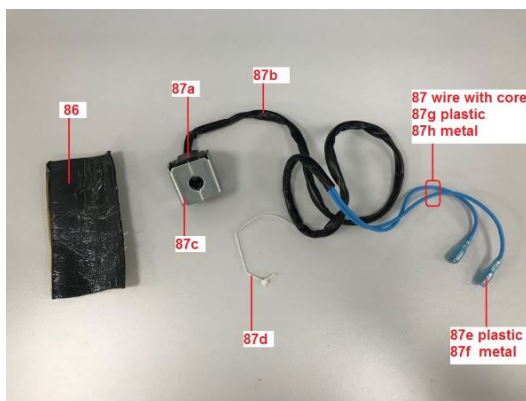
Material No.66-69



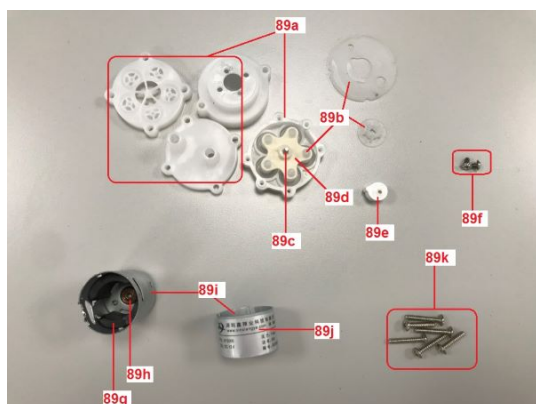
Material No.85a-g,336-340



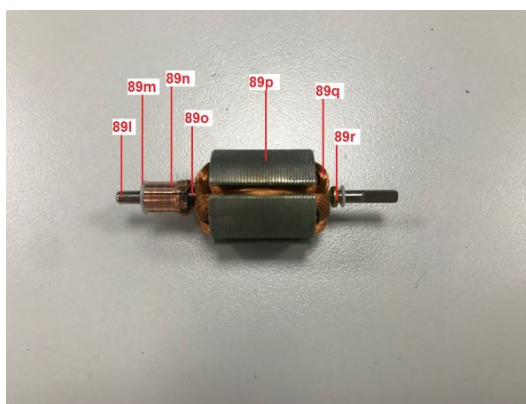
Material No.85z



Material No.86-87,87a-h



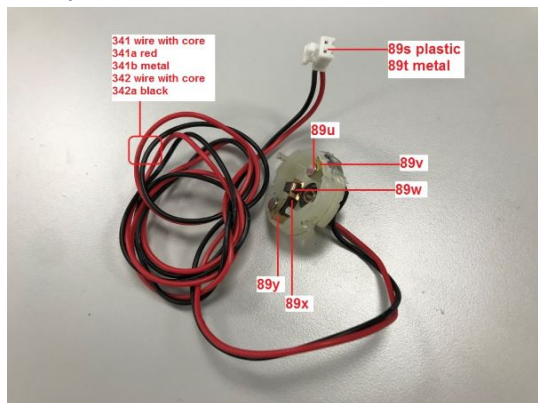
Material No.89a-k



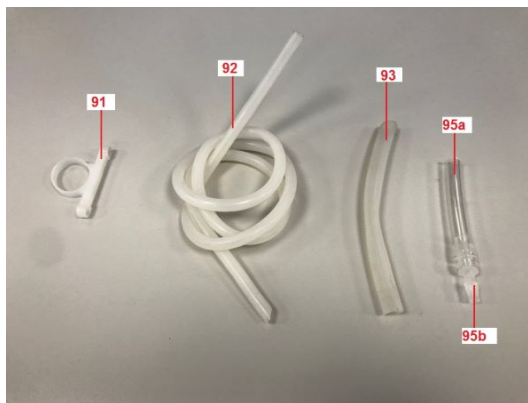
Material No.89l-r

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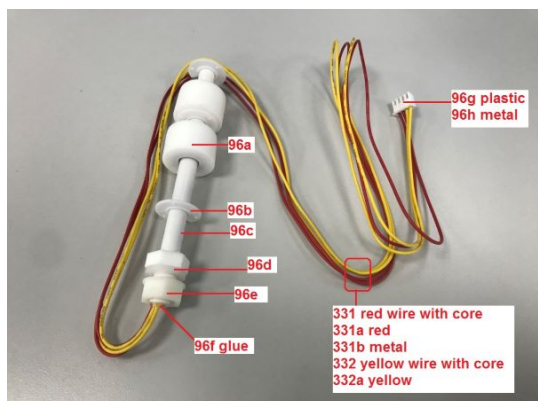
Sample Photos



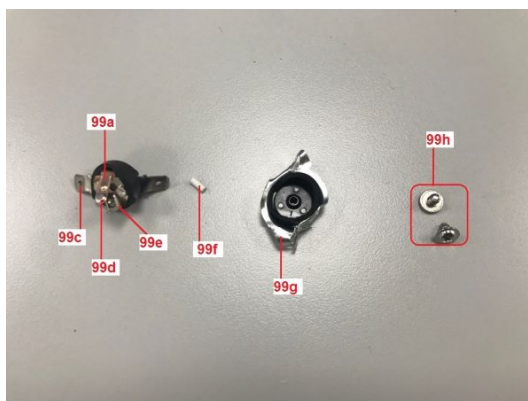
Material No.89s-y,341-342



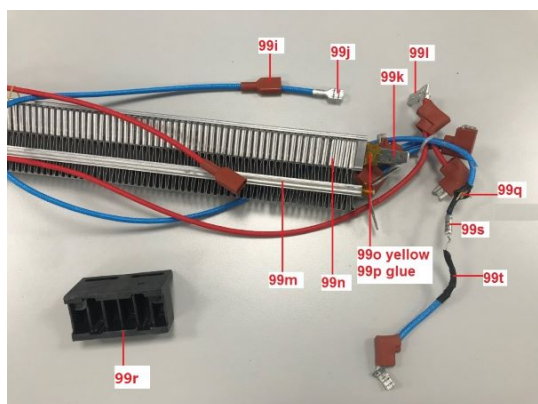
Material No.91-95



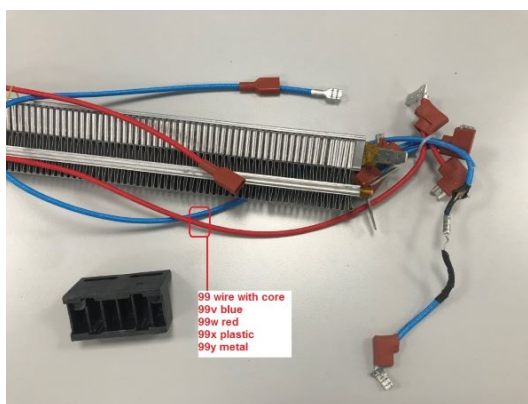
Material No.96a-h,331-332



Material No.99a-c,e-h



Material No.99i-t

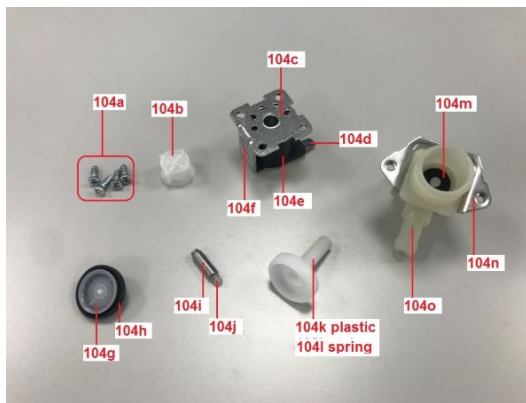


Material No.99v-y,99

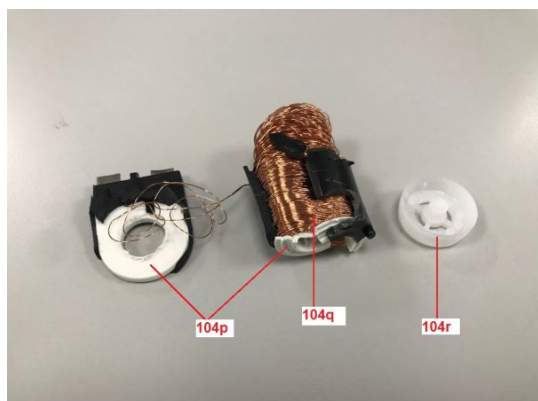
Sample Photos



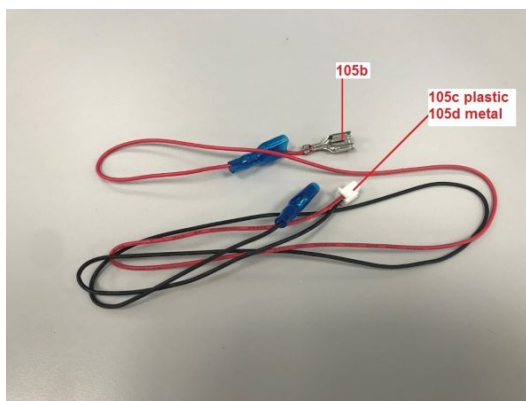
Material No.103



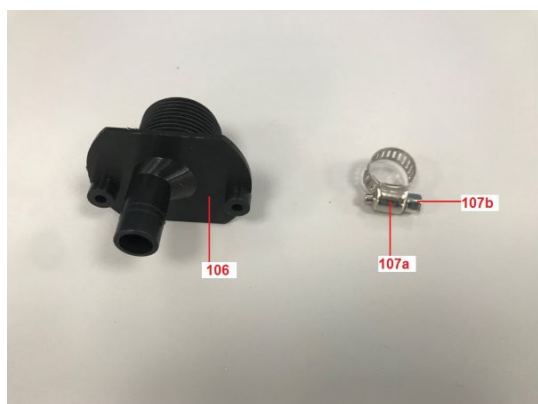
Material No.104a-o



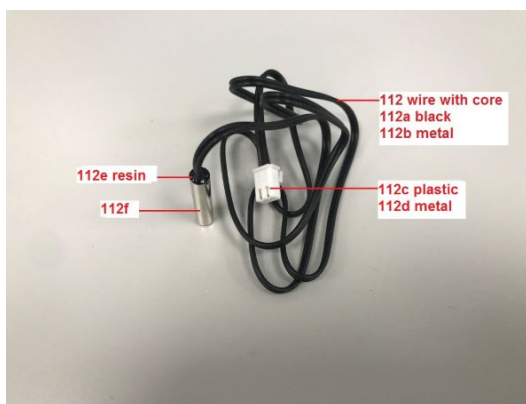
Material No.104



Material No.105b-d

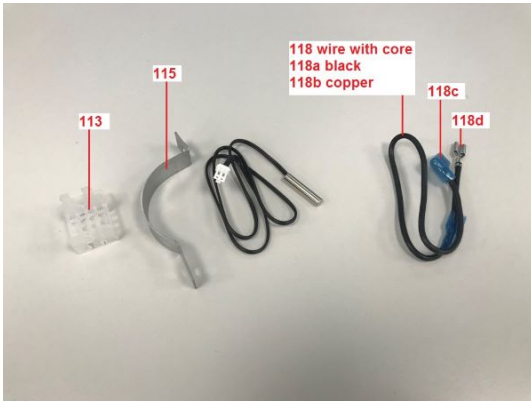


Material No.106-107



Material No.112 ,112a-f

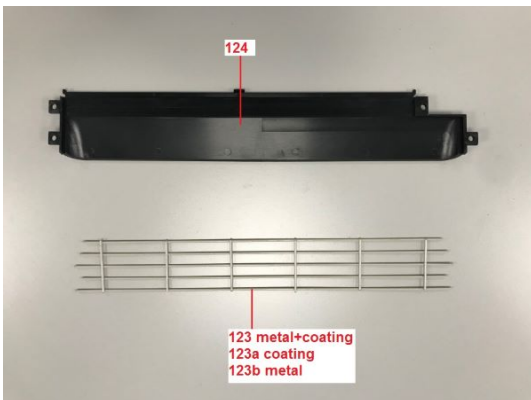
Sample Photos



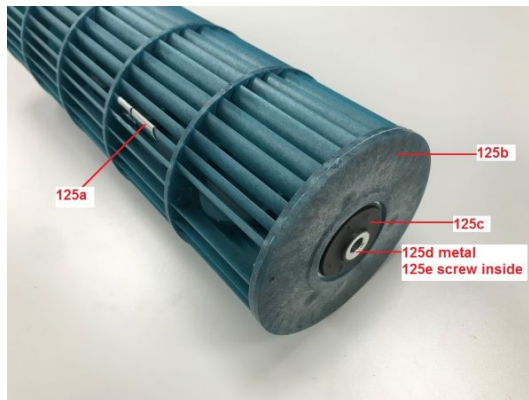
Material No.113,115,118,118a-



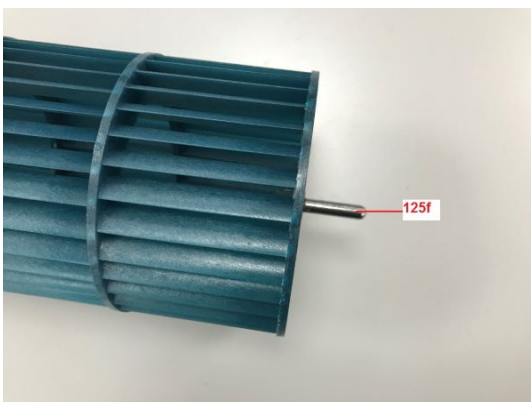
Material No.122



Material No.123-124,123a-b



Material No.125a-e

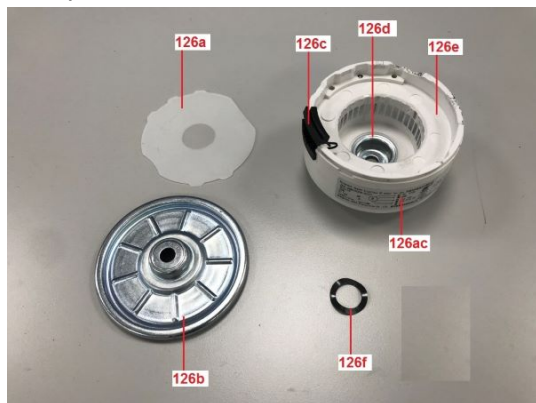


Material No.125f

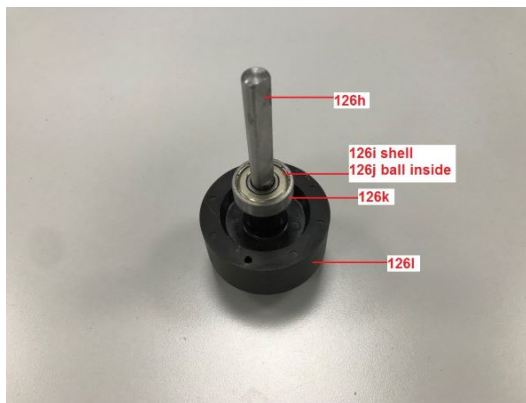


Material No.126ab

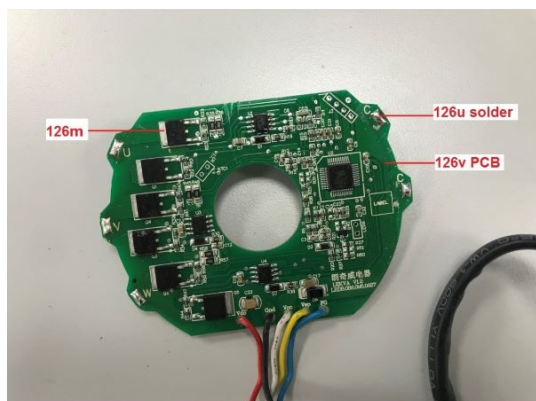
Sample Photos



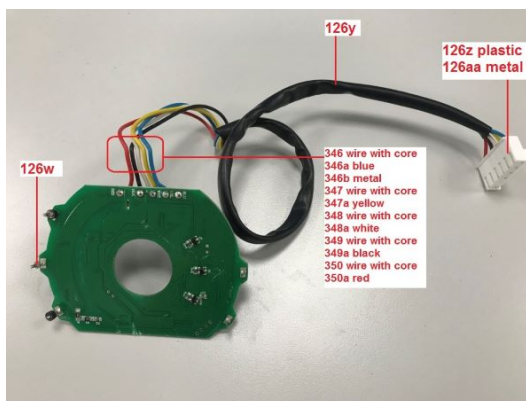
Material No.126a-f



Material No.126h-l



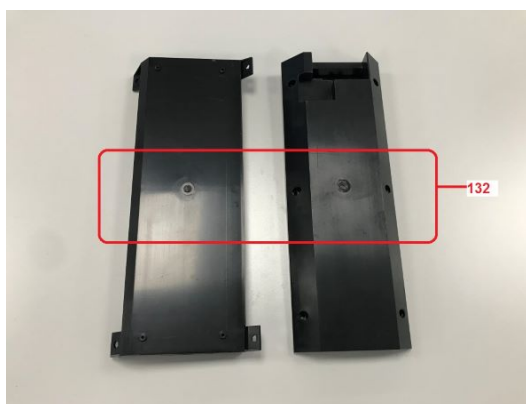
Material No.126m,u,v



Material No.126w,y-aa,346-350

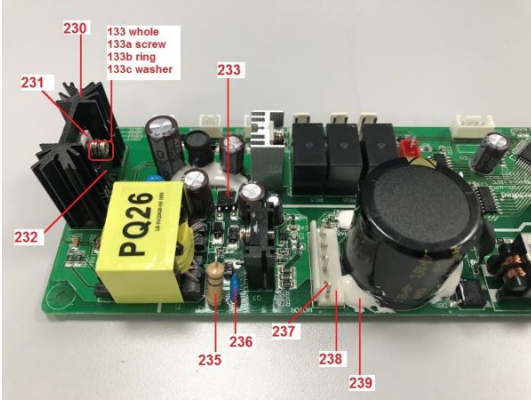


Material No.127-129

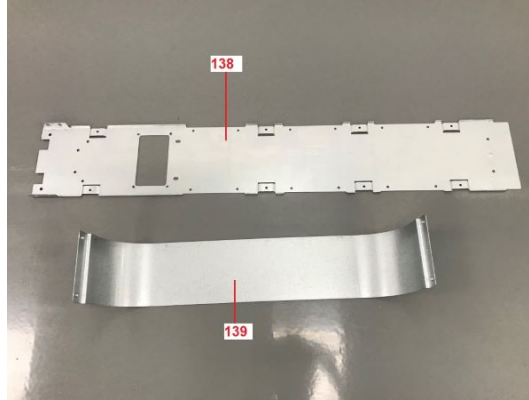


Material No.132

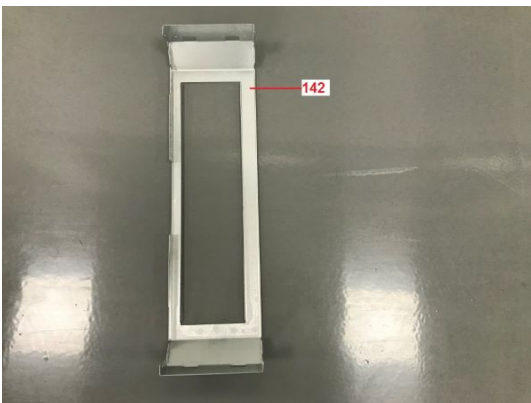
Sample Photos



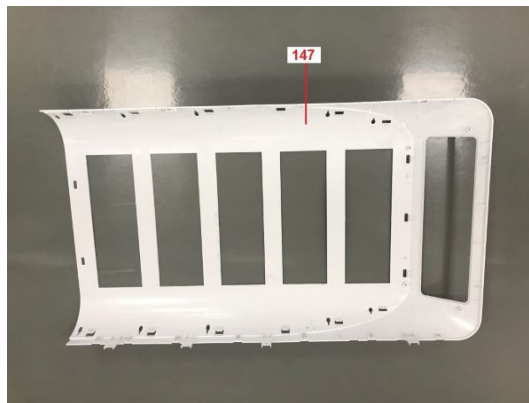
Material No.133,230-233,235-239



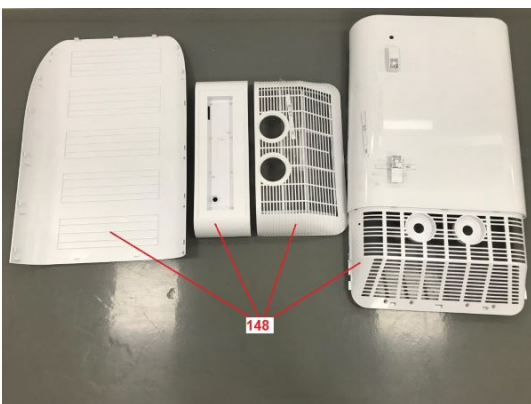
Material No.138-139



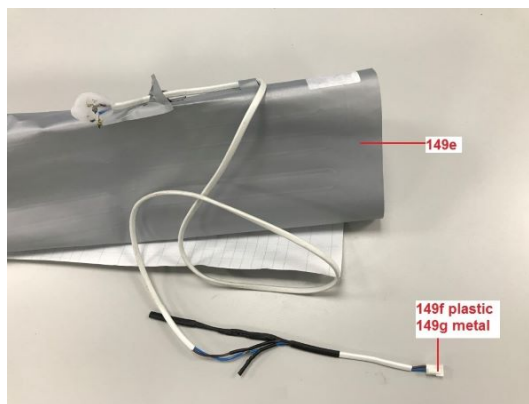
Material No.142



Material No.147

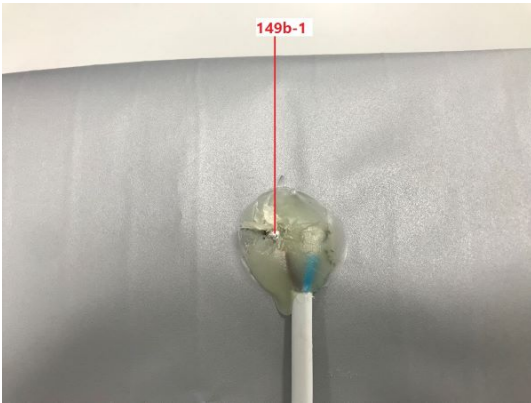


Material No.148

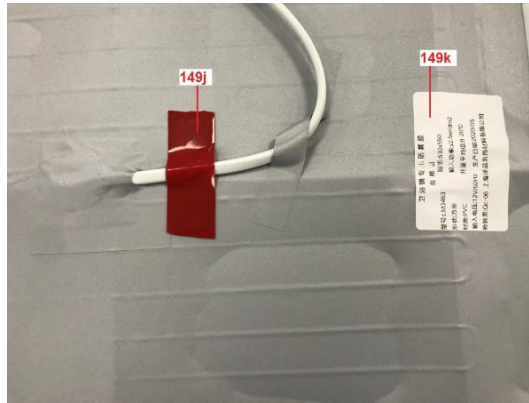


Material No.149e-g

Sample Photos



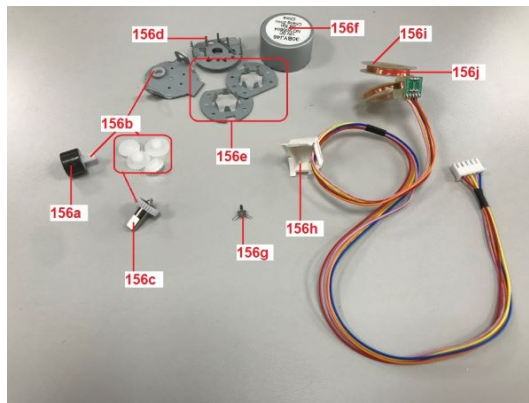
Material No.149b-1



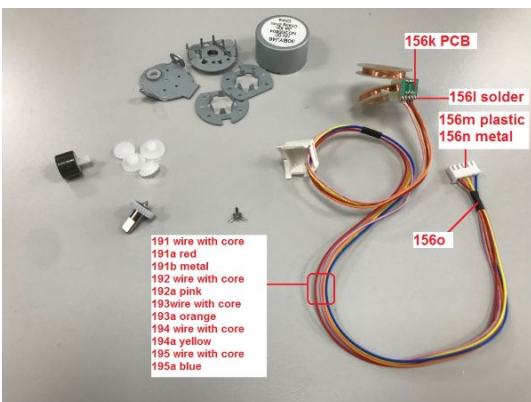
Material No.149j-k



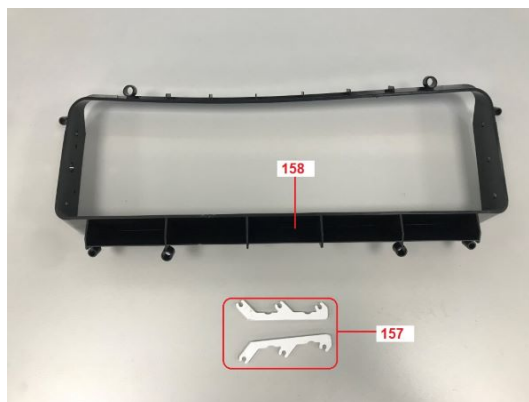
Material No.153



Material No.156 a-j

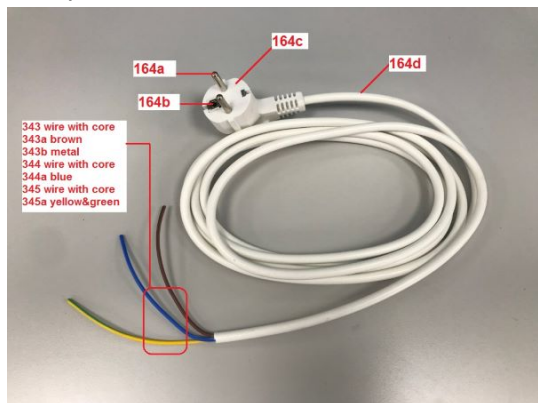


Material No.156 k-o,191-195,191a-b,192a,193a,194a,195a



Material No.157-158

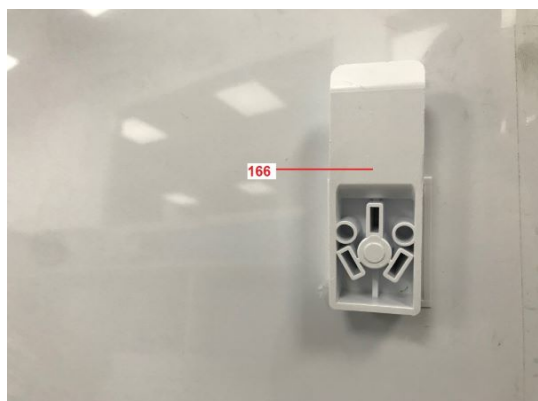
Sample Photos



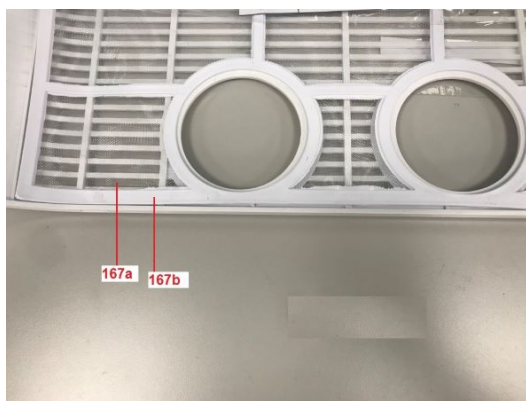
Material No. 164a-d, 343-345, 343a-b, 344a, 345a



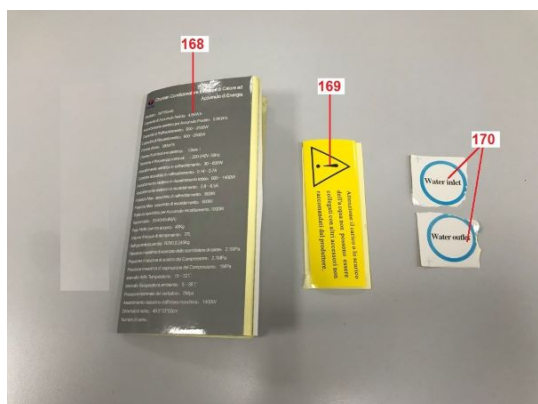
Material No. 164e



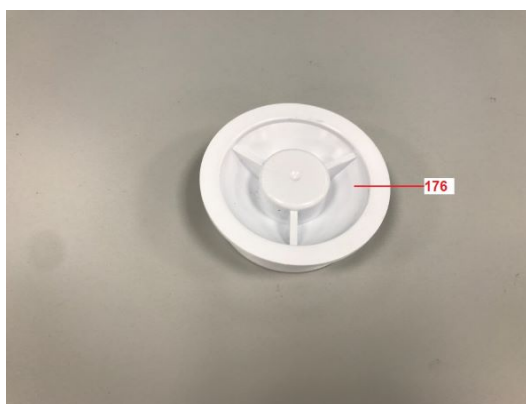
Material No. 166



Material No. 167a-b

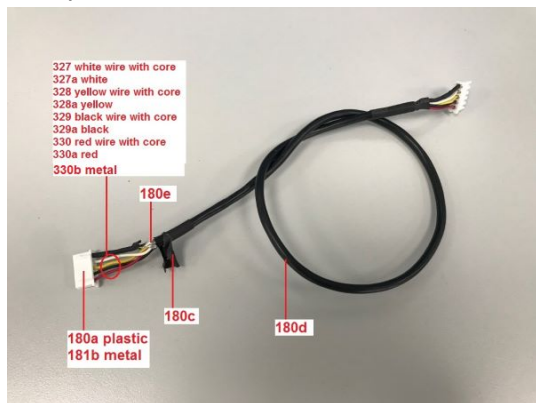


Material No. 168-170

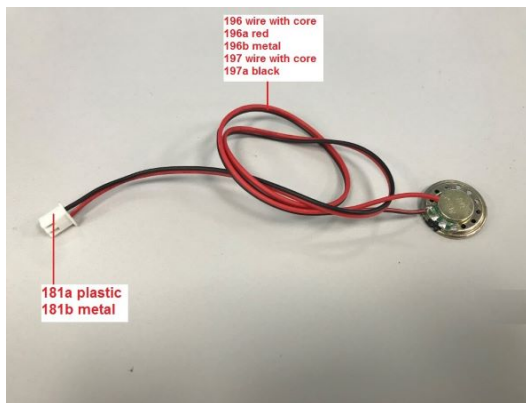


Material No. 176

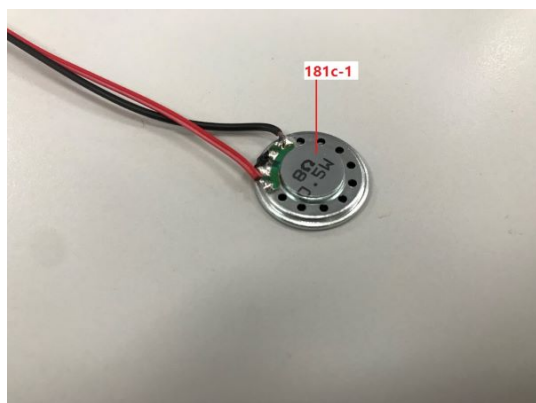
Sample Photos



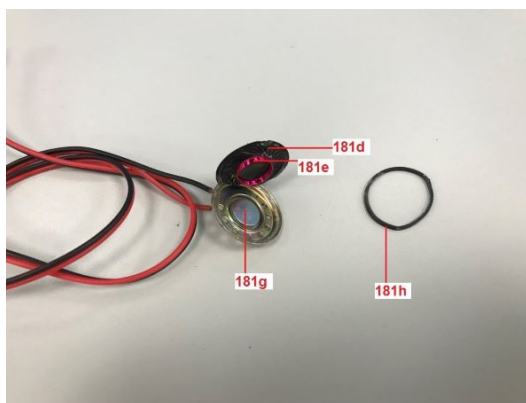
Material No.180a-e ,327-330



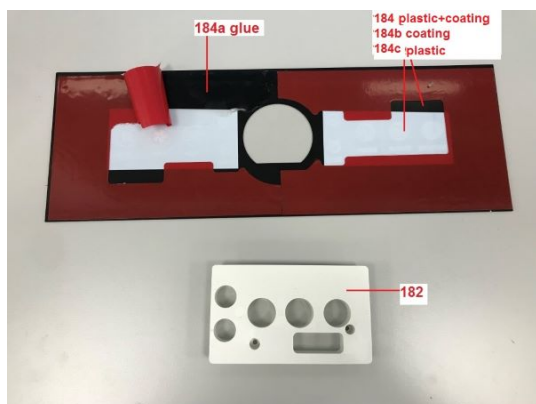
Material No.181a-b,196-197



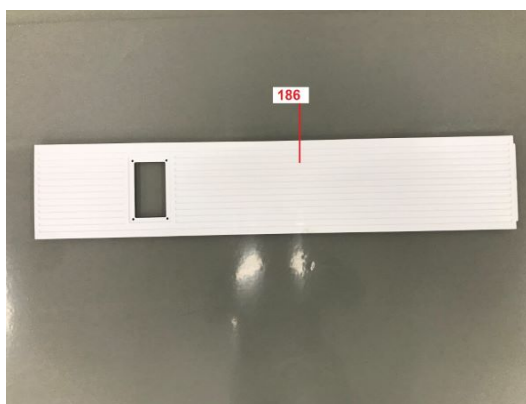
Material No.181c-1



Material No.181d,e,g-h

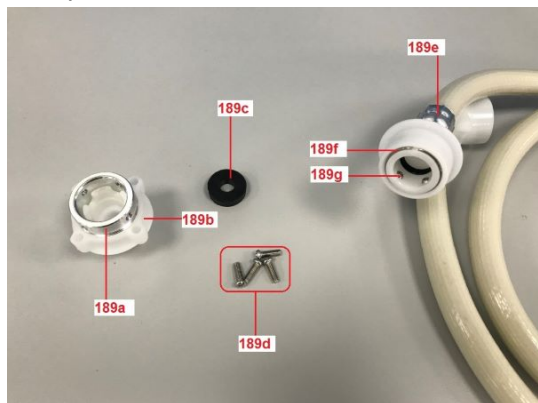


Material No.182,184,184a-c

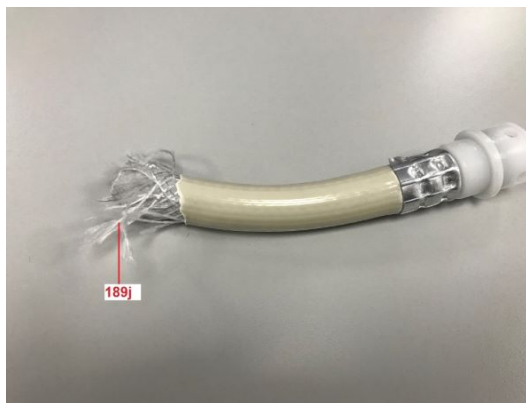


Material No.186

Sample Photos



Material No.189 a-g



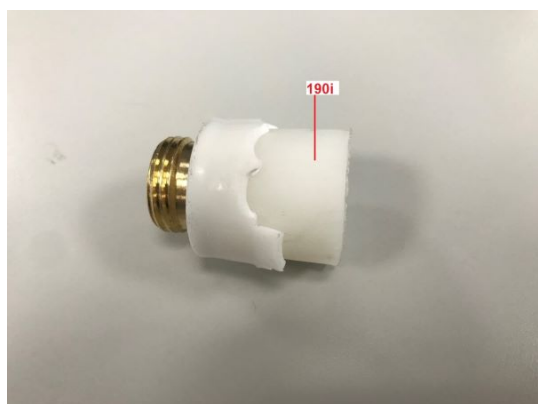
Material No.189j



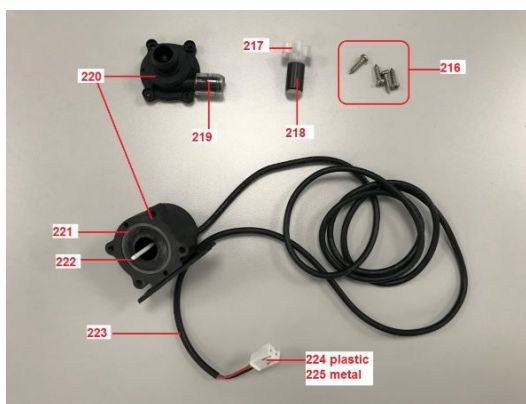
Material No.190a-1,190e-1



Material No.190b,f-h



Material No.190i

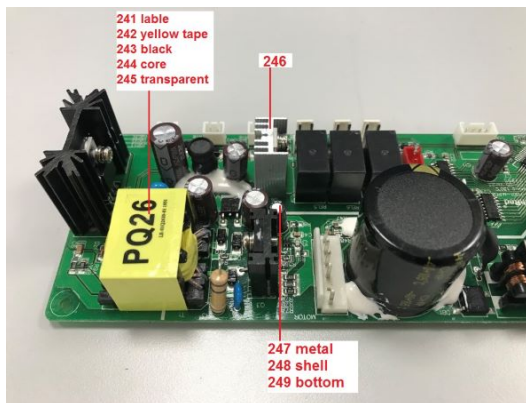


Material No.216-225

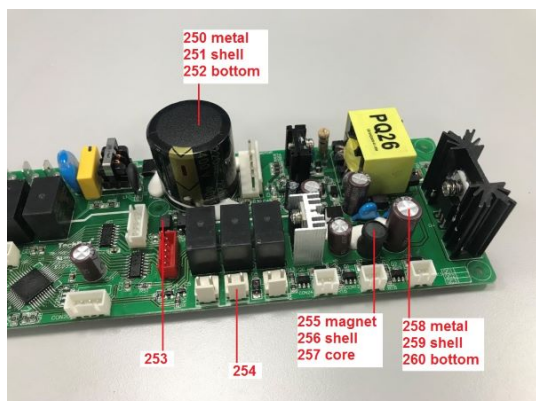
Sample Photos



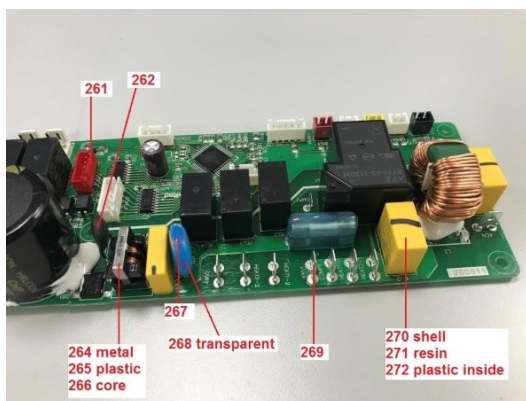
Material No.226-229



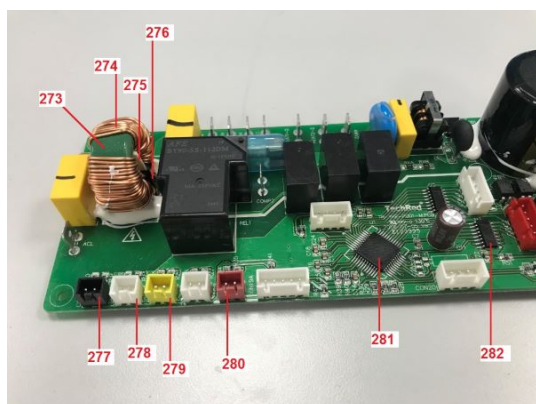
Material No.241-249



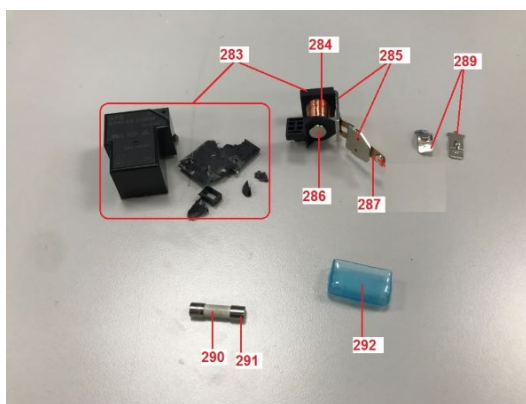
Material No.250-260



Material No.261-262,264-272



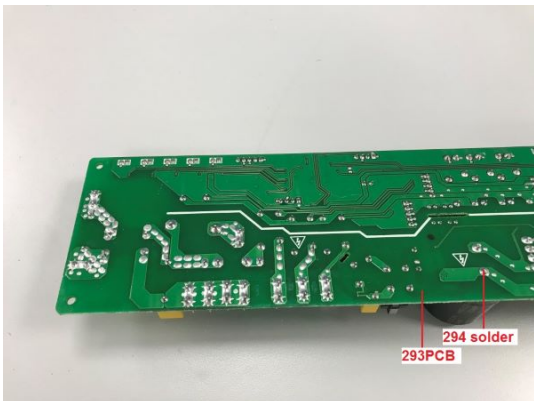
Material No.273-282



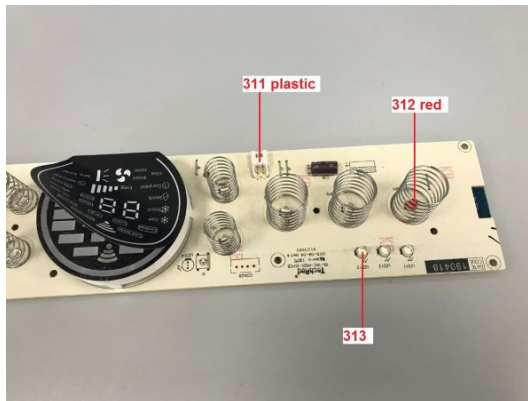
Material No.283-287,289-292

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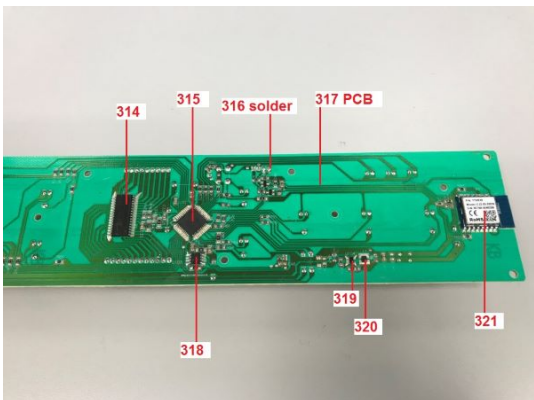
Sample Photos



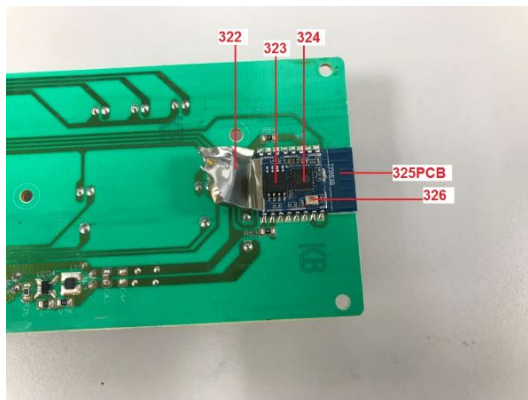
Material No.293-294



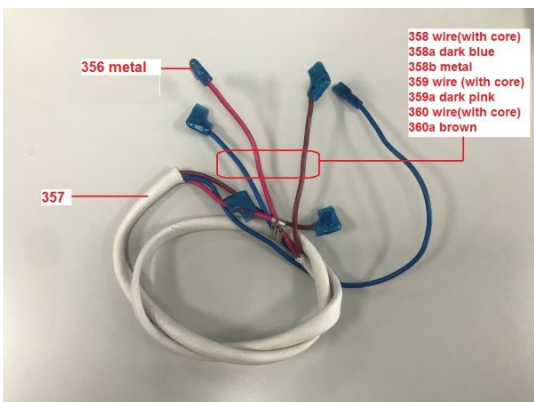
Material No.311-313



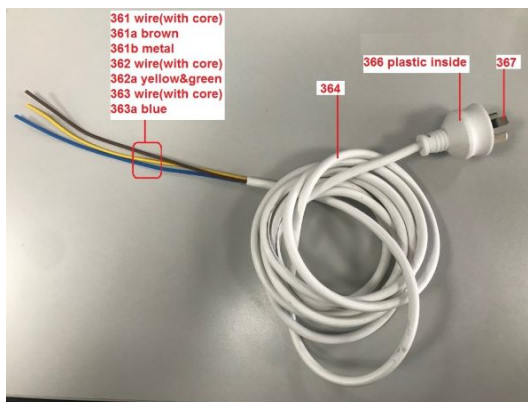
Material No.314-321



Material No.322-326



Material No.356-360

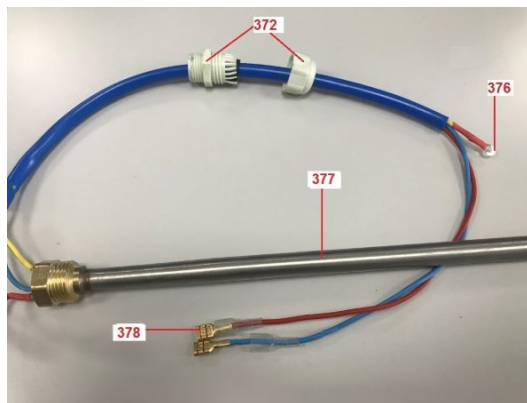


Material No.361-364,366-367

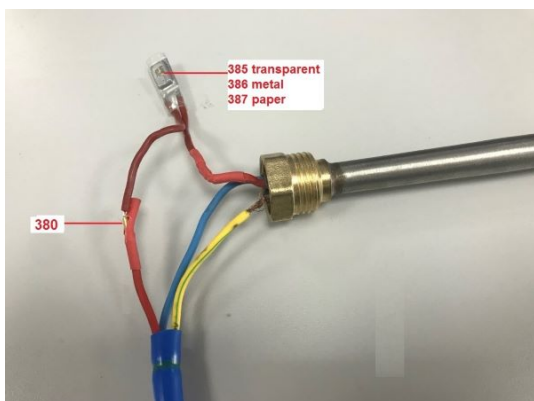
Sample Photos



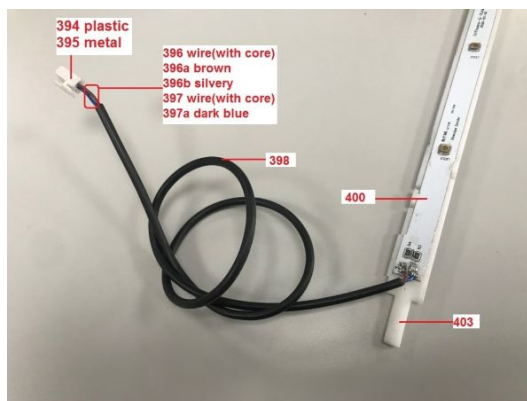
Material No.368-370



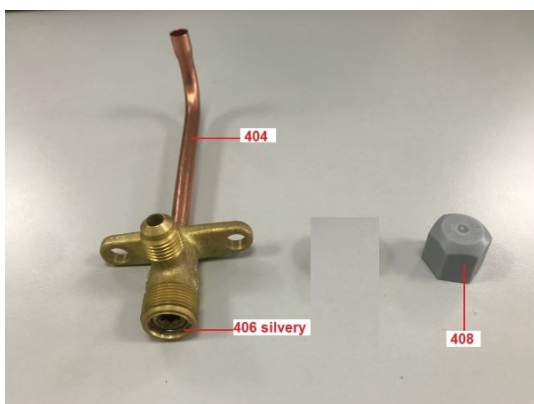
Material No.372,376-378



Material No.380,385-387



Material No.394-398,400,403

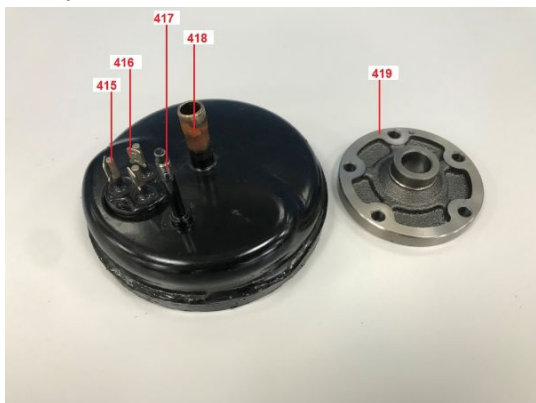


Material No.404,406,408

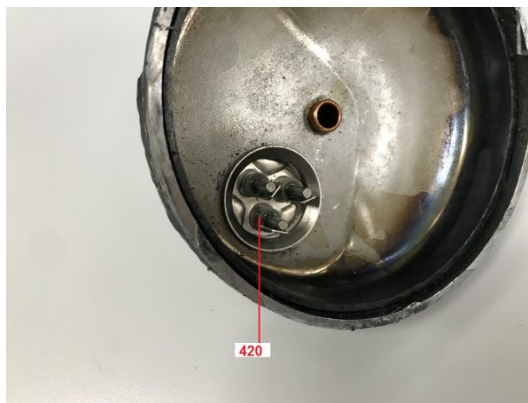


Material No.409-414

Sample Photos



Material No.415-419



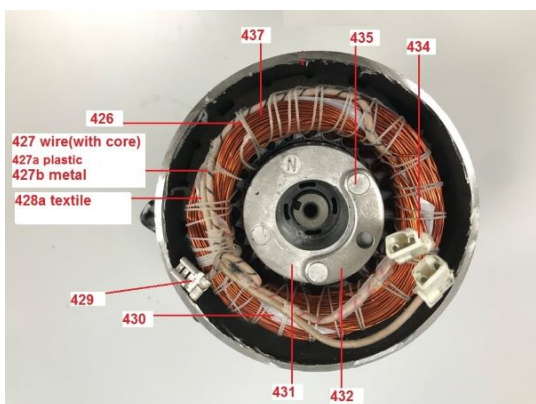
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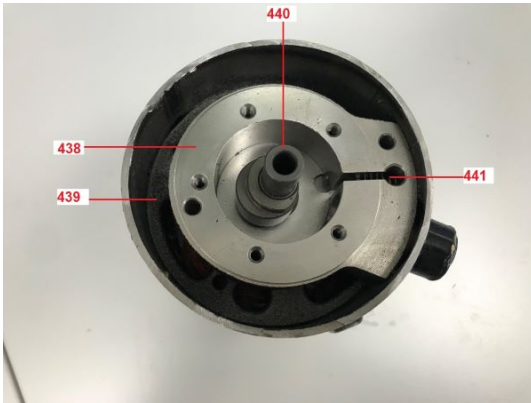


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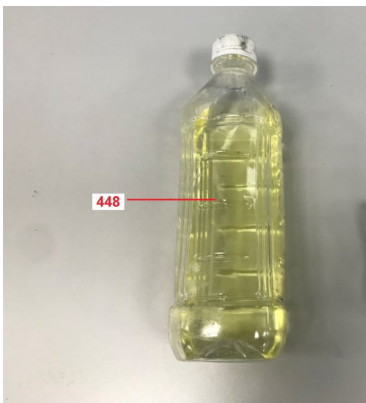
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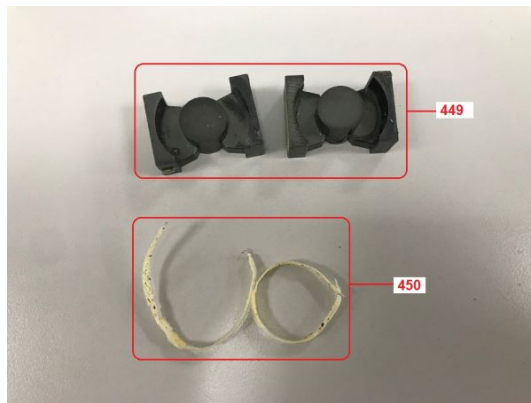
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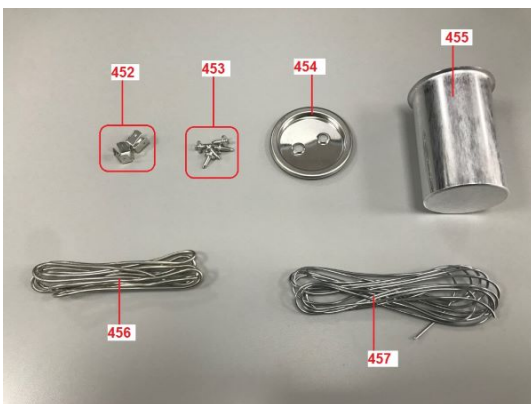
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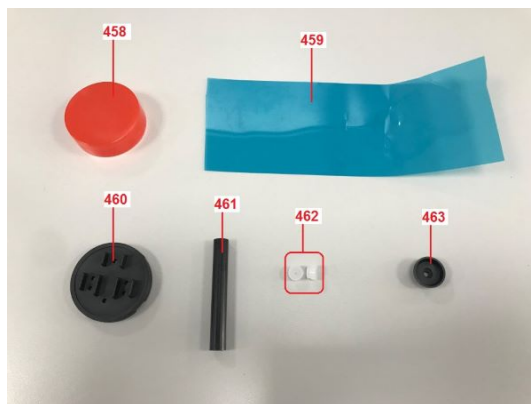
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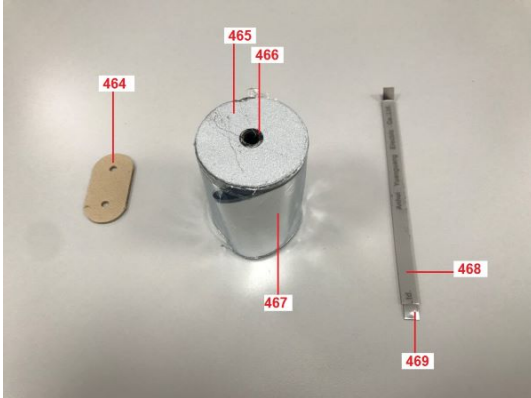


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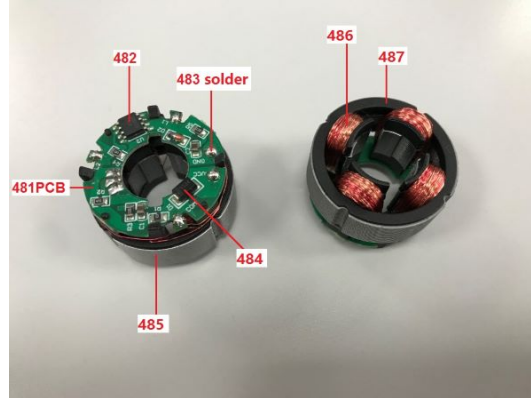


Material No.458-463

Sample Photos



Material No.464-469



Material No.481-487



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

1. Scope

1.1 These General Terms and Conditions of Business of TÜV Rheinland in Greater China ("GTBC") is made between the client and one or more member entities of TÜV Rheinland in Greater China as applicable as the case may be ("TÜV Rheinland"). The Greater China hereof refers to Mainland China, Hong Kong and Taiwan. The client hereof includes :

(i) a natural person capable to form legally binding contracts under the applicable laws who concludes the contract not for the purpose of a daily use;

(ii) the incorporated or unincorporated entity duly organized, validly existing and capable to form legally binding contracts under the applicable law.

1.2 The following terms and conditions apply to agreed services including consultancy services, information, deliveries and similar services as well as ancillary services and other secondary obligations provided within the scope of contract performance.

1.3 Any standard terms and conditions of the client of any nature shall not apply and shall hereby be expressly excluded. No standard contractual terms and conditions of the client shall form part of the contract even if TÜV Rheinland does not explicitly object to them.

1.4 In the context of an ongoing business relationship with the client, this GTBC shall also apply to future contracts with the client without TÜV Rheinland having to refer to them separately in each individual case.

2. Quotations

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

3. Coming into effect and duration of contracts

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

3.2 The contract term starts upon the coming into effect of the contract in accordance with article 3.1 and shall continue for the term agreed in the contract.

3.3 If the contract provides for an extension of the contract term, the contract term will be extended by the term provided for in the contract unless terminated in writing by either party with a six-week notice prior to the end of the contractual term.

4. Scope of services

4.1 The scope and type of the services to be provided by TÜV Rheinland shall be specified in the contractually agreed service scope of TÜV Rheinland by both parties. If no such separate service scope of TÜV Rheinland exists, then the written confirmation of order by TÜV Rheinland shall be decisive for the service to be provided.

4.2 The agreed services shall be performed in compliance with the regulations in force at the time the contract is entered into.

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

4.4 On execution of the work there shall be no simultaneous assumption of any guarantee of the correctness (proper quality) and working order of either tested or examined 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 their use and application in accordance with regulations, unless these questions are expressly covered by the contract.

4.5 In the case of inspection work, TÜV Rheinland shall not be responsible for the accuracy or checking of the safety programmes or safety regulations on which the inspections are based, unless otherwise expressly agreed in writing.

4.6 If mandatory legal regulations and standards or official requirements for the agreed service scope change after conclusion of the contract, with a written notice to the client, TÜV Rheinland shall be entitled to additional remuneration for resulting additional expenses.

4.7 The services to be provided by TÜV Rheinland under the contract are agreed exclusively with the client. A contract of third parties with the services of TÜV Rheinland, as well as making available of and justifying confidence in the work results (test reports, test results, expert reports, etc.) is not part of the agreed services. This also applies if the client passes on work results - in full or in extracts - to third parties in accordance with clause 11.4.

5. Performance periods/dates

5.1 The contractually agreed periods/dates of performance are based on estimates of the work involved which are prepared in line with the details provided by the client. They shall only be binding if being confirmed as binding by TÜV Rheinland in writing.

5.2 If binding periods of performance have been agreed, these periods shall not commence until the client has submitted all required documents to TÜV Rheinland.

5.3 Articles 5.1 and 5.2 also apply, even without express approval by the client, to all extensions of agreed periods/dates of performance not caused by TÜV Rheinland.

5.4 TÜV Rheinland is not responsible for a delay in performance, in particular if the client has not fulfilled his duties to cooperate in accordance with clause 6.1 or has not done so in time and, in particular, has not provided TÜV Rheinland with all documents and information required for the performance of the service as specified in the contract.

5.5 If the performance of TÜV Rheinland is delayed due to unforeseeable circumstances such as force majeure, strikes, business disruptions, governmental regulations, transport obstacles, etc., TÜV Rheinland is entitled to postpone performance for a reasonable period of time which corresponds at least to the duration of the hindrance plus any time period which may be required to resume performance.

6. The client's obligation to cooperate

6.1 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.

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

- it has required statutory qualifications;
 - the product, service or management system to be certified complies with applicable laws and regulations; and
 - it doesn't have any illegal and dishonest behaviours or is not included in the list of Enterprises with Serious Illegal and Dishonest Acts of People's Republic of China.
- If the client breaches the aforesaid representations and warranties, TÜV Rheinland is entitled to i) immediately terminate the contract/order without prior notice; and ii) withdraw the issued testing report/certificates if any.

6.3 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. Prices

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 TÜV Rheinland valid at the time of performance.

7.2 Unless otherwise agreed, work shall be invoiced according to the progress of the work.

7.3 If the execution of an order extends 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, TÜV Rheinland may demand payments on account or in instalments.

8. Payment terms

8.1 All invoice amounts shall be due for payment without deduction on receipt of the invoice. No discounts and rebates shall be granted.

8.2 Payments shall be made to the bank account of TÜV Rheinland as indicated on the invoice, stating the invoice and client numbers.

8.3 In cases of default of payment, TÜV Rheinland shall be entitled to claim default interest at the applicable short term loan interest rate publicly announced by a reputable commercial bank in the country where TÜV Rheinland is located. At the same time, TÜV Rheinland reserves the right to claim further damages.

8.4 Should the client default in payment of the invoice despite being granted a reasonable grace period, TÜV Rheinland shall be entitled to cancel the contract, withdraw the certificate, claim damages for non-performance and refuse to continue performance of the contract.

8.5 The provisions set forth in article 8.4 shall also apply in cases involving returned cheques, cessation of payment, commencement of insolvency proceedings against the client's assets or cases in which the commencement of insolvency proceedings has been dismissed due to lack of assets.

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

8.7 TÜV Rheinland shall be entitled to demand appropriate advance payments.

8.8 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 rise in fees. This notification shall be issued one month prior to the date on which the rise in fees shall come into effect (period of notice of changes in fees). If the rise in fees remains under 5% per contractual year, the client shall not have the right to object to 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.

8.9 Only legally established and undisputed claims may be offset against claims by TÜV Rheinland.

9. Acceptance of work

9.1 Any part of the work result ordered which is complete in itself may be presented by TÜV Rheinland for acceptance as an instalment. The client shall be obliged to accept it immediately.

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

9.3 The client is not entitled to refuse acceptance due to insignificant breach of contract by TÜV Rheinland.

9.4 If acceptance is excluded according to the nature of the work performance of TÜV Rheinland, the completion of the work shall take its place.

9.5 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 surveillance audits), TÜV 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 whatsoever or only a considerably lower damage than the above lump sum.

9.6 Insofar as the client has undertaken in the contract to accept services, TÜV 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 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.

10. Confidentiality

10.1 For the purpose of these terms and conditions, "confidential information" means all information, documents, images, drawings, know-how, data, samples and project documentation which one party (the "disclosing party") hands over, transfers or otherwise discloses to the other party (the "receiving party"), and the confidential information created during performance of work by TÜV Rheinland, including product testing data, defects, conformity to the technical standard and related reports. Confidential information also includes paper copies and electronic copies of such information. Confidential information is expressly not the data and know-how collected, compiled or otherwise obtained by TÜV Rheinland (non-personal) within the scope of the provision of services by TÜV Rheinland. TÜV Rheinland is entitled to store, use, further develop and pass on the data obtained in connection with the provision of services for the purposes of developing new services, improving services and analysing the provision of services.

10.2 The disclosing party shall mark all confidential information disclosed in written form as confidential before passing it onto the receiving party. The same applies to confidential information transmitted by e-mail. If confidential information is disclosed orally, the receiving party shall be appropriately informed in advance and the disclosing party shall confirm in writing the confidentiality requirements of the information within five working days of oral disclosure. Where the disclosing party fails to do so within the stipulated period, the receiving party shall not take any confidentiality obligations hereunder towards such information.

10.3 All confidential information which the disclosing party transmits or otherwise discloses to the receiving party and which is created during performance of work by TÜV Rheinland:

- may only be used by the receiving party for the purposes of performing the contract, unless expressly otherwise agreed in writing by the disclosing party;
- may not be copied, distributed, published or otherwise disclosed by the receiving party, unless this is necessary for fulfilling the purpose of the contract or TÜV Rheinland is required to pass on confidential information, inspection reports or documentation to the government authorities, judicial court, accreditation bodies or third parties that are involved in the performance of the contract;

10.4 The receiving party shall protect its own confidential information, but never with a lesser level of confidentiality than that which is reasonably required.

10.5 Information for which the receiving party can furnish proof that:

- was generally known at the time of disclosure or has become general knowledge without the disclosure of this confidentiality clause by the receiving party; or
 - was disclosed to the receiving party by a third party entitled to disclose this information; or
 - the receiving party already possessed this information prior to disclosure by the disclosing party;
- 10.6 All confidential information shall remain the property of the disclosing party. The receiving party hereby agrees to immediately (i) return all confidential information, including all copies, to the disclosing party, and/or (ii) on request by the disclosing party, to destroy all confidential information, including all copies, and confirm the destruction of this confidential information to the disclosing party in writing, at any time if so requested by the disclosing party but at the latest and without special request after termination or expiry of the contract. This does not extend to including reports and certificates prepared for the client solely for the purpose of fulfilling the obligations under the contract, which shall remain with the client. However, TÜV Rheinland is entitled to keep copies of such reports, certificates and confidential information that forms the basis for preparing these reports and certificates in order to evidence the correctness of its results and for general documentation purposes required by laws, regulations and the requirements of working procedures of TÜV Rheinland.

10.7 From the start of the contract and for a period of three years after termination or expiry of the contract, the receiving party shall maintain strict secrecy of all confidential information and shall not disclose this information to any third parties or use it for itself.

11. Copyrights and rights of use, publications

11.1 TÜV Rheinland shall retain all exclusive copyrights in the reports, expert reports/opinions, test reports/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 ("right of use").

11.2 The client receives a simple, unlimited, non-transferable, non-sublicensable right to use the contents of the work results produced within the scope of the contract, unless otherwise agreed by the parties in a separate agreement. The client may only use such reports, expert reports/opinions, test reports/results, results, calculations, presentations etc. prepared within the scope of the contract for the contractually agreed purpose.

11.3 The transfer of right of use of the generated work results regulated in clause 11.2 of the GTBC is subject to the payment of the remuneration agreed in the contract of TÜV Rheinland.

11.4 The client may use work results only complete and unshortened. The client may only pass on the work results in full unless TÜV Rheinland has given its prior written consent to the partial passing on of work results.

11.5 Any publication or duplication of the work results for advertising purposes or any further use of the work results beyond the scope regulated in clause 11.2 needs the prior written approval of TÜV Rheinland in each individual case.

11.6 TÜV Rheinland may revoke a once given approval according to clause 11.5 at any time without stating reasons. In this case, the client is obliged to stop the transfer of the work results immediately at his own expense and, as far as possible, to withdraw publications.

11.7 The consent of TÜV Rheinland to publication or duplication of the work results does not entitle the client to use the corporate logo, corporate design or test/certification mark of TÜV Rheinland.

12. Liability of TÜV Rheinland

12.1 Irrespective 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, losses and reimbursement of expenses caused by TÜV Rheinland, its legal representatives and/or employees shall be limited to: (i) in the case of a contract with a fixed overall fee, three times the overall fee for the entire contract (ii) in the case of a contract for annually recurring services, the agreed annual fee; (iii) in the case of a contract expressly charged on a time and material basis, a maximum of 20,000 Euro or equivalent amount in local currency; and (iv) in the case of a framework agreement that provides for the possibility of placing individual

orders, three times of the fee for the individual order under which the damages or losses have occurred. Notwithstanding the above, in the event that the total and accumulated liability calculated according to the foregoing provisions exceeds 2.5 Million Euro or equivalent amount in local currency, the total and accumulated liability of TÜV Rheinland shall be only limited to and shall not exceed the said 2.5 Million Euro or equivalent amount in local currency.

12.2 The limitation of liability according to article 12.1 above shall not apply to damages and/or losses caused by malice, intent or gross negligence on the part of TÜV Rheinland or its vicarious agents. Such limitation shall not apply to damages for a person's death, physical injury or illness.

12.3 In cases involving a fundamental breach of contract, TÜV Rheinland will be liable even where minor negligence is involved. For this purpose, a "fundamental breach" is breach of a material contractual obligation, the performance of which permits the due performance of the contract. Any claim for damages for a fundamental breach of contract shall be limited to the amount of damages reasonably foreseen as a possible consequence of such breach of contract at the time of the breach (reasonably foreseeable damages), unless any of the circumstances described in article 12.2 applies.

12.4 TÜV Rheinland shall not be liable for the acts of the personnel made available by the client to support TÜV Rheinland in the performance of its services under the contract, unless such personnel made available is regarded as vicarious agent of TÜV Rheinland. If TÜV Rheinland is not liable for the acts of the personnel made available by the client under the foregoing provision, the client shall indemnify TÜV Rheinland against any claims made by third parties arising from or in connection with such personnel's acts.

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

12.6 The limitation periods for claims for damages shall be based on statutory provisions.

12.7 None of the provisions of this article 12 changes the burden of proof to the disadvantage of the client.

13. Export control

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

13.2 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 incurred there by TÜV Rheinland.

14. Data protection notice

TÜV Rheinland processes personal data of the client for the purpose of fulfilling this contract. In addition, TÜV Rheinland also processes the data for other legal purposes in accordance with the relevant legal basis. The personal data of the client will only be disclosed to other natural or legal persons if the legal requirements are met. This also applies to transfers to third countries. The personal data will be deleted immediately as soon as a corresponding reason for deletion arises. Data subjects may exercise the following rights: right of information, right of rectification, right of deletion, right of processing limitation, right of objection, right of data transferability. In addition, persons concerned by the data processing have the right to revoke their consent at any time with effect for the future, as well as the right to file a complaint with the competent data protection supervisory authority. For further details on the processing of personal data by TÜV Rheinland as the person responsible or contract processor, please refer to the respective data protection information. You can contact the Group Data Protection Officer of TÜV Rheinland by e-mail at datenschutz@de.tuv.com or by post at the following address: TÜV Rheinland AG, c/o Group Data Protection Officer, Am Grauen Stein, 51105 Cologne, Germany.

15. Test material: transport risk and storage

15.1 The risk and costs for freight and transport of documents or test material to and from TÜV Rheinland as well as the costs of necessary disposal measures shall be borne by the client.

15.2 Any destroyed and otherwise worthless test material will be disposed of by TÜV Rheinland for the client at the expense of the client, unless otherwise agreed.

15.3 Undamaged test material shall be stored by TÜV Rheinland for four (4) weeks after completion of the test. If a longer storage period is desired, TÜV Rheinland charges an appropriate storage fee.

15.4 After the expiry of the 4 weeks or any longer period agreed upon, the test material will be disposed of by TÜV Rheinland for the client for a fee in accordance with clause 15.2.

16. Termination of the contract

16.1 Notwithstanding clause 3.3 of the GTBC, TÜV Rheinland and the client are entitled to terminate the contract in its entirety or, in the case of services combined in one contract, each of the contractual parts of the contract individually and independently of the continuation of the remaining services with six (6) months' notice to the end of the contractually agreed term.

16.2 For good causes, TÜV Rheinland may consider giving a written notice to the client to terminate the contract which includes but not limited to the following:

- the client does not immediately notify TÜV Rheinland of changes in the conditions within the company which are relevant for certification or signs of such changes;
- the client misuses the certificate or certification mark or uses it in violation of the contract;
- in the event of several consecutive delays in payment (at least three times);
- a substantial deterioration of the financial circumstances of the client occurs and as a result the payment claims of TÜV Rheinland under the contract are considerably endangered and TÜV Rheinland cannot reasonably be expected to continue the contractual relationship.

16.3 In the event of termination with written notice by TÜV Rheinland for good cause, TÜV Rheinland shall be entitled to a lump-sum claim for damages against the client if the conditions of a claim for damages exist. In this case, the client shall owe 15% of the remuneration to be paid until the end of the fixed contract term as lump-sum compensation. The client reserves the right to prove that there is no damage or a considerably lower damage, TÜV Rheinland reserves the right to prove a considerably higher damage in individual cases.

16.4 TÜV Rheinland is also entitled to terminate the contract with written notice if the client has not been able to make use of the time windows for auditing /service provision provided by TÜV Rheinland within the scope of a certification procedure and the certificate therefore has to be withdrawn (for example during the performance of monitoring audits). Clause 16.3 applies accordingly.

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

17.1 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.

17.2 Should one or several of the provisions under the contract and/or these terms and conditions be or become ineffective, the contracting parties shall replace the invalid provision with a legally valid provision that comes closest to the content of the invalid provision in legal and commercial terms.

17.3 Unless otherwise stipulated in the contract, the governing law of the contract and these terms and conditions shall be chosen following the rules as below:

- TÜV Rheinland in question is legally registered and existing in the People's Republic of China, the contracting parties hereby agree that the contract and these terms and conditions shall be governed by the laws of the People's Republic of China.
- TÜV Rheinland in question is legally registered and existing in Taiwan, the contracting parties hereby agree that the contract and these terms and conditions shall be governed by the laws of Taiwan.
- TÜV Rheinland in question is legally registered and existing in Hong Kong, the contracting parties hereby agree that the contract and these terms and conditions shall be governed by the laws of Hong Kong.

17.4 Any dispute in connection with the contract and these terms and conditions or the execution thereof shall be settled friendly through negotiations.

Unless otherwise stipulated in the contract, if no settlement or no agreement in respect of the extension of the negotiation period can be reached within two months of the arising of the dispute, the dispute shall be submitted:

a) in the case of TÜV Rheinland in question being legally registered and existing in the People's Republic of China, to China International Economic and Trade Arbitration Commission (CIETAC) to be settled by arbitration under the Arbitration Rules of CIETAC in force when the arbitration is submitted. The arbitration shall take place in Beijing, Shanghai, Shenzhen or Chongqing as appropriately chosen by the claiming party.

b) in the case of TÜV Rheinland in question being legally registered and existing in Taiwan, to Chinese Arbitration Association Taipei Branch to be arbitrated in accordance with its then current Rules of Arbitration. The arbitration shall take place in Taipei.

c) in the case of TÜV Rheinland being legally registered and existing in Hong Kong, to Hong Kong International Arbitration Centre (HKIAC) to be settled by arbitration under the HKIAC Administered Arbitration Rules in force when the Notice of Arbitration is submitted in accordance with these rules. The arbitration shall take place in Hong Kong.

The decision of the relevant arbitration tribunal shall be final and binding on both parties. The arbitration fee shall be borne by the losing party.