

Test Report No. : CE/2009/22580 Date : 2009/02/18 Page: 1 of 3

RECOM DEVELOPMENT & TRADING GMBH & CO KG TECHNOLOGIEZENTRUM SALZKAMMERGUT KROTTENSEESTRASSE 45 4810 GMUNDEN AUSTRIA

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

Sample Description	:	DC / DC CONVERTER
Style/Item No.	:	RP30-F, RP30-FW SERIES
Sample Receiving Date	:	2009/02/11
Testing Period	:	2009/02/11 TO 2009/02/18

Test Requested	:	In accordance with the RoHS Directive 2002/95/EC, and its amendment directives.	
Test Method	:	With reference to IEC 62321: 2008 Procedures for the Determination of Levels of Regulated Substances in Electrotechnical Products.	
		 Determination of Cadmium by ICP-AES. Determination of Lead by ICP-AES. 	
		(3) Determination of Mercury by ICP-AES.	
		(4) Determination of Hexavalent Chromium by UV/Vis Spectrometry.	
		(5) Determination of PBB and PBDE by GC/MS.	

Test Result(s) : Please refer to next page(s).

Chenyu Kung / Operation Manager Signed for and on behalf of SGS TAIWAN LTD. Chemical Laboratory – Taipei

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.除非另有說明,此報告結果僅對測試之樣品負責。本報告未經本公司書面許可,不可部分複製。 This Test Report is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this Test Report is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Test Report No. : CE/2009/22580 Date : 2009/02/18 Page: 2 of 3

RECOM DEVELOPMENT & TRADING GMBH & CO KG TECHNOLOGIEZENTRUM SALZKAMMERGUT KROTTENSEESTRASSE 45 4810 GMUNDEN AUSTRIA

Test results by chemical method (Unit: mg/kg)

Test Item (s):	Method	Result	MDI	
Test Item (s):	(Refer to)	No.1	MDL	
Cadmium (Cd)	(1)	n.d.	2	
Lead (Pb)	(2)	7	2	
Mercury (Hg)	(3)	n.d.	2	
Hexavalent Chromium Cr(VI) by alkaline extraction	(4)	n.d.	2	
Sum of PBBs		n.d.	-	
Monobromobiphenyl		n.d.	5	
Dibromobiphenyl		n.d.	5	
Tribromobiphenyl		n.d.	5	
Tetrabromobiphenyl		n.d.	5	
Pentabromobiphenyl		n.d.	5	
Hexabromobiphenyl		n.d.	5	
Heptabromobiphenyl		n.d.	5	
Octabromobiphenyl		n.d.	5	
Nonabromobiphenyl		n.d.	5	
Decabromobiphenyl	(5)	n.d.	5	
Sum of PBDEs	(5)	n.d.	-	
Monobromodiphenyl ether		n.d.	5	
Dibromodiphenyl ether		n.d.	5	
Tribromodiphenyl ether		n.d.	5	
Tetrabromodiphenyl ether		n.d.	5	
Pentabromodiphenyl ether		n.d.	5	
Hexabromodiphenyl ether		n.d.	5	
Heptabromodiphenyl ether		n.d.	5	
Octabromodiphenyl ether		n.d.	5	
Nonabromodiphenyl ether		n.d.	5	
Decabromodiphenyl ether		n.d.	5	

TEST PART DESCRIPTION: :

NO.1

MIXED ALL PARTS

Note : 1. mg/kg = ppm; 0.1wt% = 1000ppm

- 2. n.d. = Not Detected
- 3. MDL = Method Detection Limit
- 4. "-" = Not Regulated
- 5. 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.

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.除非另有說明,此報告結果僅對測試之樣品負責。本報告未經本公司書面許可,不可部分複製。 This Test Report is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at

http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this Test Report is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Test Report No. : CE/2009/22580 Date : 2009/02/18 Page : 3 of 3

RECOM DEVELOPMENT & TRADING GMBH & CO KG TECHNOLOGIEZENTRUM SALZKAMMERGUT KROTTENSEESTRASSE 45 4810 GMUNDEN AUSTRIA



** End of Report **

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.除非另有說明,此報告結果僅對測試之樣品負責。本報告未經本公司書面許可,不可部分複製。 This Test Report is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at <u>http://www.sgs.com/terms_and_conditions.htm.</u> Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this Test Report is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's fordings at the time of the attensaction form exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd.

No. 33 Wu Chyuan Road, Wuku Industrial Zone, Taipei County, Taiwan / 台北縣五股工業區五權路33號 t (886-2) 2299-3939 f (886-2) 2299-3237 www.tw.sgs.com

Member of the SGS Group