



Summary of Safety Agency Certifications

Ultrastar 7K6000 (Aries-K Plus)

March 2, 2015

Version 4.0

Ultrastar 7K6000

Model #	Agency Model	Capacity
HUS726060ALx2xx	US7SSK600	6TB
HUS726050ALx2xx	US7SSK500	5TB
HUS726040ALx2xx	US7SSK400	4TB
HUS726020ALx2xx	US7SSK200	2TB
HUS726060ALx6xx	US7SAK600	6TB
HUS726050ALx6xx	US7SAK500	5TB
HUS726040ALx6xx	US7SAK400	4TB
HUS726020ALx6xx	US7SAK200	2TB

Contents

- USA – UL Letter & CB Certificate (TUV)
- HGST Letter – CE/ICES/VCCI Declaration of Conformity
- Taiwan – BSMI
- Australia – CTick Certificate
- EMEA – TUV Bauart
- Korea – KCC

NOTICE OF COMPLETION
AND
AUTHORIZATION TO APPLY THE UL MARK



05/15/2014

HGST Japan Ltd.
Mr. TOSHIKI ISHIKAWA
Fujisawa Plant
1 Kirihara-cho
Fujisawa-shi Kanagawa 252-0888, Japan

Our Reference: File E182115, Volume X1 Project Number 4786391303
Your Reference: 1404208
Project Scope: UL and cUL Recognized Component Mark for Hard Disk Drive, Models DH7SAHnnn (n=0-9), etc. covered in Report Reference No. E182115-A2 for addition of Models US7SAKnnn and US7SSKnnn

Dear Mr. TOSHIKI ISHIKAWA:

Congratulations! UL's investigation of your product(s) has been completed under the above Reference Number and the product was determined to comply with the applicable requirements. This letter temporarily supplements the UL Follow-Up Services Procedure and serves as authorization to apply the UL Mark at authorized factories under UL's Follow-Up Service Program. To provide your manufacturer(s) with the intended authorization to use the UL Mark, you must send a copy of this notice to each manufacturing location currently authorized under File E182115, Volume X1.

Records in the Follow-Up Services Procedure covering the product are now being prepared and will be sent in the near future. Until then, this letter authorizes application of the UL Mark for 90 days from the date indicated above.

Additional requirements related to your responsibilities as the Applicant can be found in the document "Applicant responsibilities related to Early Authorizations" that can be found at the following web-site:
<http://www.ul.com/EAResponsibilities>

Any information and documentation provided to you involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL.

We are excited you are now able to apply the UL Mark to your products and appreciate your business. Feel free to contact me or any of our Customer Service representatives if you have any questions.

Very truly yours,

Masaki Nunoya
+81 596 24 7142
Project Engineer
Masaki.Nunoya@ul.com

CC: NATOM Corp.
Mr. Shinichi Yokoyama

NWT05ED-3E0184

Reviewed by:

William R. Carney
847/664-1088
Chief Engineer Director I
William.R.Carney@ul.com

	Ref. Certif. No.
	JPTUV-055538-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

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

Ratings and principal characteristics
Valeurs nominales et caractéristiques principales

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

Type of Manufacturer's Testing Laboratories used
Type de programme du laboratoire d'essais constructeur

Model / Type Ref.
Ref. de type

Additional information (if necessary may also be reported on page 2)
Les informations complémentaires (si nécessaire, peuvent être indiqués sur la 2^{ème} page)

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 forms part of this Certificate
Comme indiqué dans le Rapport d'essais numéro de référence qui constitue partie de ce Certificat

Hard Disk Drive

HGST Japan, Ltd.
1 Kirihara-cho
Fujisawa-shi, Kanagawa, 252-0888 JAPAN

HGST Japan, Ltd.
1 Kirihara-cho
Fujisawa-shi, Kanagawa, 252-0888 JAPAN

See additional page(s)

DC 5V/12V; max. 1.5A/2.0A
For details: refer to the test report
Class III

HGST

N/A

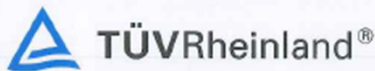
H series, D series, US7S series
(For details: refer to the test report)

For model differences, refer to the test report.
Re-issue of JPTUV-055538 dated 12.03.2014,
due to first modification.

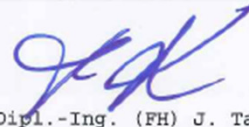
IEC 60950-1:2005+A1
National differences see test report

50005390 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 Japan Ltd.
Global Technology Assessment Center
4-25-2 Kita-Yamata, Tsuzuki-ku
Yokohama 224-0021 Japan
Phone + 81 45 914-3888
Fax + 81 45 914-3354
Mail: info@jpn.tuv.com
Web: www.tuv.com



Date: 13.05.2014

Signature:

Dipl.-Ing. (FH) J. Taylor

1991 CB 05.12

	Ref. Certif. No.
	JPTUV-055538-M1

PAGE 2 OF 2


1. HGST (Thailand), Ltd.
203, 205 Moo 7 Tambon Tha Tum
Amphur Srimahaphote
Prachinburi 25140
Thailand
2. HGST Singapore Pte. Ltd.
#03-08
4 Kaki Bukit Ave. 1
Singapore 417939
Singapore
3. HGSP (Shenzhen) Co., Ltd.
1 Jinxiu RD West
Shenzhen Export Processing Zone
Pingshan District
Shenzhen Guangdong 518118, P.R. China

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

Report Ref. No.: 50005390 002

Date: 13.05.2014

Signature:


Dipl.-Ing. (FH) J. Taylor

HGST, 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 Conformity

We,
HGST, Inc.
5601 Great Oaks Parkway
San Jose, CA 95119-1003 USA

Declare, under our scale. That the HGST Ultrastar 7K6000 series of products.

(Product Type US7SAKxxx / US7SSKxxx (xxx: any numeral)

Which are manufactured at

HGST(Thailand) Ltd.
203, 205 Moo7, Tambon Tha Tum, Amphur Srimahaphote
Pracchinbri 25140 Thailand

Conform to 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 2004/95/EC on the harmonization of the laws of the Member States relating to electrical equipment designed use within certain voltage limits.

The CE declaration of conformity has been assessed for the HGST Ultrastar 7K6000 series model numbers
Product Type US7SAKxxx / US7SSKxxx (xxx : any numeral)
(Serial ATA = SATA, 6Gb/s, Serial Attached SCSI = SAS, 12Gb/s)

Schedule A

Conformity with Council Directive 2006/956/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

UL 60950-1. Second Edition. AI : 2011-12-19
CSA C22.2 NO. 60950-1-07 Second Edition. 2011-12
EN 60950-1 2006 + A11 2009 + A1:2010 + A12:2011
IEC 60950-1:2005 Second Edition + A1:2009

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 Class B harmonized standard:

1. EN 55022 2010 (Class B)
2. EN 55024 2010
3. EN 61000-3-2:2006 + A1-2009 + A2-2009
4. EN 61000-3-3:2013

And conform to the following directives:

VCCI Japans Standards of Confirmation

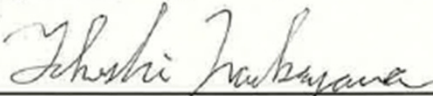
1. All SAS/SATA models conform to the requirements of the 2010 VCCI Class B harmonized standard of electromagnetic compatibility per CISPR 22 Ed.5.2.2006

ICES-003 Canadian Standards of Confirmation

1. All Class B digital apparatus (All SAS/SATA models) comply with Canadian ICES-003. Issue 5.2012 Class B standards.

RoHS Directive 2011/65/EU : All SAS/SATA models

HGST Japan,Ltd.
1, Kirihara-cho, Fujisawa-shi, Kanagawa-ken,
252-088, Japan



Takeshi Nakazawa, 3.5 Product Development Director

27/2/2015

Date of issue Revision 2

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： 新加坡商昱科環球儲存股份有限公司台灣分公司

Obligatory Applicant

地址： 台北市松山區敦化北路 167 號 5 樓

Address

電話： 02-3518-1681

Telephone

商品中 (英) 文名稱： (中文) 3.5 英吋硬碟機

Commodity Name

(英文) 3.5 inch Hard Disk Drive

商品型式 (或型號)： 詳細型號如附錄

Commodity Type (Model)

符合之檢驗標準及版次： CNS 13438(C6357), 乙類(95 年完整版)

Standard(s) and version

試驗報告編號： K1440402

Test Report Number

試驗室名稱及代號： Token EMC Engineering Co., Ltd.

Testing laboratory name and designation number

(代號:SL2-IN/A1-E-6003)

符合性聲明檢驗標識及識別號碼：

The form of the DoC marking appears like this



D33373

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： 新加坡商昱科環球儲存股份有限公司台灣分公司 (簽章)

Obligatory Applicant



(Signature)

中 華 民 國 103 年 5 月 20 日

DATE

(year)

(month)

(day)

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： 新加坡商昱科環球儲存股份有限公司台灣分公司
Obligatory Applicant

地址： 台北市松山區敦化北路 167 號 5 樓
Address

電話： 02-3518-1681
Telephone

商品中 (英) 文名稱： (中文) 3.5 英吋硬碟機
Commodity Name

(英文) 3.5 inch Hard Disk Drive

商品型式 (或型號)： 詳細型號如附錄
Commodity Type (Model)

符合之檢驗標準及版次： CNS 13438(C6357), 乙類(95 年完整版)
Standard(s) and version

試驗報告編號： K1440401
Test Report Number

試驗室名稱及代號： Token EMC Engineering Co., Ltd.
Testing laboratory name and designation number

(代號:SL2-IN/A1-E-6003)

符合性聲明檢驗標識及識別號碼：
The form of the DoC marking appears like this



D33373

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： 新加坡商昱科環球儲存股份有限公司台灣分公司 (簽章)

Obligatory Applicant



(Signature)

中 華 民 國 103 年 5 月 20 日
DATE (year) (month) (day)

Supplier's declaration of conformity

For compliance level 1, 2 and 3 in Australia

As required by the following notice.

- Radiocommunications Devices Notice 2003 made under Section 182 of the Australian Radiocommunications Act 1992



Instructions for completion

This completed form remains with the supplier as part of the documentation required for the compliance records and must be made available for inspection by the ACMA when requested. **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

(issued by the ACMA prior to 1 March 2013)

N13508

Address (address of manufacturer, importer or agent)

43 Forest Lane
Markwood
Victoria POSTCODE 3678

ABN

57 099 627 266

Product details

HGST, a Western Digital Company. Ultrastar Aries-K Plus
3.5 Inch 7200 RPM 12Gb/s SAS Interface Hard Disk Drive

Type Names: US7SSK600 (Aries-K Plus 6TB : SAS)
US7SSK500 (Aries-K Plus 5TB : SAS)
US7SSK400 (Aries-K Plus 4TB SAS and 3TB : SAS)
US7SSK200 (Aries-K Plus 2TB : SAS)

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

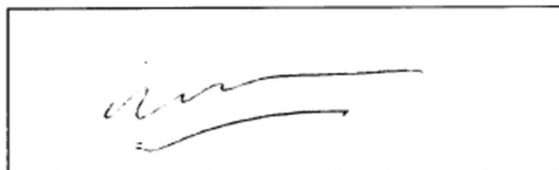
EN55022: 2010 Class B

EMC Test Report Numbers: K1440408 Dated May 20th 2014
Prepared By: Tokin EMC Engineering Co. Ltd.

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

Craig Thomson

Position In Organisation

Technical Manager

Date

June 30th 2014

Supplier's declaration of conformity

For compliance level 1, 2 and 3 in Australia

As required by the following notice.

- Radiocommunications Devices Notice 2003 made under Section 182 of the Australian Radiocommunications Act 1992



Instructions for completion

This completed form remains with the supplier as part of the documentation required for the compliance records and must be made available for inspection by the ACMA when requested. **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

(issued by the ACMA prior to 1 March 2013)

N13508

Address (address of manufacturer, importer or agent)

43 Forest Lane

Markwood

Victoria POSTCODE 3678

ABN

57 099 627 266

Product details

HGST, a Western Digital Company. Ultrastar Aries-K Plus
3.5 Inch 7200 RPM 6Gb/s SATA Interface Hard Disk Drive

Type Names: US7SAK600 (Aries-K Plus 6TB : SATA)
US7SAK500 (Aries-K Plus 5TB : SATA)
US7SAK400 (Aries-K Plus 4TB SATA and 3TB : SATA)
US7SAK200 (Aries-K Plus 2TB : SATA)

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: 2010 Class B

EMC Test Report Numbers: K1440407 Dated May 20th 2014
Prepared By: Tokin EMC Engineering Co. Ltd.

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

Craig Thomson

Position In Organisation

Technical Manager

Date

June 30th 2014

Zertifikat Certificate



Zertifikat Nr. *Certificate No.*
R 50024834

Blatt *Page*
0046

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum	<i>Date of Issue</i> (day/month/year)
1404209	ZJL-YOT- 12004967 041	23.05.2014	

Genehmigungsinhaber *License Holder*
HGST Japan, Ltd.
1 Kirihara-cho
Fujisawa-shi, Kanagawa
252-0888 JAPAN

Fertigungsstätte *Manufacturing Plant*
HGST (Thailand), Ltd.
203, 205 Moo 7 Tambon Tha Tum
Amphur Srimahaphote
Prachinburi 25140
Thailand

Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*
EN 60950-1:2006+A11+A1+A12

Zertifiziertes Produkt *(Geräteidentifikation)*
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

Disk Storage Hard Disk Drive, as page 0001

Addition

Type Designations:	(1) US7SAKnnn	1
	(2) US7SSKnnn	1
	n = 0 - 9	
Rated Voltages:	(1) DC 5V DC 12V	
	(2) DC 5V DC 12V	
Rated Currents:	(1) 500mA 650mA	
	(2) 900mA 800mA	

2

ANLAGE (Appendix): 1.5

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht. 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.


TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg
Tel.: (+49/221)8 06 - 13 71 e-mail: cert-validity@de.tuv.com
Fax: (+49/221)8 06 - 39 35 http://www.tuv.com/safety

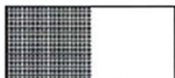


Zertifizierungsstelle

Dipl.-Ing. (FH) J. Taylor

OE4E-2766-51A9-B241

방송통신기자재등의 적합등록 필증 <i>Registration of Broadcasting and Communication Equipments</i>	
상호 또는 성명 <i>Trade Name or Registrant</i>	HGST Japan, Ltd.
기자재 명칭 <i>Equipment Name</i>	Hard Disk Drive
기본모델명 <i>Basic Model Number</i>	US7SAK600
파생모델명 <i>Series Model Number</i>	US7SAK500, US7SAK400, US7SAK200
등록번호 <i>Registration No.</i>	MSIP-REM-HGJ-US7SAK600
제조사/제조(조립)국가 <i>Manufacturer/Country of Origin</i>	HGST Japan, Ltd. / 일본, 태국, 중국, 싱가포르
등록연월일 <i>Date of Registration</i>	2014-06-09
기타 <i>Others</i>	
<p>위 기자재는 「전파법」 제58조의2 제3항에 따라 등록되었음을 증명합니다. It is verified that foregoing equipment has been registered under the Clause 3, Article 58-2 of Radio Waves Act.</p> <p style="text-align: right;">2014년(Year) 06월(Month) 09일(Date)</p> <p style="text-align: center;">국립전파연구원장 </p> <p style="text-align: center;"><i>Director General of National Radio Research Agency</i></p> <p style="text-align: center; color: red; font-size: small;">※ 적합등록 방송통신기자재는 반드시 "적합성평가표시"를 부착하여 유통하여야 합니다. 위반시 과태료 처분 및 등록이 취소될 수 있습니다.</p>	



CD48-D296-6E21-F542

방송통신기자재등의 적합등록 필증 <i>Registration of Broadcasting and Communication Equipments</i>	
상호 또는 성명 <i>Trade Name or Registrant</i>	HGST Japan, Ltd.
기자재 명칭 <i>Equipment Name</i>	Hard Disk Drive
기본모델명 <i>Basic Model Number</i>	US7SSK600
파생모델명 <i>Series Model Number</i>	US7SSK500, US7SSK400, US7SSK200
등록번호 <i>Registration No.</i>	MSIP-REM-HGJ-US7SSK600
제조사/제조(조립)국가 <i>Manufacturer/Country of Origin</i>	HGST Japan, Ltd. / 일본, 싱가포르, 태국, 중국
등록연월일 <i>Date of Registration</i>	2014-06-05
기타 <i>Others</i>	
<p>위 기자재는 「전파법」 제58조의2 제3항에 따라 등록되었음을 증명합니다. It is verified that foregoing equipment has been registered under the Clause 3, Article 58-2 of Radio Waves Act.</p> <p style="text-align: right;">2014년(Year) 06월(Month) 05일(Date)</p> <p style="text-align: center;">국립전파연구원장 </p> <p style="text-align: center;"><i>Director General of National Radio Research Agency</i></p> <p style="color: red; font-size: small;">※ 적합등록 방송통신기자재는 반드시 "적합성평가표시" 를 부착하여 유통하여야 합니다. 위반시 과태료 처분 및 등록이 취소될 수 있습니다.</p>	



Thank You!!