



Ref. Certif. No.

JPTUV-014544-M1

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST
CERTIFICATES FOR ELECTRICAL EQUIPMENT
(IECEE) CB SCHEME

SYSTEME CEI D'ACCEPTATION MUTUELLE DE
CERTIFICATS D'ESSAIS DES EQUIPEMENTS
ELECTRIQUES (IECEE) METHODE OC

CB TEST CERTIFICATE *CERTIFICAT D'ESSAI OC*

Product
Produit

LCD Monitor

Name and address of the applicant
Nom et adresse du demandeur

Top Victory Electronics (Taiwan) Co., Ltd.
10F., No. 230, Liancheng Rd.
Zhonghe City, Taipei County 23553 Taiwan

Name and address of the manufacturer
Nom et adresse du fabricant

Top Victory Electronics (Taiwan) Co., Ltd.
10F., No. 230, Liancheng Rd.
Zhonghe City, Taipei County 23553 Taiwan

Name and address of the factory
Nom et adresse de l'usine

(See appendix for factories information)

Rating and principal characteristics
Valeurs nominales et caractéristiques principales

AC 100-240V; 50/60Hz; 1.5A or 0.6-0.4A; 34W; Class I

Trade mark (if any)
Marque de fabrique (si elle existe)

MITSUBISHI

Model type Ref.
Ref. de type

L174F1

Additional information (if necessary)
Information complémentaire (si nécessaire)

Re-issue of JPTUV-014544 dated 26.04.2006,
due to first modification.

A sample of the product was tested and found
to be in conformity with
Un échantillon de ce produit a été essayé et a été
considéré conforme à la

IEC 60950-1:2001
National differences see test report

As shown in the Test Report Ref. No. which forms part
of this Certificate
Comme indiqué dans le Rapport d'essais numéro de
référence qui constitue une partie de ce Certificat

11006763 002

This CB Test Certificate is issued by the National Certification Body
Ce Certificat d'essai OC est établi par l'Organisme National de Certification



TÜV Rheinland Group

TÜV Rheinland Japan Ltd.
Shin Yokohama Daini Center Bldg.
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Mail: info@jpn.tuv.com
Web: www.tuv.com

Date: 13.10.2006

Signature:

Dipl.-Ing. W. Hsu

Appendix to CB Certificate JPTUV-014544-M1
Report Number: 11006763 002

PAGE 1 OF 2

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Name and address of the factory(ies)

Philips Consumer Electronics Co. of Suzhou Ltd.

No. 161, Zhujiang Road
New District Suzhou Jiangsu
Suzhou 215011, P.R. China

Top Victory Electronics (Fujian) Co., Ltd.

Yuan Hong Rd., Sung-Zheng, Hong-Lu
Fuqing, Fujian
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TPV Technology (Beijing) Co., Ltd.

No. 10, Jiu Xian Qiao Rd.
Chao Yang District, Beijing 100016
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Tatung Mexico S.A. de. C.V. Av. Fuentes Sur. No. 7050,

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Cd. Juarez. Chih., CP.32320
MEXICO

TPV Display Technology (Wuhan) Co., Ltd.

ZhuanKou Section
Wuhan Economic & Tech. Develop. Zone
Wuhan City 430056, P.R. China

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(See appendix for factories information)

Rating and principal characteristics
Valeurs nominales et caractéristiques principales

AC 100-240V; 50/60Hz; 1.5A or 0.6-0.4A; Class I

Trade mark (if any)
Marque de fabrique (si elle existe)

NEC

Model/type Ref.
Ref. de type

L174F1

Additional information (if necessary)
Information complémentaire (si nécessaire)

Re-issue of JPTUV-014541 dated 26.04.2006,
due to first modification.

A sample of the product was tested and found
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Un échantillon de ce produit a été essayé et a été
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National differences see test report

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TEST REPORT IEC 60950-1 and/or EN 60950-1 Information technology equipment – Safety – Part 1: General requirements	
Report reference No	11006763 002
Tested by (printed name and signature)	<i>Johnny Chan</i>
Approved by (printed name and signature)	<i>Simon Yu</i>
Date of issue	October 12, 2006
Testing Laboratory Name	TÜV Rheinland Taiwan Ltd., Taichung Laboratory
Address	10F, No. 219, Min-Chuan Road, Taichung 403, Taiwan
Testing location	CBTL ☒ CCATL ☐ SMT ☐ TMP ☐
Address	Same as above
Applicant's Name	Top Victory Electronics (Taiwan) Co., Ltd.
Address	10F., No. 230, Liancheng Rd., Zhonghe City, Taipei County 23553 Taiwan
Test specification	
Standard	IEC 60950-1:2001 EN 60950-1:2001+A11: 2004
Test procedure	CB- scheme
Non-standard test method	N.A.
Test Report Form No.	IECEN60950_1B
TRF originator	SGS Fimko Ltd.
Master TRF	dated 2003-03
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Test item description	LCD Monitor
Trademark	NEC, MITSUBISHI
Manufacturer	Same as applicant
Model and/or type reference	L174F1
Serial number	No sample required
Rating(s)	100-240V~, 50/60Hz, 1.5A or 0.6-0.4A

Particulars: test item vs. test requirements

Equipment mobility : Movable equipment
Operating condition..... : Continuous
Mains supply tolerance (%) : $\pm 10\%$
Tested for IT power systems : Yes (Norway)
IT testing, phase-phase voltage (V) : IT, 230V for Norway
Class of equipment : Class I
Mass of equipment (kg) : 4.28
Protection against ingress of water : IPX0

Test case verdicts

Test case does not apply to the test object : N/A
Test item does meet the requirement : P(ass)
Test item does not meet the requirement : F(ail)

Testing

Date of receipt of test item : N/A
Date(s) of performance of test : N/A

General remarks

"This report is not valid as a CB Test Report unless appended by an approved CB Testing Laboratory and appended to a CB Test Certificate issued by an NCB in accordance with IEC 60950-1".

The test result presented in this report relate only to the object(s) tested.

This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.

"(see Enclosure #)" refers to additional information appended to the report.

"(see appended table)" refers to a table appended to the report.

Throughout this report a point is used as the decimal separator.

Comments:

Summary of compliance with National Differences (for explanation of codes see below):

AR, AT, AU, BE, CH, DE, DK, FI, FR, GB, GR, HU, IL, IN, IT, KR, MY, NL, NO, PL, SE, SG, SI

AR=Argentina, AT=Austria, AU=Australia, BE=Belgium, CA=Canada, CH=Switzerland, CN=China, DE=Germany, DK=Denmark, FI=Finland, FR=France, GB=United Kingdom, GR=Greece, HU=Hungary, IL=Israel, IN=India, IT=Italy, KE=Kenya, KR=Korea, MY=Malaysia, NL=The Netherlands, NO=Norway, PL=Poland, SE=Sweden, SG=Singapore, SI=Slovenia, SK=Slovakia, US=United States of America.

Factory:

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2. **TPV Technology (Beijing) Co., Ltd.**
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History of amendments and modifications:

Ref. No. 11006763 001 dated April 26, 2006 (original test report)

Ref. No. 11006763 002 dated October 12, 2006 (modification)

General product information:

Description of change(s):

1. Add an alternative source of LCD panel in table 1.5.1.
2. Add alternative source of Optocoupler (IC 902) in table 1.5.1.
3. Add and change factories as above.

For the above described change(s) the following was considered to be necessary:

Change	Testing	Comments
1.	• N/A	Same size of LCD panel as original used. For source see appended table 1.5.1.
2.	• N/A	VDE approved component with some rating used. For source see appended table 1.5.1 for details.
3	• N/A	No safety impact. No further test necessary.

1.5.1	TABLE: list of critical components					P
Object/part no.	Manufacturer/ trademark	Type/model	Technical data	Standard	Mark(s) of conformity ^{1.}	
LCD Panel	LG.PHILIPS	LM170E03	17.0", TFT type	--	--	
Optocoupler (IC902)	Everlight Electronics Co., Ltd.	EL817	di = 0.7mm, int. dcr. = 4.7mm, ext. dcr. = 7.6mm, 3000Vac, min. 100°C	DIN/EN 60747-5- 2: 2003 IEC/EN 60950-1	VDE, UL	