

Test Report

No. CANEC1625968407

Date: 09 Jan 2017

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3F ELECTRONICS INDUSTRY CORP.,LTD.

NO.5, ZHENXING ROAD, LIYUHE INDUSTRY PARK, LOUCUN VILLAGE, GONGMING STREET,
GUANGMING NEW DISTRICT, SHENZHEN , GUANGDONG , CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : PVC wire and cable

SGS Job No. : CP16-078498 - SZ
Model No. : AVSS 0.3mm² Black,AVSS 0.3mm² White,AVSS 0.3mm² Red
Client Ref. Info. : Please see Remark
Date of Sample Received : 30 Dec 2016
Testing Period : 30 Dec 2016 - 06 Jan 2017
Test Requested : Selected test(s) as requested by client.
Test Method : Please refer to next page(s).
Test Results : Please refer to next page(s).

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch



Alkene Liang
Approved Signatory



Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	CAN16-259684.001	Black plastic jacket+White plastic jacket+Red plastic jacket

Remarks :

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

Polycyclic Aromatic Hydrocarbons (PAHs)

Test Method : With reference to AfPS GS 2014:01 PAK, analysis was performed by GC-MS.

<u>Test Item(s)</u>	<u>CAS NO.</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Naphthalene(NAP)	91-20-3	mg/kg	0.1	ND
Acenaphthylene(ANY)	208-96-8	mg/kg	0.1	ND
Acenaphthene(ANA)	83-32-9	mg/kg	0.1	ND
Fluorene(FLU)	86-73-7	mg/kg	0.1	ND
Phenanthrene(PHE)	85-01-8	mg/kg	0.1	ND
Anthracene(ANT)	120-12-7	mg/kg	0.1	ND
Fluoranthene(FLT)	206-44-0	mg/kg	0.1	ND
Pyrene(PYR)	129-00-0	mg/kg	0.1	ND
Benzo(a)anthracene(BaA)	56-55-3	mg/kg	0.1	ND
Chrysene(CHR)	218-01-9	mg/kg	0.1	ND
Benzo(b)fluoranthene(BbF)	205-99-2	mg/kg	0.1	ND
Benzo(j)fluoranthene(BjF)	205-82-3	mg/kg	0.1	ND
Benzo(k)fluoranthene(BkF)	207-08-9	mg/kg	0.1	ND
Benzo(a)pyrene(BaP)	50-32-8	mg/kg	0.1	ND
Benzo(e)pyrene(BeP)	192-97-2	mg/kg	0.1	ND
Indeno(1,2,3-c,d)pyrene(IPY)	193-39-5	mg/kg	0.1	ND
Dibenzo(a,h)anthracene(DBA)	53-70-3	mg/kg	0.1	ND
Benzo(g,h,i)perylene(BPE)	191-24-2	mg/kg	0.1	ND
Sum of 7 PAHs Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Pyrene, Anthracene, Fluoranthene	-	mg/kg	-	ND



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Test Item(s) CAS NO. Unit MDL 001
 Sum of 18 PAHs - mg/kg - ND

AFPS (German commission for Product Safety) : GS PAHs requirements

Parameter	Category 1 Material indented to be put in the mouth or toys with intended skin contact (longer than 30 s).	Category 2		Category 3	
		Toy under 2009/48/EC	Other products under ProdSG	Toy under 2009/48/EC	Other products under ProdSG
Benzo(a)pyrene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(e)pyrene Mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(a)anthracene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(b)fluoranthene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(j)fluoranthene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(k)fluoranthene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Chrysene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Dibenzo(a,h)anthracene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo(g,h,i)perylene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Indeno(1,2,3-cd)pyrene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Acenaphthylene, Acenaphthene, fluorene, phenanthrene , pyrene, anthracene, fluoranthene, mg/kg	< 1 Sum	< 5 Sum	< 10 Sum	< 20 Sum	< 50 Sum
Naphthalene, mg/kg	< 1	< 2		< 10	
Sum of 18 PAHs	<1	< 5	< 10	< 20	< 50

Remark 1: Results shown are of the total weight of mixed samples.

Remark 2: The sample(s) was/were analyzed on behalf of the applicant as mixing sample in one testing. The above result(s) was/were only given as the informality value and only for reference.



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Remark:

UL1007、1010、1013、1015、1017、1020、1021、1022、1023、1024、1026、
 10269、1027、1028、1040、1041、1043、1054、1055、1056、1061、1095、
 1207、1211、1220、1230、1233、1234、1235、1236、1237、1238、1239、1265
 1266、1275、1283、1284、1308、1314、1316、1452、1569、1571、1589、1617
 1618、1672、1429、1430、1431、3454、3558、3314、3315、3453、3611、3443
 1764、10024、10053、10070、10076、10198、2038、2095、2096、2101、2102
 2103、2127、2129、2265、2343、20478、2344、2345、2346、2384、2385、
 2386、2387、2388、2448、2463、20295、2464、2468、2490、2493、2501、
 2502、2516、2517、2532、2550、20294、2560、2569、2570、2571、2574、
 2576、2584、2586、2587、2589、20293、2598、2614、2626、2630、2631、
 2637、2651、2653、2654、2655、2656、2660、2661、2662、2668、2679、2704
 2709、2722、2726、QFR、2733、BVR、2754、2919、2990、20276、20480、
 20482、21014、10097、3463、3482、QB-A、QB-B、AVR、60227IEC01 (BV)
 60227IEC02 (RV) 、 60227IEC05 (BV) 、 60227IEC06 (RV) 、
 60227IEC08(RV-90)、60227IEC52(RVV)、AVR、60227IEC53(RVV)、VDE WIR E
 HDT、FLRY、STT、GPT、TWP、FLRYW、FLRX、FLR9Y、FLRW、SGT、AV、
 EB、HEB、HDEB、AVS、CAVS、CAV、AVSSH、AVSX、AVXS、AVX、AVFX、
 EBX、HEBX、CAVUS、AVSS、AVF、QVR、GB.AV.300/300V、
 GB.RVS.300/300V、TVSSX、MTW、MTW/TEW 1015、MIL-W-76、16878/1C、
 16878/2C、16878/3C、16878/17B、H05V-K、H07V-K,and PVC TUBE

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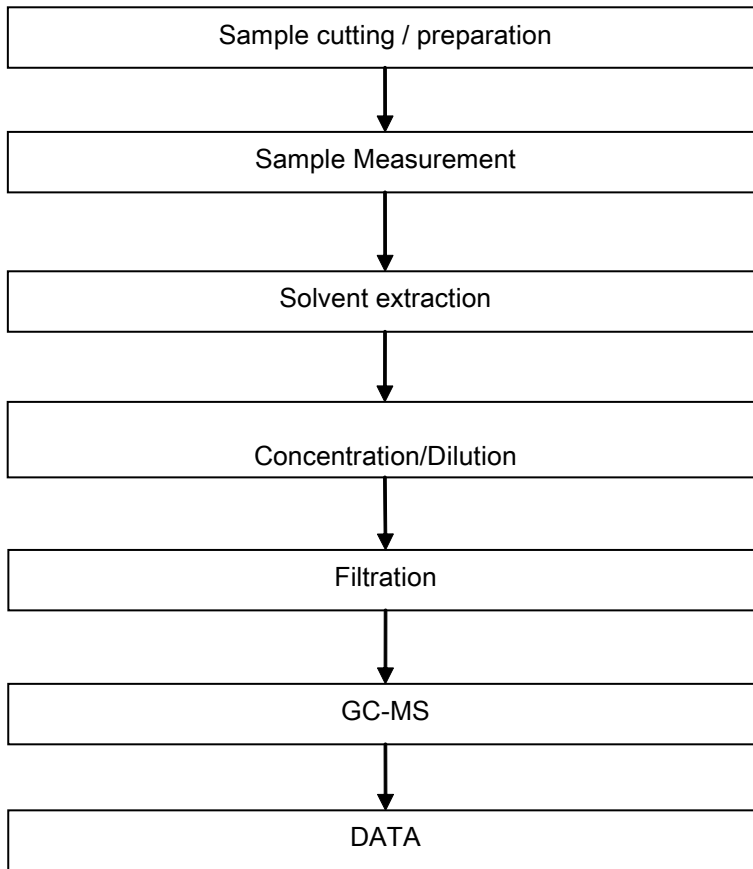
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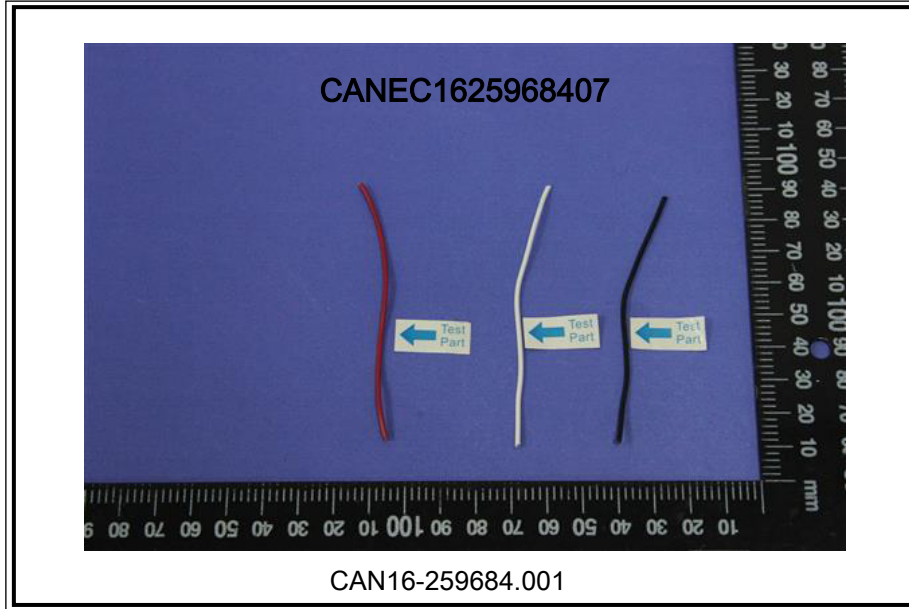
ATTACHMENTS

PAHs Testing Flow Chart

- 1) Name of the person who made testing: Sunny Hu
- 2) Name of the person in charge of testing: Qiong Liu



Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***