

DEVELOP ELECTRIC CO., LTD.

NO.2, LANE 513, WANGSING RD., YONGKANG CITY, TAINAN COUNTY 710,

TAIWAN (R.O.C.)

Report No.: KA/2007/C2760A-01

: 2008/01/02

Page : 1 of 7

) (BOJANI BOJI 188 HATIN 1881 NAKA KANILI BAJA NAKA HATIN HATIN KANILI BAJA KANILI NAKA KANILI NAKA KANILI KAN

The following sample(s) was/were submitted and identified by/on behalf of the client as:

Sample Description

UL DEV-300 DEV-600 VW-1 PVC 105°C E152386 DEVELOP LR77177 CAS

105°C NHS VW-1 PVC DEV-300DEV-600

COLOR

TRANSPARENT

Sample Receiving Date

2007/12/25

Testing Period

2007/12/25 TO 2008/1/2

Test Result(s)

- Please see the next page(s) -

Katherine Ho / Supervisor Signed for and on behalf of **SGS Taiwan Limited**

This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at www.sgs.com. Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, torgery or falsification of the content or appearance of this report is unlawful and othereders may be prosecuted to the fullest extent of the law. 此報告是遵循本公司打定之通用服務條款所製作發放,請注意此條款列印於背面,亦可在www.sgs.com中查閱。將本公司之義務,免責,管轄權管明確規範之。除非另有說明,此報告結果循對檢驗之樣品負責。本報告未經本公司哲面許可,不可部份複製。對本報告內容或外觀之任何未經授權之變更、偽造、貸改皆屬非法,違犯者將會被依法追訴。



DEVELOP ELECTRIC CO., LTD. NO.2, LANE 513, WANGSING RD., YONGKANG CITY, TAINAN COUNTY 710, TAIWAN (R.O.C.)

Report No.: KA/2007/C2760A-01

Date : 2008/01/02

Page : 2 of 7 THE REPORT OF THE PERSON WAS ALL REPORTS AND THE PERSON OF THE PERSON OF

Test Result(s)

PART NAME NO.1

UL DEV-300 DEV-600 VW-1 PVC 105°C E152386 DEVELOP LR77177 CAS 105°C NHS VW-1 PVC DEV-300DEV-600

Test Item (s)	Unit	Method	MDL	Result
restitem (s)	Unit	Meruod	MDL	No. 1
Cadmium (Cd)	mg/kg	With reference to IEC 62321, ED.1	2	n.d.
		(111/54/CDV). Determination of		}
		Cadmium by ICP-AES.		
Hexavalent Chromium Cr(VI) by	mg/kg	With reference to IEC 62321, Ed.1	2	n.d.
alkaline extraction		111/54/CDV. Determination of		
		Hexavalent Chromium for non-		
	l l	metallic samples by UV/Vis		ļ
		Spectrometry.		
Mercury (Hg)	mg/kg	With reference to IEC 62321, ED.1	2	n.d.
		(111/54/CDV). Determination of		Ī
		Mercury by ICP-AES.		
Lead (Pb)	mg/kg	With reference to IEC 62321, ED.1	2	n.d.
		(111/54/CDV). Determination of		ļ
		Lead by ICP-AES.		
Sum of PBBs				
Monobromobiphenyl			5	n.d.
Dibromobiphenyl			5	n.d.
Tribromobiphenyl			5	n.d.
Tetrabromobiphenyl	mg/kg	With reference to IEC 62321, ED.1 (111/54/CDV). Determination of	5	n.d.
Pentabromobiphenyl			5	n.d.
Hexabromobiphenyl		PBBs and PBDEs by GC/MS.	5	n.d.
Heptabromobiphenyl			5	n.d.
Octabromobiphenyl		2	5	n.d.
Nonabromobiphenyl			5	n.d.
Decabromobiphenyl			5	n.d.
Sum of PBDEs (Mono to			-	
Nona)(Note 4)				
Monobromodiphenyl ether	_	With reference to IEC 62321, ED.1 (111/54/CDV). Determination of PBBs and PBDEs by GC/MS.	5	n.d.
Dibromodiphenyl ether	_		5	<u>n.d.</u>
Tribromodiphenyl ether			5	n.d.
Tetrabromodiphenyl ether	mg/kg		5	n.d.
Pentabromodiphenyl ether			5	n.d.
Hexabromodiphenyl ether	_		5	n.d.
Heptabromodiphenyl ether	_		5	n.d.
Octabromodiphenyl ether	_		5	n.d.
Nonabromodiphenyl ether	_		5	n.d.
Decabromodiphenyl ether			5	n.d.
Sum of PBDEs (Mono to Deca)		L	-	n.d.

This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at www.sqs.com. Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. 此報告是遵循本公司訂定之通用服務條款所製作發放,請注意此條款列印於背面,亦可在www.sqs.com中查閱。將本公司之義務,免責,管轄權管明確規範之。除非另有說明,此報告結果權對檢驗之樣品負責。本報告未經本公司售面許可,不可部份複製。對本報告內容或外觀之任何未經授權之變更、偽造、寫改皆屬非法,違犯者將會被依法追訴。



DEVELOP ELECTRIC CO., LTD. NO.2, LANE 513, WANGSING RD., YONGKANG CITY, TAINAN COUNTY 710, TAIWAN (R.O.C.)

Report No.: KA/2007/C2760A-01

Date

: 2008/01/02

Page : 3 of 7

Test Item (s)	Unit	t Method	MDL	Result
	_ Onit		MIDE	No. 1
PCBs	mg/kg	With reference to US EPA 3540C.	0.5	n.d.
(Polychlorinated Biphenyls)		Analysis was performed by		
(CAS NO.: 001336-36-3)		GC/ECD.		<u> </u>
Polychlorinated Naphthalene	mg/kg	With reference to US EPA 3540C.	5	n.d.
		Analysis was performed by		
PCP	mg/kg	With reference to DIN 53313.	0.05	n.d.
(Pentachlorophenol)		Analysis was performed by		
(CAS NO.: 004901-51-3)		GC/ECD.		
PCTs	mg/kg	With reference to US EPA 3540C.	0.5	n.d.
(Polychlorinated Terphenyls)		Analysis was performed by		<u> </u>
Mirex	mg/kg	With reference to US EPA 3540C.	4	n.d.
(CAS NO.: 002385-85-5)		Analysis was performed by		
TBBP-A-BIS	mg/kg	With reference to US EPA 3540C.	5	n.d.
(CAS NO.: 21850-44-2)		Analysis was performed by GC/MS.		L
Asbestos				
Anthrophyllite	%	As per NIOSH 9000 method.	1	Negative
(CAS NO.017068-78-9)		Analysis was performed by XRD.		
Crocidolite	%	As per NIOSH 9000 method.	1	Negative
(CAS NO.012001-28-4)		Analysis was performed by XRD.		
Amosite	%	As per NIOSH 9000 method.	1	Negative
(CAS NO.012172-73-5)		Analysis was performed by XRD.		<u></u>
Tremolite	%	As per NIOSH 9000 method.	1	Negative
(CAS NO.014567-73-8)		Analysis was performed by XRD.		
Chrysotile	%	As per NIOSH 9000 method.	1	Negative
(CAS NO.012001-29-5)		Analysis was performed by XRD.		
Actinolite	%	As per NIOSH 9000 method.	1	Negative
(CAS NO.013768-00-8)		Analysis was performed by XRD.		_
Chlorinated Paraffin	%	With reference to US EPA 3540C.	0.01	n.d.
(C10~C13)		Analysis was performed by		
(CAS NO.: 010871-26-2)		GC/ECD.		1
Organic-TIN compounds				
Tributyl Tin(TBT)	mg/kg	With reference to DIN 38407-13.	0.03	n.d.
(CAS NO.: 000688-73-3)		Analysis was performed by		}
Triphenyl Tin(TphT)	mg/kg	With reference to DIN 38407-13.	0.03	n.d.
(CAS NO.: 000668-34-8)		Analysis was performed by		

This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at www.sgs.com. Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, torgery or faistification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. 此報告是遵循本公司訂定之通用服務條款所製作發放,讀注意此條款列印於背面,亦可在www.sgs.com中查閱。將本公司之義務,免費、管轄權皆明確規範之。除非另有說明,此報告結果僅對檢驗之樣品負責。本報告未經本公司售面許可,不可部份複製。對本報告內容或外觀之任何未經授權之變更、偽造、實改皆屬非法,違犯者將會被依法追訴。



DEVELOP ELECTRIC CO., LTD. NO.2, LANE 513, WANGSING RD., YONGKANG CITY, TAINAN COUNTY 710, TAIWAN (R.O.C.)

Report No.: KA/2007/C2760A-01

Date : 2008/01/02 Page : 4 of 7

I HOUSE THE REPORTED HOUSE CONTRIBUTION IS NOT AND HOUSE HOUSE COURT IN THE FOR

Test Item (s)	Unit	Method	MDL	Result No. 1	
AZO				NO. I	
1):4-AMINODIPHENYL	mg/kg	With reference to LMBG 82.02-2.	3	n.d.	
(CAS NO.92-67-1)		Analysis was performed by GC/MS.		11.44	
2):BENZIDINE	mg/kg	With reference to LMBG 82.02-2.	3	n.d.	
(CAS NO.92-87-5)		Analysis was performed by GC/MS.			
3):4-CHLORO-O-TOLUIDINE	mg/kg	With reference to LMBG 82.02-2.	3	n.d.	
(CAS NO.95-69-2)		Analysis was performed by GC/MS.			
4):2-NAPHTHYLAMINE	mg/kg	With reference to LMBG 82.02-2.	3	n.d.	
(CAS NO.91-59-8)	0 0	Analysis was performed by GC/MS.		111-150	
5):O-AMINO-AZOTOLUENE	mg/kg	With reference to LMBG 82.02-2.	3	n.d.	
(CAS NO.97-56-3)	0 0	Analysis was performed by GC/MS.		7,1	
6):2-AMINO-4-NITROTOLUENE	mg/kg	With reference to LMBG 82.02-2.	3	n.d.	
(CAS NO.99-55-8)		Analysis was performed by GC/MS.		20	
7):P-CHLOROANILINE	mg/kg	With reference to LMBG 82.02-2.	3	n.d.	
(CAS NO.106-47-8)		Analysis was performed by GC/MS.		20	
8):2,4-DIAMINOANISOLE	mg/kg	With reference to LMBG 82.02-2.	3	n.d.	
(CAS NO.615-05-4)		Analysis was performed by GC/MS.		503	
9):4,4-	mg/kg	With reference to LMBG 82.02-2.	3	n.d.	
DIAMINODIPHENYLMETHANE		Analysis was performed by GC/MS.		***	
10):3,3-DICHLOROBENZIDINE	mg/kg	With reference to LMBG 82.02-2.	3	n.d.	
(CAS NO.91-94-1)		Analysis was performed by GC/MS.		ж:	
11):3,3-DIMETHOXYBENZIDINE	mg/kg	With reference to LMBG 82.02-2.	3	n.d.	
(CAS NO.119-90-4)		Analysis was performed by GC/MS.			
12):3,3-DIMETHYLBENZIDINE	mg/kg	With reference to LMBG 82.02-2.	3	n.d.	
(CAS NO.119-93-7)		Analysis was performed by GC/MS.		n.	
13):3,3-DIMETHYL-	mg/kg	With reference to LMBG 82.02-2.	3	n.d.	
4,4-DIAMINODIPHENYLMETHA		Analysis was performed by GC/MS.		***	
(CAS NO.838-88-0)					
14):P-CRESIDINE	mg/kg	With reference to LMBG 82.02-2.	3	n.d	
(2-METHOXY-5-METHYLANILINE)		Analysis was performed by GC/MS.		v.	
(CAS NO.120-71-8)		9			
15):4,4-METHYLENE-BIS-	mg/kg	With reference to LMBG 82.02-2.	3	n.d.	
(2-CHLORANILINE)		Analysis was performed by GC/MS.		×:	
(CAS NO.101-14-4)					
16):4,4-OXYDIANILINE	mg/kg	With reference to LMBG 82.02-2.	3	n.d.	
(CAS NO.101-80-4)		Analysis was performed by GC/MS.			

This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at www.sgs.com. Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. 此報告是遵循本公司訂定之通用服務條款所製作發放,請注意此條款列印於背面,亦可在www.sgs.com中查閱。將本公司之義務,免責。管轄權皆明確規範之。除非另有說明。此報告結果僱對檢驗之樣品負責。本報告未經本公司舊面許可,不可部份複製。對本報告內容或外觀之任何未經授權之變更、僞造、寬改皆屬非法,違犯者將會被依法追訴。



DEVELOP ELECTRIC CO., LTD. NO.2, LANE 513, WANGSING RD., YONGKANG CITY, TAINAN COUNTY 710, TAIWAN (R.O.C.)

Report No.: KA/2007/C2760A-01

: 2008/01/02 Date

I TABLEST BON HET KERDE MON BETS BON MAG KARTAL SOG HOM MAN DE ETTER FOLKER BANK MAN MAN

Page : 5 of 7

			S DESTRICTION REPORT OF STREET	TO BE AND AND WAY THE TANK TO THE TOTAL TO T
Test Item (s)	Unit	Method	MDL	Result No. 1
17):4,4-THIODIANILINE	mg/kg	With reference to LMBG 82.02-2.	3	n.d.
(CAS NO.139-65-1)		Analysis was performed by GC/MS.		
18):O-TOLUIDINE	mg/kg	With reference to LMBG 82.02-2.	3	n.d.
(CAS NO.95-53-4)		Analysis was performed by GC/MS.		
19):2-4-TOLUYLENDIAMINE	mg/kg	With reference to LMBG 82.02-2.	3	n.d.
(CAS NO.95-80-7)		Analysis was performed by GC/MS.		102
20):2,4,5-TRIMETHYLANILINE	mg/kg	With reference to LMBG 82.02-2.	3	n.d.
(CAS NO.137-17-7)		Analysis was performed by GC/MS.		
21):O-ANISIDINE	mg/kg	With reference to LMBG 82.02-2.	3	n.d.
(CAS NO.90-04-0)		Analysis was performed by GC/MS.		
22):P-AMINOAZOBENZENE	mg/kg	With reference to LMBG 82.02-Z.	3	n.d.
(CAS NO.60-09-3)		Analysis was performed by GC/MS.		^:
23):2,4-XYLIDINE	mg/kg	With reference to LMBG 82.02-2.	3	n.d.
(CAS NO.95-68-1)		Analysis was performed by GC/MS.		, , ,
24):2,6-XYLIDINE	mg/kg	With reference to LMBG 82.02-2.	3	n.d.
(CAS NO.87-62-7)		Analysis was performed by GC/MS.		

Note:

- 1. mg/kg = ppm
- 2. n.d. = Not Detected
- 3. MDL = Method Detection Limit
- 4. According to 2005/717/EC DecaBDE is exempt.
- 5. " --- " = Not Conducted
- 6. The MDL is 5ppm for the single compound of CP

This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at www.sgs.com.
Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, torgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. 此報告是遵循本公司訂定之通用服務條款所製作發放,請注意此條款列印於背面,亦可在www.sgs.com中查閱。將本公司之義務,免責,管轄權皆明確規範之。除非另有說明,此報告結果僅對檢驗之樣品負責。本報告未經本公司普面許可,不可部份複製。對本報告內容或外觀之任何未經授權之變更、僞造、寬改皆屬非法,違犯者將會被依法追訴。



DEVELOP ELECTRIC CO., LTD. NO.2, LANE 513, WANGSING RD., YONGKANG CITY, TAINAN COUNTY 710, TAIWAN (R.O.C.)

Report No.: KA/2007/C2760A-01

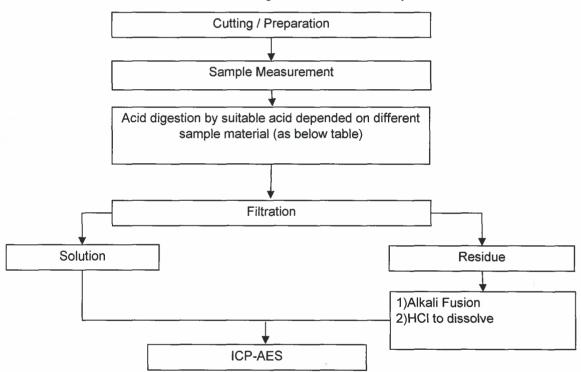
Date

: 2008/01/02

Page : 6 of 7

- 1) These samples were dissolved totally by pre-conditioning method according to below flow chart.
- 2) Name of the person who made measurement: Hungming Li
- Name of the person in charge of measurement: George Huang 3)

Method 1: Flow Chart of Digestion for Cd . Pb analysis



Steel, copper, aluminum, solder	Aqua regia, HNO ₃ , HCl, HF, H ₂ O ₂
Glass	HNO ₃ /HF
Gold, platinum, palladium, ceramic	Aqua regia
Silver	HNO₃
Plastic	H ₂ SO ₄ , H ₂ O ₂ , HNO ₃ , HCI
Others	Any acid to total digestion

This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at <a href="https://www.sgs.com.new.gov/ww



DEVELOP ELECTRIC CO., LTD. NO.2, LANE 513, WANGSING RD., YONGKANG CITY, TAINAN COUNTY 710, TAIWAN (R.O.C.)

Report No.: KA/2007/C2760A-01

: 2008/01/02 Date

Page : 7 of 7

T PROTEIT AND THE THEORY WELL BEIGH BORN FOR HICKORY THE WELL BANK BORN COLUMEN FOR THE TREE



** End of Report **

This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at <a href="https://www.sqs.com.new.go.com.