

Ultrastar C10K300 Agency Certification

Version 1.2

May 2010

 **Hitachi Global Storage Technologies**

Contents

Ultrastar 10K300

- USA - UL
- Hitachi CE, ICES, VCCI Declaration of Conformity
- Taiwan - BSMI
- Australia - CTick Certificate
- Europe - TUV
- Korea - RRL/MIC (2 Parts)



Ref. Certif. No.

US/14760/UL

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

SYSTEME CEI D'ESSAIS DE CONFORMITE ET DE CERTIFICATION
DES EQUIPEMENTS ELECTRIQUES (IECEE)
METHODE OC

CB TEST CERTIFICATE CERTIFICAT D'ESSAI OC

Product
Produit

Hard Disk Drive Ultrastar C10K300

Name and address of the applicant
Nom et adresse du demandeur

HITACHI GLOBAL STORAGE TECHNOLOGIES INC
5801 GREAT OAKS PKY
SAN JOSE, CA 95119, USA

Name and address of the manufacturer
Nom et adresse du fabricant

HITACHI GLOBAL STORAGE TECHNOLOGIES INC
5801 GREAT OAKS PKY
SAN JOSE, CA 95119, USA

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

HITACHI GLOBAL STORAGE TECHNOLOGIES
SINGAPORE PTE LTD
4 KAKI BUKIT AVE 1
#03-08 SINGAPORE 417939, SINGAPORE

Rating and principal characteristics
Valeurs nominales et caractéristiques principales

+ 5 Vdc, 0.6 A; +12 Vdc, 0.4 A

Trademark (if any)
Marque de fabrique (si elle existe)

HITACHI

Model / Type Ref.
Ref. de type

HUC1030xxCSS60y or Type UCTSSAxx0, where "xx" is a two digit
number 30 or 14 and "y" is a one digit number 0 or 1.

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

This CB Test Report comprises 3 enclosures.

PUBLICATION

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 (2005) Second Edition,
Additionally evaluated to EN60950-1 (2006) with Am. 11 (2009) to include Group
and National Differences for European countries; other National Differences also
specified in the CB 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 partie de ce Certificat*

E240353-A5-CB-2

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



**Underwriters
Laboratories**

Underwriters Laboratories Inc. / GMA Certification Department, US
333 Pfingsten Road, Northbrook, IL 60062-2096
United States of America
TEL INT* +1 847 664 3008, FAX INT* +1 847 313 3008
email: jolanta.m.wroblewska@us.ul.com

Date: Issued: 2010 March 2

Signature:

Jolanta M. Wroblewska



HITACHI

Inspire the Next

Hitachi Global Storage Technologies, Inc.
5601 Great Oaks Parkway
San Jose, CA 95119-1003 USA
Tel: 800-801-4618 Fax: 408-717-5000
www.hgst.com

CE, ICES and VCCI Declaration of Conformity

We,
Hitachi Global Storage Technologies
5601 Great Oaks Parkway
San Jose, CA 95119-1003

Declare, under our sole responsibility, that the Hitachi Ultrastar C10K300 series of products (model part numbers: HUC103030CSS600, HUC103030CSS601, HUC103014CSS600, HUC103014CSS601).

And manufactured by
Hitachi Global Storage Technologies Singapore Pte. Ltd.
#03-08, 4 Khaki Bukit Ave. 1
Singapore 417939, Singapore

Conform to the following European Directives:

1. Council Directive 2004/108/EC on the approximation of the laws of the Member States relating to electromagnetic compatibility.
2. Council Directive 2006/95/EC on the harmonization of the laws of the Member States relating to electrical equipment designed for use within certain voltage limits.

The CE Declaration of conformity has been assessed for the Hitachi Ultrastar C10K300 Model numbers where "x" chars = 0-9, and "y" chars = 0, 1.
HUC1030xxCSS60y
(Serial Attached SCSI – SAS, 6 Gb/s)

Hitachi Global Storage Technologies

Schedule A

Conformity with Council Directive 2006/95/EC on the approximation of the laws of the Member States relating to electrical equipment designed for use within certain voltage limits, is based on compliance with the following harmonized Standards: EN 60950-1:2001, First Edition

Schedule B

Conformity with Council Directive 2004/108/EC on the approximation of the laws of the Member States relating to electromagnetic compatibility is based on compliance of the product with the following harmonized standards:

- 1: EN 55022: 2006 + A1:2007 (Class B for SAS)
- 2: EN 55024: 1998 +A1:2001 +A2:2003
- 3: EN 61000-3-2: 2006
- 4: EN 61000-3-3:1995 + A1:2001 + A2:2005

And conform to the following Directives:

VCCI Japanese Standards of Confirmation

- 1. All SAS models conform to the requirements of the 2007 VCCI Class B harmonized standards of electromagnetic compatibility.

ICES-003 Canadian Standards of Confirmation

- 1. All Class B digital apparatus (SAS hard disk drives) comply with Canadian ICES-003, Issue 4, 2004 Class B standards.



Art Muzik, Program Director

02/03/2009

08/13/2009

Date of issue

Revision 1

符合性聲明書
Declaration of Conformity

報驗義務人代碼 Code of the applicant	編號 Number
D33373	

本符合性聲明書應依商品檢驗法規定備齊相關技術文件後始得簽具
Please check all the related technical documents in accordance with the Commodity Inspection Act before signing the form.

報驗義務人：新加坡商日立環球儲存科技股份有限公司台灣分公司

Obligatory Applicant

地址：台北市敦化北路 167 號 5 樓(宏國大樓)

Address

電話：02-3518-1681

Telephone

商品中(英)文名稱：(中文)硬碟機

Commodity Name

(英文)HARD DISK DRIVE

商品型式(或型號)：HUC103014CSS600, HUC103014CSS601

Commodity Type (Model)

HUC103030CSS600, HUC103030CSS601

符合之檢驗標準及版次：CNS 13438, 2006 (Taiwan)

Standard(s) and version

試驗報告編號：IBMR1080

Test Report Number

試驗室名稱及代號：IBM Rochester EMC Lab

Testing laboratory name and designation number

SL2-IN-E-1039

茲聲明上述商品符合商品檢驗法符合性聲明之規定，若因違反本聲明書所
聲明之內容，願意擔負相關法律責任。

I hereby declare that the listed commodity conforms to Declaration of Conformity requirements stipulated in the Commodity
Inspection Act. I agree to take any legal obligations should violations against the Declaration of Conformity occur.

報驗義務人：新加坡商日立環球儲存科技股份有限公司台灣分公司(簽章)

Obligatory Applicant

(Signature)



中 華 民 國 九 十 七 年 十 二 月 三 十 日

DATE

(year)

(month)

(day)

Supplier's declaration of conformity

For compliance level 1, 2 and 3 in Australia
As required under notices under

- Section 182 of the Australian Radiocommunications Act 1992



Australian Government
**Australian Communications
and Media Authority**

Instructions for completion

- This completed form remains with the supplier as part of the documentation required for the compliance records. Do not return this form to ACMA.

Supplier's details

Company Name (name of manufacturer, importer or agent)

NJM TECHNOLOGY SOLUTIONS PTY LTD

ACMA supplier code number

N13508

Address (address of manufacturer, importer or agent)

43 FOREST LANE

MARKWOOD

VICTORIA POSTCODE 3678

ABN, ACN or ARBN

57 099 627 286

Product details

HITACHI GLOBAL STORAGE TECHNOLOGIES ULTRASTAR C10K300
2.5 INCH 10000 RPM SAS INTERFACE HARD DISK DRIVE

MODELS COVERED: HUC103014CSS600
 HUC103014CSS601
 HUC103030CSS600
 HUC103030CSS601

Compliance with Radiocommunications (Electromagnetic Compatibility) Standard 2008

The above mentioned product complies with the requirements of the Radiocommunications (Electromagnetic Compatibility) Standard 2008. Evidence of compliance is demonstrated by test reports to the following applicable standards.

Applicable standards

EN55022:2006 + A1:2007
IEC CISPR22: 2005

EMC TEST REPORT No: IBMR1080 DATED 30TH DECEMBER 2008
 PREPARED BY IBM ROCHESTER EMC LAB

Declaration

I hereby declare that the product mentioned above complies with the requirements of the Radiocommunications (Electromagnetic Compatibility) Standard 2008. All products supplied under this declaration will be identical to the product identified above.

Signature

Name

NIGEL MATHESON

Position in Organisation

MANAGING DIRECTOR

Date

30th January 2009

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 72082799

Blatt *Page*
0001

Ihr Zeichen *Client Reference*
Mike Lorelli

Unser Zeichen *Our Reference*
-NW- 30883549 001

Ausstellungsdatum *Date of Issue*
21.01.2009
(day/month/year)

Genehmigungsinhaber *License Holder*
Hitachi Global Storage Technologies
5600 Scottie Road
San Jose CA 95193
USA

Fertigungsstätte *Manufacturing Plant*
Hitachi Global Storage
Technologies Singapore Pte. Ltd.
4, Kaki Bukit Ave 1, #03-08
Singapore 417939
Singapore

Prüfzeichen *Test Mark*

Geprüft nach *Tested acc. to*
EN 60950-1:2001-A11



Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

Data carrier Hard Disk Drive

Model Designation: HUC1030xxCSS60y, UCT38Axy
(xx = 30, 14
y = 0, 1)

7

Rated Voltage: 1) DC +5V
2) DC +12V
Rated Current: 1) 0,6A
2) 0,4A

Protection Class: III
Rated Ambient Temperature: 45°C

Special Remarks: To be installed according to the licensee's
installation instructions.



7

ANLAGE (Appendix): 1, 1-2

This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.

Zertifizierungsstelle

Martin Glogla

Dipl.-Ing. M. Glogla

TÜV Rheinland Product Safety GmbH, Am Grauen Stein, D-51105 Köln
Tel: (+49/221)8 06 - 13 71 e-mail: cert.validity@gds.tuv.com
Fax: (+49/221)8 06 - 39 55 <http://www.tuv.com/safety>
Inh. = 745219 / Deb. = 745219 / Fert. = 751344

전자등록확인번호 GYVV-R1V6-EMUH-19LP



방송통신기기인증서

Certificate of Broadcasting and Communication Equipment

인증의 종류 <i>Certification Type</i>	전자과제등록(EMC Registration)
상호 또는 성명 <i>Trade Name or Applicant</i>	히타치글로벌스토리지 테크놀로지스 아시아 퍼디이얼티디(영입소)
기기의 명칭 <i>Equipment Name</i>	HDD
기본모델명 <i>Basic Model Number</i>	HUC103014CSS600
과제모델명 <i>Series Model Number</i>	HUC103014CSS601
인증번호 <i>Certification No</i>	HGS-HUC103014CSS60 (B)
제조사/제조국가 <i>Manufacturer/Country of Origin</i>	HITACHI GLOBAL STORAGE TECHNOLOGIES SINGAPORE PTE. LTD./싱가포르
인증연월일 <i>Date of Certification</i>	2009년(Year) 02월(Month) 12일(Date)
기타 <i>Others</i>	제조사상호:HITACHI GLOBAL STORAGE TECHNOLOGIES SINGAPORE PTD.LTD.

위 기기는 「전기통신기본법」, 「전파법」에 따라 인증되었음을 증명합니다.
It is certified that foregoing equipment has been certificated under the Framework Act on Telecommunications and Radio Waves Act.

2009년(Year) 02월(Month) 12일(Date)

전파연구소장



Director General of Radio Research Laboratory
Korea Communications Commission Republic of Korea

* 인증여부는 www.ekrc.go.kr에서 확인하실 수 있습니다.

* 복사본은 소인 복사방기마크의 '원' 또는 '중' 인자가 사라집니다.



전자문서확인번호 FIFS-WF6D-N9TD-H7D1



방송통신기기인증서

Certificate of Broadcasting and Communication Equipment

인증의 종류 <i>Certification Type</i>	전자파식합등록 (EMC Registration)
상호 또는 상품명 <i>Trade Name or Applicant</i>	히타치글로벌스토리지테크놀로지스아시아퍼티리미티드(영월소)
기기의 명칭 <i>Equipment Name</i>	HDD
기본모델명 <i>Basic Model Number</i>	HUC103030CSS600
파생모델명 <i>Series Model Number</i>	HUC103030CSS601
인증번호 <i>Certification No</i>	HGS-HUC103030CSS60 (B)
제조사/제조국가 <i>Manufacturer/Country of Origin</i>	HITACHI GLOBAL STORAGE TECHNOLOGIES SINGAPORE PTE. LTD./싱가폴
인증연월일 <i>Date of Certification</i>	2009년(Year) 02월(Month) 12일(Date)
기타 <i>Others</i>	제조사 상호:HITACHI GLOBAL STORAGE TECHNOLOGIES SINGAPORE PTE.LTD.

위 기기는 「전기통신기본법」, 「전파법」에 따라 인증되었음을 증명합니다.
It is certified that foregoing equipment has been certificated under the Framework Act on Telecommunications and Radio Waves Act.

2009년(Year) 02월(Month) 12일(Date)

전파연구소장



Director General of Radio Research Laboratory

Korea Communications Commission Republic of Korea

* 진위여부는 www.kkcc.go.kr에서 확인할 수 있습니다.

* 복사본은 물론 추가발자번호 '원' 또는 '본' 글자가 수 있습니다.

