TEST REPORT

Applicant	:	**Dongguan Zhanhong Weaving String Co.,Ltd.**
Address	:	**Xitailong Industrial Area, Pearl Road, Shatian Town, Dongguan City, 523981, China**

Report on the submitted sample(s) said to be

Sample name	:	**Lanyard**
Trademark	:	**N/A**
Model No.	:	**reflective lanyard-25**
Manufacturer	:	**Dongguan Zhanhong Weaving String Co.,Ltd.**
Address	:	**Xitailong Industrial Area, Pearl Road, Shatian Town, Dongguan City, 523981, China**
Sample Received Date	:	**Sep. 09, 2019**
Testing Period	:	**Sep. 09, 2019 - Sep. 18, 2019**
Report No	:	**BKC-190902511R**
Test Requested	:	As requested by client, refer to EU Regulation(EC) No 1907/2006(REACH), to screen two hundred and one(201) Substances of Very High Concern(SVHC) in the submitted sample. The list is the one that is published by European Chemicals Administration(ECHA) on 16 July 2019.
Test Method	:	Analysis was performed by ICP-OES, GC-MS(HS), HPLC-DAD-MS, IC, AAS, UV-VIS.
Test Result(s)	:	Please refer to the following page(s)
Summary	:	According to the analytical results, concentrations of 201 SVHC substances are less than 0.1% (w/w) in the submitted sample.

Tested by: _____ Inspected by: _____

Approved by: _____ Date: **Sep. 18, 2019**

Test Results: **Unit: %**

No.	Substance Name(s)	CAS No.	EC No.	Concentration	Report Limit
1	Bis(tributyltin)oxide(TBTO)*	56-35-9	200-268-0	N.D.	0.005%
2	Diarsenic pentaoxide*	1303-28-2	215-116-9	N.D.	0.01%
3	Diarsenic trioxide*	1327-53-2	215-481-4	N.D.	0.01%
4	Triethyl arsenate*	15606-95-8	427-700-2	N.D.	0.01%
5	Lead hydrogen arsenate*	7784-40-9	232-064-2	N.D.	0.01%
6	Cobalt dichloride*	7646-79-9	231-589-4	N.D.	0.01%
7	Sodium dichromate*	7789-12-0/10588-01-9	234-190-3	N.D.	0.01%
8	Anthracene	120-12-7	204-371-1	N.D.	0.005%
9	4,4′-Diaminodiphenylmethane	101-77-9	202-974-4	N.D.	0.005%
10	Dibutyl phthalate(DBP)	84-74-2	201-557-4	N.D.	0.005%
11	Benzyl butyl phthalate(BBP)	85-68-7	201-662-7	N.D.	0.005%
12	5-tert-butyl-2,4,6-trinitro-m-xylene(Musk xylene)	81-15-2	201-329-4	N.D.	0.005%
13	Bis (2-ethyl(hexyl) phthalate (DEHP)	117-81-7	204-211-0	N.D.	0.005%
14	Hexabromocyclododecane and all major diastereoisomers identified:(HBCDD)	25637-99-4 /3194-55-6	247-148-4, 221-695-9	N.D.	0.005%
15	Short Chain Chlorinated Paraffins(SCCPs)	85535-84-8	287-476-5	N.D.	0.01%
16	①Anthracene oil	90640-80-5	292-602-7	N.D.	0.05%
17	①Anthracene oil, anthracene paste, distn.Lights****	91995-17-4	295-278-5	N.D.	0.05%
18	①Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9	N.D.	0.05%
19	①Anthracene oil, anthracene-low	90640-82-7	292-604-8	N.D.	0.05%
20	Anthracene oil,anthracene paste	90640-81-6	292-603-2	N.D.	0.05%
21	①Diisobuty1 phthalate(DIBP)	84-69-5	201-553-2	N.D.	0.005%
22	2, 4-Dinitrotoluene	121-14-2	204-450-0	N.D.	0.01%
23	Pitch, Coal tar, high temperature	65996-93-2	266-028-2	N.D.	0.05%
24	Tris (2 - chloroethyl) phosphate(TCEP)	115-96-8	204-118-5	N.D.	0.01%
25	②Zirconia Aluminasilicate, Refractory Ceramic Fibre	--	650-017-00-8	N.D.	0.05%

Test Results: **Unit: %**

No.	Substance Name(s)	CAS No.	EC No.	Concentration	Report Limit
26	②Aluminiosilicate, Refractory Ceramic Fibres	--	650-017-00-8	N.D.	0.05%
27	②Lead sulfochromate yellow (C.I. pigment Yellow34) ***	1344-37-2	215-693-7	N.D.	0.05%
28	②Lead chromate molybdate sulphate red (C.I. Pigment Red 104)***	12656-85-8	235-759-9	N.D.	0.05%
29	②Lead chromate	7758-97-6	231-846-0	N.D.	0.05%
30	Acrylamide	79-06-1	201-173-7	N.D.	0.01%
31	Trichloroethylene	79-01-6	201-167-4	N.D.	0.005%
32	③Boric acid	10043-35-3/ 11113-50-1	233-139-2/ 234-343-4	N.D.	0.01%
33	③Disodium tetraborate,anhydrous*	1330-43-4/ 12179-04-3/ 1303-96-4	215-540-4	N.D.	0.01%
34	③Tetraboron disodium heptaoxide, hydrate*	12267-73-1	235-541-3	N.D.	0.01%
35	Sodium chromate*	7775-11-3	231-889-5	N.D.	0.01%
36	Potassium chromate*	7789-00-6	232-140-5	N.D.	0.01%
37	Ammonium dichromate*	7789-09-5	232-143-1	N.D.	0.01%
38	Potassium dichromate*	7778-50-9	231-906-6	N.D.	0.01%
39	Cobalt(Ⅱ) sulphate*	10124-43-3	233-334-2	N.D.	0.01%
40	Cobalt(Ⅱ) dinitrate*	10141-05-6	233-402-1	N.D.	0.01%
41	Cobalt(Ⅱ) carbonate	513-79-1	208-169-4	N.D.	0.01%
42	Cobalt(Ⅱ) diacetate	71-48-7	200-755-8	N.D.	0.01%
43	2-Methoxyethanol	109-86-4	203-713-7	N.D.	0.01%
44	2-Ethoxyethanol	110-80-5	203-804-1	N.D.	0.01%
45	Chromium trioxide	1333-82-0	215-607-8	N.D.	0.01%
46	Acids generated from chromium trioxide and their oligomers:Chromic acid, Dichromic acid,Oligomers of chromic acid and dichromic acid*	7738-94-5/13530-68-2	231-801-5, 236-881-5	N.D.	0.01%
47	2-ethoxyethyl acetate(2-EEA)	203-839-2	111-15-9	N.D.	0.01%
48	Strontium chromate	232-142-6	7789-06-2	N.D.	0.05%
49	①1,2-Benzendicarboxylic acid,di-C7-11-branched and linear alkyl esters(DHNUP)	271-084-6	68515-42-4	N.D.	0.05%

Test Results: **Unit: %**

No.	Substance Name(s)	CAS No.	EC No.	Concentration	Report Limit
50	Hydrazine	206-114-9	7803-57-8302-01-2	N.D.	0.01%
51	1-methyl-2-pyrrolidone	212-828-1	827-50-4	N.D.	0.01%
52	1,2,3-trichloropropane	202-486-1	96-18-4	N.D.	0.01%
53	①1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters,C7-rich(DIHP)	276-158-1	71888-89-6	N.D.	0.05%
54	Lead dipicrate	6477-64-1	229-335-2	N.D.	0.05%
55	Lead styphnate	15245-44-0	239-290-0	N.D.	0.05%
56	Lead azide; Lead diazide	13424-46-9	236-542-1	N.D.	0.01%
57	Phenolphthalein	77-09-8	201-004-7	N.D.	0.05%
58	2,2'-dichloro-4,4'-methylenedianiline(MOCA)	101-14-4	202-918-9	N.D.	0.01%
59	N,N-dimethylacetamide (DMAC)	127-19-5	204-826-4	N.D.	0.01%
60	Trilead diarsenate	3687-31-8	222-979-5	N.D.	0.05%
61	Calcium arsenate	7778-44-1	231-904-5	N.D.	0.05%
62	Arsenic acid	7778-39-4	231-901-9	N.D.	0.05%
63	Bis(2-methoxyethyl) ether	111-96-6	203-924-4	N.D.	0.01%
64	1,2-Dichloroethane	107-06-2	203-458-1	N.D.	0.01%
65	4-(1,1,3,3-tetramethylbutyl) phenol(4-tert-Octylphenol)	140-66-9	205-426-2	N.D.	0.01%
66	2-Methoxyaniline; o-Anisidine	90-04-0	201-963-1	N.D.	0.01%
67	Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6	N.D.	0.005%
68	①Formaldehyde, oligomeric reaction products with aniline(technical MDA)	25214-70-4	500-036-1	N.D.	0.05%
69	Pentazinc chromate octahydroxide*	49663-84-5	256-418-0	N.D.	0.05%
70	Potassium hydroxyl octaoxodizincate di-chromate	11103-86-9	234-329-8	N.D.	0.05%
71	Dichromium tris(chromate)	24613-89-6	246-356-2	N.D.	0.05%
72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	2003-977-3	N.D.	0.01%
73	1,2-dimethoxyethane;ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9	N.D.	0.01%
74	Diboron trioxide	1303-86-2	215-125-8	N.D.	0.01%
75	Formamide	75-12-7	200-842-0	N.D.	0.01%

Test Results: **Unit: %**

No.	Substance Name(s)	CAS No.	EC No.	Concentration	Report Limit
76	Lead(Ⅱ)bis(methanesulfonate)	17570-76-2	401-750-5	N.D.	0.01%
77	TGIC(1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione)	2451-62-9	219-514-3	N.D.	0.01%
78	β-TGIC(1,3,5-tris[(2S and2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	59653-74-6	423-400-0	N.D.	0.01%
79	4,4'-bis(dimethylamino)benzophenone(Michler's ketone)	90-94-8	202-027-5	N.D.	0.01%
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	202-959-2	N.D.	0.01%
81	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I.Basic Violet 3)	548-62-9	208-953-6	N.D.	0.01%
82	[4-[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride(C.I.Basic Blue 26)	2580-56-5	219-943-6	N.D.	0.01%
83	α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0	229-851-8	N.D.	0.01%
84	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	209-218-2	N.D.	0.01%
85	Bis(pentabromophenyl)ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	214-604-9	N.D.	0.01%
86	Pentacosafluorotridecanoic acid	72629-94-8	276-745-2	N.D.	0.01%
87	Tricosafluorododecanoic acid	307-55-1	206-203-2	N.D.	0.01%
88	Henicosafluoroundecanoic acid	2058-94-8	218-165-4	N.D.	0.01%
89	Heptacosafluorotetradecanoic acid	376-26-7	206-803-4	N.D.	0.01%
90	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	204-650-8	N.D.	0.01%

Test Results: **Unit: %**

No.	Substance Name(s)	CAS No.	EC No.	Concentration	Report Limit
91	Cyclohexane-1,2-dicarboxylicanhydride[1]cis-cyclohexane-1,2-dicarboxylicanhydride[2]transcyclohexane-1,2-dicarboxylicanhydride [3][The individual cis-[2] and trans-[3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are coveredby this entry].	85-42-7, 13149-00-3, 14166-21-3	201-604-9, 236-086-3, 238-009-9	N.D.	0.01%
92	Hexahydromethylphthalicanhydride[1],Hexahydro-4-methylphthalicanhydride[2],Hexahydro-1-methylphthalicanhydride[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	247-094-1, 243-072-0, 256-356-4, 260-566-1	N.D.	0.01%
93	4-Nonylphenol, branched and linear[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]	-	-	N.D.	0.01%
94	4-(1,1,3,3-tetramethylbutyl) phenol, ethoxylated[covering well-defined substances and UVCB substances, polymers and homologues]	-	-	N.D.	0.01%
95	Methoxyacetic acid	625-45-6	210-894-6	N.D.	0.01%
96	N,N-dimethylformamide	68-12-2	200-679-5	N.D.	0.01%
97	Dibutyltin dichloride (DBTC)	683-18-1	211-670-0	N.D.	0.01%
98	Lead monoxide (Lead oxide)	1317-36-8	215-267-0	N.D.	0.01%
99	Orange lead (Lead tetroxide)	1314-41-6	215-235-6	N.D.	0.01%
100	Lead bis(tetrafluoroborate)	13814-96-5	237-486-0	N.D.	0.01%
101	Trilead bis(carbonate)dihydroxide	1319-46-6	215-290-6	N.D.	0.01%
102	Lead titanium trioxide	12060-00-3	235-038-9	N.D.	0.01%

Test Results: **Unit: %**

No.	Substance Name(s)	CAS No.	EC No.	Concentration	Report Limit
103	Lead titanium zirconium oxide	12626-81-2	235-727-4	N.D.	0.01%
104	Silicic acid, lead salt	11120-22-2	234-363-3	N.D.	0.01%
105	Silicic acid (H2Si2O5), 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]	68784-75-8	272-271-5	N.D.	0.01%
106	1-bromopropane (n-propyl bromide)	106-94-5	203-445-0	N.D.	0.01%
107	Methyloxirane (Propylene oxide)	75-56-9	200-879-2	N.D.	0.01%
108	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	284-032-2	N.D.	0.01%
109	Diisopentylphthalate (DIPP)	605-50-5	210-088-4	N.D.	0.01%
110	N-pentyl-isopentylphthalate	776297-69-9	-	N.D.	0.01%
111	1,2-diethoxyethane	629-14-1	211-076-1	N.D.	0.01%
112	Acetic acid, lead salt, basic	51404-69-4	257-175-3	N.D.	0.01%
113	Lead oxide sulfate	12036-76-9	234-853-7	N.D.	0.01%
114	[Phthalato(2-)]dioxotrilead	69011-06-9	273-688-5	N.D.	0.01%
115	Dioxobis(stearato)trilead	12578-12-0	235-702-8	N.D.	0.01%
116	Fatty acids, C16-18, lead salts	91031-62-8	292-966-7	N.D.	0.01%
117	Lead cynamidate	20837-86-9	244-073-9	N.D.	0.01%
118	Lead dinitrate	10099-74-8	233-245-9	N.D.	0.01%
119	Pentalead tetraoxide sulphate	12065-90-6	235-067-7	N.D.	0.01%
120	Pyrochlore, antimony lead yellow	8012-00-8	232-382-1	N.D.	0.01%
121	Sulfurous acid, lead salt, dibasic	62229-08-7	263-467-1	N.D.	0.01%
122	Tetraethyllead	78-00-2	201-075-4	N.D.	0.01%
123	Tetralead trioxide sulphate	12202-17-4	235-380-9	N.D.	0.01%

Test Results: **Unit: %**

No.	Substance Name(s)	CAS No.	EC No.	Concentration	Report Limit
124	Trilead dioxide phosphonate	12141-20-7	235-252-2	N.D.	0.01%
125	Furan	110-00-9	203-727-3	N.D.	0.01%
126	Diethyl sulphate	64-67-5	200-589-6	N.D.	0.01%
127	Dimethyl sulphate	77-78-1	201-058-1	N.D.	0.01%
128	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	421-150-7	N.D.	0.01%
129	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	201-861-7	N.D.	0.01%
130	4,4'-methylenedi-o-toluidine	838-88-0	212-658-8	N.D.	0.01%
131	4,4'-oxydianiline and its salts	101-80-4	202-977-0	N.D.	0.01%
132	4-aminoazobenzene	60-09-3	200-453-6	N.D.	0.01%
133	4-methyl-*m*-phenylenediamine (toluene-2,4-diamine)	95-80-7	202-453-1	N.D.	0.01%
134	6-methoxy-m-toluidine (p-cresidine)	120-71-8	204-419-1	N.D.	0.01%
135	Biphenyl-4-ylamine	92-67-1	202-177-1	N.D.	0.01%
136	o-aminoazotoluene [(4-o-tolylazo-o-toluidine)]	97-56-3	202-591-2	N.D.	0.01%
137	o-toluidine	95-53-4	202-429-0	N.D.	0.01%
138	N-methylacetamide	76-16-3	201-182-6	N.D.	0.01%
139	Cadmium	231-152-8	7440-43-9	N.D.	0.005%
140	Cadmium oxide	1306-19-0	215-146-2	N.D.	0.005%
141	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	223-320-4	N.D.	0.01%
142	Pentadecafluorooctanoic acid (PFOA)	335-67-1	206-397-9	N.D.	0.01%
143	Dipentyl phthalate (DPP)	131-18-0	205-017-9	N.D.	0.01%
144	4-Nonylphenol, branched and linear, ethoxylated [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]	—	—	N.D.	0.05%

Test Results: **Unit: %**

No.	Substance Name(s)	CAS No.	EC No.	Concentration	Report Limit
145	Cadmium sulphide	1306-23-6	215-147-8	N.D.	0.01%
146	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	209-358-4	N.D.	0.01%
147	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	217-710-3	N.D.	0.01%
148	Dihexyl phthalate	84-75-3	201-559-5	N.D.	0.01%
149	Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	202-506-9	N.D.	0.01%
150	Lead di(acetate)	301-04-2	206-104-4	N.D.	0.01%
151	Trixylyl phosphate	25155-23-1	246-677-8	N.D.	0.01%
152	Cadmium chloride	10108-64-2	233-296-7	N.D.	0.01%
153	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	271-093-5	N.D.	0.01%
154	Sodium peroxometaborate	7632-04-4	231-556-4	N.D.	0.01%
155	Sodium perborate; perboric acid, sodium salt	-	239-172-9; 234-390-0	N.D.	0.01%
156	Cadmium fluoride	7790-79-6	232-222-0	N.D.	0.01%
157	Cadmium sulphate	10124-36-4; 31119-53-6	233-331-6	N.D.	0.01%
158	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	223-346-6	N.D.	0.01%
159	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	247-384-8	N.D.	0.01%
160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	239-622-4	N.D.	0.01%
161	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)	-	-	N.D.	0.01%

Test Results: **Unit: %**

No.	Substance Name(s)	CAS No.	EC No.	Concentration	Report Limit
162	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	271-094-0 272-013-1	N.D.	0.01%
163	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]	-	-	N.D.	0.01%
164	Nitrobenzene	98-95-3	202-716-0	N.D.	0.01%
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	223-383-8	N.D.	0.01%
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	253-037-1	N.D.	0.01%
167	1,3-propanesultone	1120-71-4	214-317-9	N.D.	0.01%
168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	206-801-3	N.D.	0.01%
169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	200-028-5	N.D.	0.01%
170	4,4'-isopropylidenediphenol (bisphenol A; BPA)	80-05-7	201-245-8	N.D.	0.01%
171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	335-76-2 3830-45-3 3108-42-7	206-400-3 - 221-470-5	N.D.	0.01%
172	p-(1,1-dimethylpropyl)phenol	80-46-6	201-280-9	N.D.	0.01%

Test Results: **Unit: %**

No.	Substance Name(s)	CAS No.	EC No.	Concentration	Report Limit
173	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]	-	-	N.D.	0.01%
174	Perfluorohexane-1-sulfonic acid and its salts (PFHxS)	-	-	N.D.	0.01%
175	4,4'-isopropylidenediphenol (bisphenol A; BPA)	80-05-7	201-245-8	N.D.	0.01%
176	Chrysene	218-01-9	205-923-4	N.D.	0.01%
177	Benz[a]anthracene	56-55-3	200-280-6	N.D.	0.01%
178	Cadmium nitrate	10325-94-7	233-710-6	N.D.	0.01%
179	Cadmium hydroxide	21041-95-2	244-168-5	N.D.	0.01%
180	Cadmium carbonate	513-78-0	208-168-9	N.D.	0.01%
181	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"TM) [covering any of its individual anti- and syn-isomers or any combination thereof]	-	-	N.D.	0.01%
182	Octamethylcyclotetrasiloxane (D4)	556-67-2	209-136-7	N.D.	0.01%
183	Decamethylcyclopentasiloxane (D5)	541-02-6	208-764-9	N.D.	0.01%
184	Dodecamethylcyclohexasiloxane (D6)	540-97-6	208-762-8	N.D.	0.01%
185	Lead	7439-92-1	231-100-4	N.D.	0.01%

Test Results: **Unit: %**

No.	Substance Name(s)	CAS No.	EC No.	Concentration	Report Limit
186	Disodium octaborate	12008-41-2	234-541-0	N.D.	0.01%
187	Benzo[ghi]perylene	191-24-2	205-883-8	N.D.	0.01%
188	Terphenyl hydrogenated	61788-32-7	262-967-7	N.D.	0.01%
189	Ethylenediamine (EDA)	107-15-3	203-468-6	N.D.	0.01%
190	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride) (TMA)	552-30-7	209-008-0	N.D.	0.01%
191	Dicyclohexyl phthalate (DCHP)	84-61-7	201-545-9	N.D.	0.01%
192	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	401-720-1	N.D.	0.01%
193	Benzo[k]fluoranthene	207-08-9	205-916-6	N.D.	0.01%
194	Fluoranthene	206-44-0	205-912-4	N.D.	0.01%
195	Phenanthrene	85-01-8	201-581-5	N.D.	0.01%
196	Pyrene	129-00-0	204-927-3	N.D.	0.01%
197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	15087-24-8	239-139-9	N.D.	0.01%
198	2-methoxyethyl acetate	110-49-6	203-772-9	N.D.	0.01%
199	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-	-	N.D.	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)	-	-	N.D.	0.01%
201	4-tert-butylphenol	98-54-4	202-679-0	N.D.	0.01%

Note:

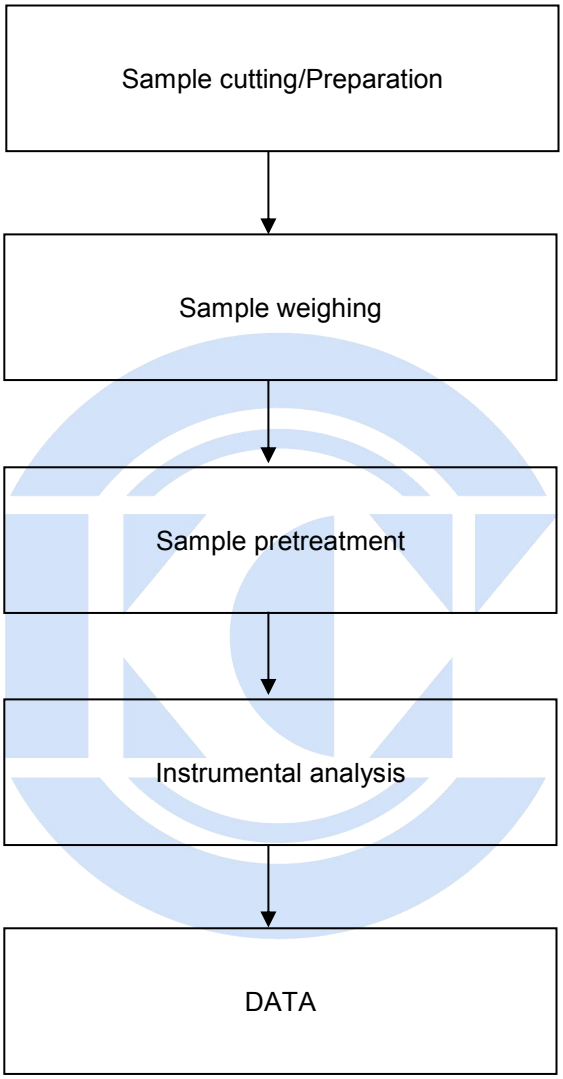
1. -w/w=weight by weight
2. -N.d.=Not Detected(<report limit)
3. -0.1%=1000mg/kg=1000 ppm
4. -PBT=Persistent,Bioaccumulative,Toxic;vPvB=very Persistent very Bioaccumulative
5. -▲=An equivalent level of concern as exerted by CMR or,PBT/vPvB substances.
6. - *: Concentration value of Cobalt dichloride;Diarsenic pentaoxide;Diarsenic trioxide;Sodium dichromate; Lead hydrogen arsenate;Triethyl arsenate;Strontium chromate;Sodium chromic;Potassium chromate; Ammonium dichromate;Potassium dichromate;Cobalt(Ⅱ) sulphate;Cobalt(Ⅱ) dinitrate;Cobalt(Ⅱ) Carbonate;Cobalt(Ⅱ) diacetate;Chromium tyioxide;Chromic acid,Dichromic acid,and Oligmers of chromic Acid and dihromic acid;Dichromium tris(chrimate);Potassium hydroxyoctaoxodizincatedichromate; Pentazinc chromate octahydroxide;Calcium arsenate;Trilead diarsenate;Arsenic acid; Lead dipicrate by The conversion form the test resullts of Tributyl Tins .
7. - **: All refractory ceramic fibres are covered by index number 650-017-00-8 in Annex VI of the Regulation on Classification, Labeling and Packaging of chemical substances and mixtures, the so called CLP Regulation(Regulation(EC)No 1272/2008).
8. - ***: C.I.: Colour Inder
9. - ****:Light fractions form distillation
10. - *****: Concentration value of Disodium tetraborate,anhydrous and Tetraboron disodium heptaoxide, hydrate is evaluated by Disodium tetraborate,with no consider of the hydrate.
11. - In view of the substances are established as UVCB substances (substances of unknown or variable composition,complex reaction products or biological materials) consisting of different and variable constituents,the test results are calculated based on the main constituents of the representative compounds for substances.
12. - In view of the substances contain variable substances, the test results are calculated based on main constituents of the representative compounds for the substances,and the test results of the representative compounds are calculated based on the result of specified heavy metal elements.
13. -Concentration value of Boric acid;Disodium tetraborate,anhydrous;Tetraboron disodium heptaoxide, hydrate are calculated by the conversion form the test results of certain elements and confirmed by appropriate solvent extraction,meanwhile the book of materials is suggested to be checked for further confirmation.

Remarks:

1.As the concentration of above substance that identified is based on the worst case scenario. Further investigation is required for confirmation of the presence of the substance in the sample.

2. The report limit is evaluated based on the representative substances.

Test Flow Chart



Appendix:

1. Any supplier of an article containing a substance that is included in the Candidate List in a concentration above 0,1 % weight (w/w) has the duty to communicate information in accordance with Article 33 of European Union regulation concerning the Registration,Evaluation,Authorization and Restriction of Chemicals(REACH).
   1) Any supplier shall provide the recipient of the article with sufficient information to allow safe use of the article including, as a minimum,the name of that substance.
   2) On request by a consumer any supplier shall provide the consumer with sufficient information to allow safe use of the article including,as a minimum,the name of that substance within 45 days of receipt of the request,free of charge.
2. The supplier of a substance that is included in the Candidate List on their own shall provide the recipient of the substance with a safety data sheet for free compiled in accordance with Article 33 and Annex II of REACH.
3. The supplier of a mixture that containing a substance that is included in the Candidate List Shall exchange information in accordance with Article 31,Article 32,and Annex II of REACH.
   1) Any supplier shall provide the recipient of the mixture with a safety data sheet for free where a preparation meets the criteria for classification as dangerous in accordance with Directives 1999/45/EC.
   2) Any supplier shall provide the recipient of the mixture with a safety data sheet for free where a preparation does not meet the criteria for classification as dangerous in accordance with Directive 1999/45/EC,but contains any substance that is included in the Candidate List if an individual concentration of≥0.1 % by weight for non gaseous mixtures or≥0.2 % by volume for gaseous mixtures.

Photo(s) of the sample(s)

EUT Photo 1

EUT Photo 2

EUT Photo 3

※※※※※ END OF REPORT ※※※※※