

IEC SYSTEM FOR CONFORMITY TESTING
AND CERTIFICATION OF ELECTRICAL
EQUIPMENT (IECEE)
CB SCHEME

SYSTÈME CEI D'ESSAIS DE CONFORMITÉ
ET DE CERTIFICATION DES ÉQUIPEMENTS
ÉLECTRIQUE (IECEE)
METHODE OC

CB TEST CERTIFICATE CERTIFICAT D'ESSAI OC

Product

Produit

Name and address of the applicant

Nom et adresse du demandeur

Name and address of the manufacturer

Nom et adresse du fabricant

Name and address of the factory

Nom et adresse de l'usine

Rating and principal characteristics

Valeurs nominales et caractéristiques principales

Trade mark (if any)

Marque de fabrique (si elle existe)

Model/type Ref.

Ref. de type

Additional information (if necessary)

Information complémentaire (si nécessaire)

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*

as shown in the Test Report Ref. No.

which form part of this certificate

*comme indiqué dans le Rapport d'essais numéro
de référence*

qui constitue une partie de ce certificat

This CB Test Certificate is issued by the National Certification Body

Ce Certificat d'essai OC est établi par l'Organisme National de Certification

Notebook PC

Wistron Corporation
21F, 88, Sec. 1, Hsin Tai Wu Rd.
HSICHIH, TAIPEI HSIEN 221, TAIWAN, R.O.C.

Wistron Corporation
21F, 88, Sec. 1, Hsin Tai Wu Rd.
HSICHIH, TAIPEI HSIEN 221, TAIWAN, R.O.C.

(See appendix for factories information)

Input rating : DC 19V, 3.42A
Protection class : III

Acer

MS2103
MS2110

Remark : Replaces JPTUV-003508 dated 26.10.2001, due to
first modification.

PUBLICATION

EDITION

IEC 60950:1991 + A1 + A2 + A3 + A4
inclusive CENELEC Common Modifications
National differences see test report

12001138 002



TÜV Rheinland Japan Ltd.
3-19-5 Shin-Yokohama
222-0033 Japan

Date 23.01.2002

Signature

M. Lechtermann
Dipl.-Ing. M. Lechtermann

Appendix to CB Certificate JPTUV-003508-M1
Report Number: 12001138 002

Name and address of the manufacturer

Wistron Corporation
21F, 88, Sec. 1, Hsin Tai Wu Rd.
Hsichih, Taipei Hsien 221
Taiwan, R.O.C.

Name and address of the factory(ies)

Beijing Acer Information

- 4-5F, No.7, 6th Street
ShangDi Hi-tech Industrial Zone
HaiDian District, Beijing
P.R. China

Acer Information Services

2F C Building, Xinye Rd.
Torch Export Processing District
Zhongshan, Guangdong
P.R. China

Wistron Corporation

7, Hsin Ann Road
Hsinchu Science-Based Ind. Park
Hsinchu 300
Taiwan, R.O.C.

Wistron InfoComm (Philippines) Corporation

4 Rizal HWY Cor Aimhigh Ave.
Subic Bay Ind. Park, Phase 1
Freeport Zone, Subic Bay, Philippines

- IMS B.V.

Zevenheuvelweg 25
5048 AN Tilburg
Netherlands

Date: 23.01.2002


Dipl.-Ing. M. Lechtermann

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- Yokohama Head Office

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Yokohama Laboratory

Festo Building 5F
1-26-10, Hayabuchi, Tsuzuki-ku
Yokohama 224-0025, Japan

Tel. : (045) 592-1371
Fax : (045) 592-1374
e-mail: yoko-lab@jpn.tuv.com

Appendix to CB Certificate JPTUV-003508-M1
Report Number: 12001138 002

Name and address of the manufacturer

Wistron Corporation
21F, 88, Sec. 1, Hsin Tai Wu Rd.
Hsichih, Taipei Hsien 221
Taiwan, R.O.C.

Wistron Mexico S.A. de C.V.

Calle Baudelio Perez Mucharras
No. 420 Oriente, Col. Zaragoza
Cd. Juarez, Chihuahua
MEXICO

Date: 23.01.2002


Dipl.-Ing. M. Lechtermann<http://www.jpn.tuv.com>**Yokohama Head Office**

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TEST REPORT FOR AN ADDITIONAL APPROVAL

IEC 950

Safety of information technology equipment

Report

Reference No..... : <12001138 002>

Compiled by (+ signature) : *P. Petschnig*

Approved by (+ signature)..... : *E. Chow*

Date of issue : Jan. 21, 2002

Contents : 4 pages

..... :
This report is based on a blank test report that was prepared by KEMA using information obtained from the TRF originator (see below).

Testing laboratory

Testing laboratory : TÜV Rheinland Japan Ltd., Yokohama Laboratories

Address : Festo Bldg. 5F, 1-26-10 Hayabuchi, Tsuzuki-Ku,
Yokohama 224-0025, Japan

Testing location : TÜV Rheinland Japan Ltd., Yokohama Laboratories

Client

Name..... : Wistron Corporation

Address : 21F, 88, Sec. 1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan,
R.O.C.

Test specification

Standard : IEC 60950:1991 + A1:1992 + A2:1993 + A3:1995 + A4:1996
EN 60 950:1992 + A1:1993 + A2:1993 + A3:1995 + A4:1997 + A11:1997
EMKO-TSE(74-SEC)207/94, AS 3260-1993, UL 1950, C22.2 No. 950 3rd
edition

Test procedure : CB-scheme

Procedure deviation : Australia (for Notebook without modem card only), Austria, Belgium, Canada, China,
The Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, India,
Ireland, Israel, Italy, Japan, Rep. Of Korea, The Netherlands, Norway, Poland,
Russian Fed., Singapore, Slovakia, Slovenia South Africa, Spain, Sweden,
Switzerland, United Kingdom, USA

Non-standard test method..... : N.A.

Test Report Form/blank test report

Test Report Form No. : Cbaddapp.doc

TRF originator..... : TÜV Rheinland

Test item

Description : Notebook PC

Trademark..... : Acer

Model and/or type reference : MS2103, MS2110

Manufacturer : Same as applicant

Rating..... : 19Vdc, 3.42A



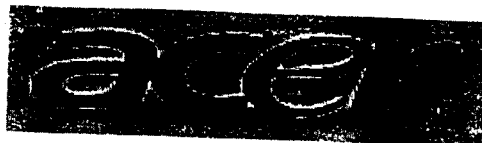
The construction of the Notebook PC model MS2103 was modified as follows:

1. Add additional OEM model as MS2110 (acer) which s identical to previously approved model MS2103 except for type designation and safety extra low voltage (SELV) secondary circuit used.
2. Add alternative component of HDD.
3. Add alternative component of switching power adapter.
4. Add alternative component of CD-RW.
5. Add alternative component of DVD-CDR/W Combo.
6. Add alternative component of Battery Pack (Optional).
7. Add alternative component of LCD panel.

For the above described modification the following testing was considered to be necessary:

Modification	Testing	Comments	Result
1.	N/A	No safety impact, therefore no test required. For detail, see label on next page and sub-clause 1.7.1.	P
2-6.	N/A	TÜV approved component used. For source spp appended table 1.5.1.	P
7.	N/A	For source see appended table 1.7.1.	P
•			

Copy of the marking plate:



CM

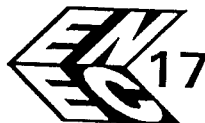
Travel Mate 630 Series

MODEL NO. (型号) : MS2110

DC RATING (输入) : 19V 3.42A



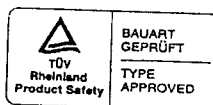
LISTED 7K85
UL1950
E145483



FC Tested To Comply
With FCC Standards
FOR HOME OR OFFICE USE



G17155



Product of Acer Inc., Acer and logo are registered trademarks of Acer Incorporated.

Made In Taiwan

IEC 950			
Clause	Requirement – Test	Result – Remark	Verdict
1.7.1	Rated voltage (V)	19Vdc (no mains connection)	N
	Symbol of nature of supply for d.c.	No mains connection.	N
	Rated frequency (Hz)	DC	N
	Rated current (A)	3.42A (no mains connection)	N
	Manufacturer	Not shown	P
	Trademark	Acer trade mark	N
	Type/model	MS2110	P
	Symbol of Class II	Class III equipment	N
	Certification marks	TÜV Rheinland GS Mark, UL, CUL, N, CCIB, ENEC	N

1.5.1		TABLE: list of critical components				P
object/part No.	manufacturer/ trademark	type/model	technical data	standard	mark(s) of conformity ¹⁾	
HDD	Toshiba	HDD2YYYYX	5Vdc, 0.8A	IEC 60950	TÜV, UL	
Switching Power Supply	Delta Electronics	PA-1700-02XX	I/p: 100-240Vac, 1.8A, 50-60Hz O/p: 20Vdc, 3.25A, Class I	IEC 60950	UL, CUL, TUV, S, CB (by Nemko)	
CD-RW	KME	UJDA34XX (X=0-9 or A-Z)	5Vdc, 0.9A	IEC 60950 EN60825-1	UL, CUL, TÜV (CB)	
DVD-CDRW Combo	KME	UJDA72XX (X=0-9 or A-Z)	5Vdc, 1.4A	IEC 60950 EN60825-1	TUV(CB), UL, N, S	
LCD panel	AU	B141ZZZZ	14" TFT	UL 1950	UL	
		M150YYYY, B150ZZZZ (Y,Z=0-9 or A-Z)	15" TFT	UL 1950	UL	
Battery pack (optional)	Sony	BTP-39D1	Lithium, 14.8Vdc, 4000mAh	IEC 60950 UL 1950	UL, TÜV	