

Test Report

NO .: ASZ0804020201C

on you you you you you you Date: Apr 12, 2008

now how how how

Customer: ELMARK INDUSTRIES SC

Address: 2 "DOBRUDJA" BOULEVARD DOBRICH, BULGARIA

Report on the submitted sample said to be

Sample name: Thermal overload relay

Model: LT2-E1301, 02, 03, 04, 05, 06, 07, 08, 10, 12, 14, 16, 21, 22, 53 E2353, 55, E3355, 57, 59, 63, 65

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Manufacturer: /

Sample received date: Apr 02, 2008

Testing period: From Apr 02, 2008 to Apr 07, 2008

Testing Requested

As specified by client, to determine the Lead, Cadmium, Mercury, Hexavalent Chromium, PBB & PBDE content in the submitted sample in accordance with Directive 2002/95/EC (RoHS)

Testing method:

With reference to IEC 62321, 111/95/CDV

Testing Item	Pretreatment method	Measuring instrument	MQL
Lead (Pb)	IEC 62321, section 8/9	ICP-OES	2mg/kg
Cadmium (Cd)	IEC 62321, section 8/9	ICP-OES	2 mg/kg
Mercury (Hg)	IEC 62321, section 7	CV-AAS	2 mg/kg
Chromium (Cr VI)	IEC 62321, Annex B/C	UV-VIS	2 mg/kg 0.02 mg/kg*
PBBs/ PBDEs	IEC 62321, Annex A	GC-MS	5 mg/kg

Note:

- * 0.02 mg/kg refers to the MQL of sample extraction liquid

Conclusion:

-When tested as specified the submitted sample complied with the requirements of commission Decision of 18 Aug 2005 amending Directive 2002/95/EC notified under document 2005/618/EC

REFER TO THE FOLLOWING PAGE(S)******

Signed for AOV Ltd

Written by

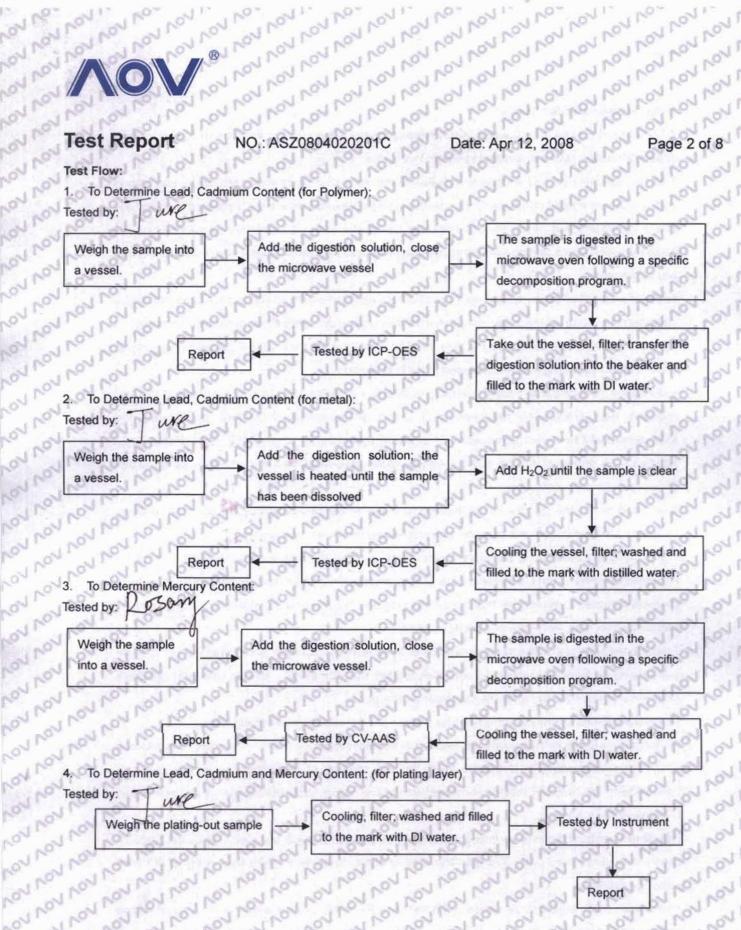
Inspected by

Approved by

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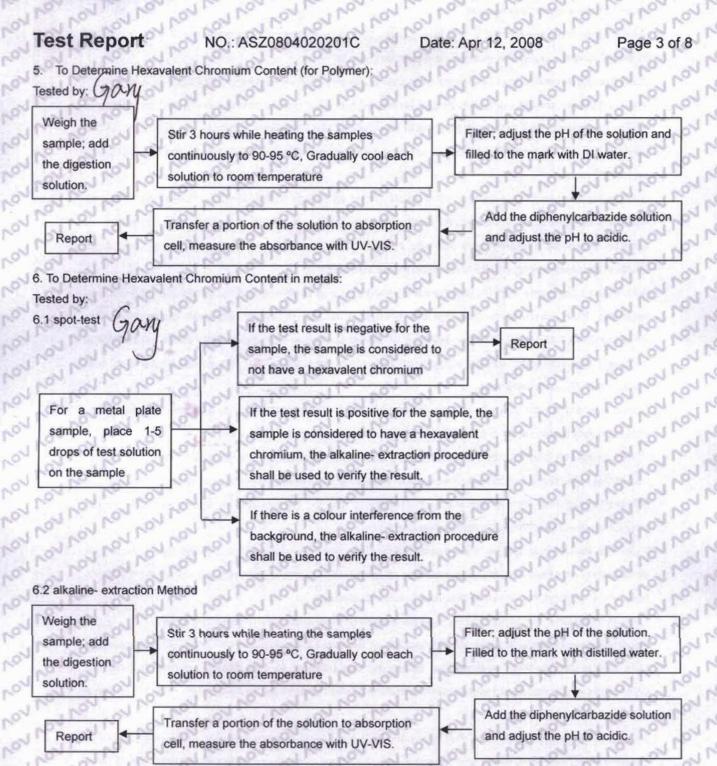
AOV Testing Technology Co., Ltd.





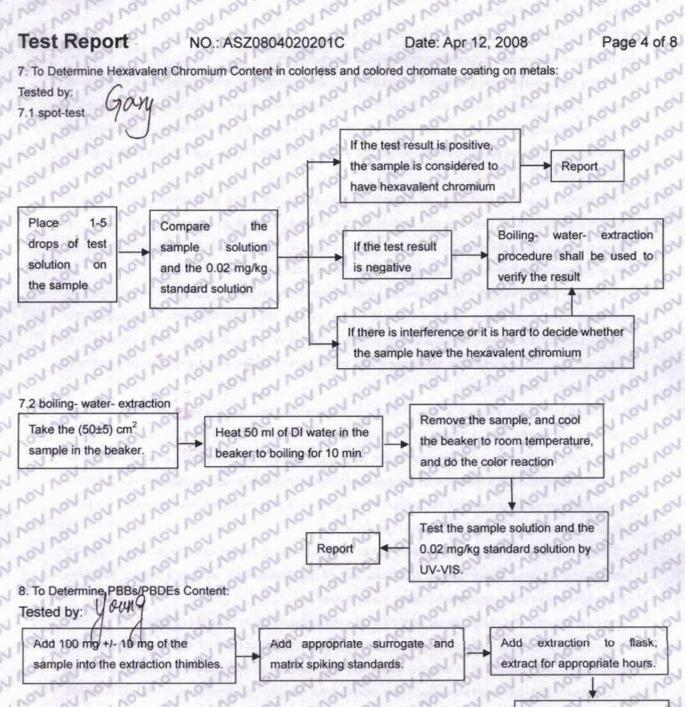
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Test by GC-MS

Collect extract, filled to

the mark with solvent.

Report



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Test Report	OTO	NO.: ASZ	080402020	1C	Date: Apr	12, 2008	rov Pa	ge 5 of 8
Test Results:	07 00	1 Lan Lon	LOV W	Lon Lon	I NON	W LOW HOW	Lalka	VON VO
Item	Unit	RoHS Limit	101	2 01	3 0	4 10	5	NON NO
Lead (Pb)	mg/kg	1000	N.D.	N.D.	67.1	214.1	17.7	NONIT
Cadmium (Cd)	mg/kg	100	N.D.	N.D.	N.D.	6.1	N.D.	WI No
Mercury (Hg)	mg/kg	1000	N.D.	N.D.	N.D.	N.D.	N.D.	Lo Vo
Chromium(CrVI) by spot test	on No.	Lay Loy	LON LON	Negative	Negative	Negative	Negative	NON NO
Chromium(CrVI) by boiling water extraction	ON NO	Lon Lon	NON NON	10010	or route	LON LON	KON VON	NON NO
Chromium (CrVI)	mg/kg	1000	N.D.	N.D.	N.D.	N.D.	N.D.	WAY LO
" Lo OI	100	LEGI CO	VO. 101	10	The work	271	No. Now	W No
Item	Unit	RoHS Limit	6	7	8	9	NOW and	Nº 25
Lead (Pb)	mg/kg	1000	N.D.	125.4	N.D.	N.D.	MINO	LON
Cadmium (Cd)	mg/kg	100	N.D.	N.D.	N.D.	N.D.	La Von	210
Mercury (Hg)	mg/kg	1000	N.D.	N.D.	N.D.	N.D.	CON CN	No No
Chromium(CrVI)	9	1 200	Negative	Negative	Negative	Negative	M	NON.

Chromium (CrVI)) mg/kg	1000	N.D.	N.D.	N.D.	N.D.	N.D.
	P PAY	L D-UCLIAN	Un long	7 1	10-04 P	Iwi or	Lon
Item	Unit	RoHS Limit	6	D. C. C.	8 8	9	NO ON THE
Lead (Pb)	mg/kg	1000	N.D.	125.4	N.D.	N.D.	" ML IVON
Cadmium (Cd)	mg/kg	100	N.D.	N.D.	N.D.	N.D.	No Lon
Mercury (Hg)	mg/kg	1000	N.D.	N.D.	N.D.	N.D.	Lo VON MI
Mercury (Hg) Chromium(CrVI) by spot test	12016	LON LON	Negative	Negative	Negative	1 TOGGGGVO	24C-M
Chromium(CrVI)	LING	LOW W	PROVI	1	A NE	Negative	No NOW W
by boiling water	MON NO	LON LON	LON LON!	NON	NON NO	I VOY VO	d overleaf or attached. sample(s) are retained Company.
Chromium (CrVI)) mg/kg	1000	N.D.	N.D.	N.D.	1000	No ven en
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Test Report	ON	NO.: ASZ0804	0201C Date: Apr 12, 2008	Page 6 of 8
01 100	ON	Low Control	0201C Date: Apr 12, 2008	on house
Flame Retardants	Unit	RoHS Limit	PA LON LON LON LON LON L	on to have on to
PBBs	mg/kg	1000	DAL MONION LON LON LON LON L	Thomas I ha
MonoBB	mg/kg	W11 NO	DITO LOU WILD LOU	DO NOW WY NO NO
DIBB	mg/kg	10 10	D. Loy on to Vey on Lo	on on he how
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PentaBB	mg/kg	W17 10	DITO NO NICON TIL	on all was
HexaBB	mg/kg	P OF ON	D. 10 10 10 10 01 01	on any work
HeptaBB	mg/kg	100 - 100 F	D. ON MINON ON PONTON	ON LOW WON L
OctaBB	mg/kg	20 14 Pa	DI WAS LON IN LON YOU	My Low work
NonaBB	mg/kg	W17 100	DITO LON WIND LON OIL	on who is
DecaBB	mg/kg	1 P 0	D. 102 01 12 100 01 101	on on he how
PBDEs	mg/kg	1000	and I have not be ton	ON IND ON
MonoBDE	mg/kg	LON LA FO	D. NAO VON WILL VON	Mrs. von whe
DIBDE	mg/kg	WIT NO	DILO KON ON NO KON ON I	O LON ON IN INC
TriBDE	mg/kg	The of	D. 10 May 100 Colle	on on who
TetraBDE	mg/kg	10 10	D. Ol LICO COL LICO	an I No von
PentaBDE	mg/kg	TON IN PO	D. New You Who You	MU LON WILL
HexaBDE	mg/kg	W17 10	DIL LON ON LON LON	on hon hon hon he
HeptaBDE	mg/kg	I P	.D, D.	on bon bon bon bon bon bon bon bon bon b
OctaBDE NonaBDE	mg/kg	Non PALO	D. ON THO ROLL TO	المور مم الم
NonaBDE DecaBDE	mg/kg	May 121 No	D. Who you who you	on bon bon bon bon bon bon bon bon bon b
DecaBDE	mg/kg	1 Kon Von Von	D*10 -07 110 -07 11	1 N -1

Specimen Description:

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Specimens, which requested to determine Cadmium, Mercury and Lead Content, have been dissolved completely.

- -mg/kg=ppm
- N.D.=not detected(<MQL)
- MQL=Method Quantitation Limit
- Spot-test:
- Negative=Absence of Cr(VI)
- *(Deca BDE) In polymeric applications is exempted by commission Decision of 13 Oct 2005 amending directive 2002/95/EC notified under document 2005/717/EC

(The tested sample should be further verified by boiling-water-extraction method if the spot test result is uncertain or negative.)

Photo is included

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Test Report

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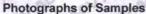
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Thermal overload relay

End of Report***

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