

Summary of Safety Agency Certifications

Ultrastar He8

March 2015

Version 3.0



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Products

Product Name	Commodity Type/Model
Ultrastar He8-8 SATA	US7SAJ800
Ultrastar He8-6 SATA	US7SAJ600
Ultrastar He8-8 SAS	US7SSJ800
Ultrastar He8-6 SAS	US7SSJ600

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HGST Letter - CE, ICES (Canada) &, VCCI (Japan) Declaration of Conformity (DoC)

USA - UL Letter & CB Certificate (TUV)

Taiwan – BSMI (SATA & SAS)

Australia – Ctick Certificate (SATA & SAS)

EU – TUV Bauart

Korea - KCC

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 Hw8 series of products.

(Product Type US7SAJxxx / US7SSJxxx (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 He8 series model numbers
Product Type US7SAJxxx / US7SSJxxx (xxx : any numeral)
(Serial ATA = SATA, 6Gb/s, Serial Attached SCSI = SAS, 12Gb/s)

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

UL 60950-1. Second Edition. A1 : 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. 2008

And conform to the following directives:

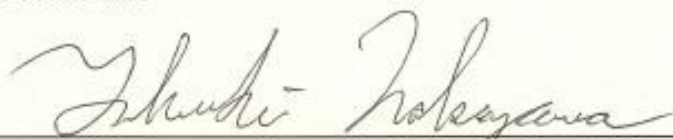
VCCI Japans Standards of Confirmation

1. All SAS 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 (SAS hard disk drives) comply with Canadian ICES-003. Issue 5. 2012 Class B standards.

RoHS Directive 2011/65/EU :
HGST European Logistics Centre
C/O UPS Supply Chain Solutions
Marie Curieweg 20
6045 GH Roermond
The Netherlands



Takeshi Nakazawa, 3.5 Product Development Director

8/22/2014

Date of issue Revision 1

USA - UL Letter & CB Certificate (TUV)



NOTICE OF COMPLETION AND AUTHORIZATION TO APPLY THE UL MARK

03/13/2014

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

Our Reference: File E182115, Volume X1 Project Number 4786330174
Your Reference: 1402118
Project Scope: UL and c-UL Recognition Mark - Addition of Models US7SAJnnn and US7SSJnnn (where n is any number 0 through 9) to Hard Disk Drive, Models DH7SAHnnn and DH7SSHnnn (where n is any number 0 through 9) covered in Report Ref#: E182115-A2-UL

Dear Mr. Toshiaki 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 and including any special instructions as indicated in the addendum to this letter.

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,

Masayo Ueda
+81 596 24 7052
Senior Engineering Associate
Masayo.Ueda@ul.com

Reviewed by:

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

CC: ,

NWTC1DB-55C948



Ref. Certif. No.

JPTUV-055538

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

Hard Disk Drive

Name and address of the applicant
Nom et adresse du demandeur

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

Name and address of the manufacturer
Nom et adresse du fabricant

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

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

See additional page(s)

Ratings and principal characteristics
Valeurs nominales et caractéristiques principales

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

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

HGST

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

N/A

Model / Type Ref.
Ref. de type

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

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

For model differences, refer to the test report.

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+A1
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 partie de ce Certificat

50005390 001

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: 12.03.2014

Signature:

Dipl.-Ing. (FH) J. Taylor

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

符合性聲明書

Declaration of Conformity

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)： (1) US7SAJ800

Commodity Type (Model)

(2) US7SAJ600

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： K1420901

Test Report Number

試驗室名稱及代號： Tokin 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 requirement as 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 3 月 31 日

DATE

(year)

(month)

(day)

Taiwan- BSMI (SAS)

符合性聲明書

Declaration of Conformity

報驗義務人代碼 Code of the applicant	號碼 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 英寸硬碟機

Commodity Name

(英文) 3.5 inch Hard Disk Drive

商品型式 (或型號)： (1) US7SSJ800

Commodity type (Model)

(2) US7SSJ600

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： K1420902

Test Report Number

試驗室名稱及代號： Tokin 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 violation 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 3 月 31 日

DATE

(year)

(month)

(day)

Australia – Ctick Certificate (SATA)

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 He8
3.5 Inch 7200 RPM 6Gb/s SATA Interface Hard Disk Drive

Type Names: US7SAJ600
US7SAJ800

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: K1420907 Dated March 14th 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

Nigel Matheson

Position In Organisation

Managing Director

Date

April 9th 2014

Australia – Ctick Certificate (SAS)

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 He8
3.5 Inch 7200 RPM 6Gb/s SAS Interface Hard Disk Drive

Type Names: US7SSJ600
US7SSJ800

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: K1420908 Dated March 14th 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

Nigel Matheson

Position In Organisation

Managing Director

Date

May 22nd 2014

Zertifikat Certificate



Zertifikat Nr. Certificate No. R 50024834
Blatt Page 0045

Ihr Zeichen Client Reference 1402119
Unser Zeichen Our Reference ZJL-YOT- 12004967 040
Ausstellungsdatum Date of Issue 27.03.2014 (day/mo/yr)

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) US7SAJnnn	1
	(2) US7SSJnnn	1
	n = 0 - 9	
Rated Voltages:	(1) DC 5V DC 12V	
	(2) DC 5V DC 12V	
Rated Currents:	(1) 440mA 550mA	
	(2) 800mA 660mA	

2

ANLAGE (Appendix): 1.4

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

Korea- KCC (SATA)


C577-A8D6-1FBC-EC5F

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>	US7SAJ800
파생모델명 <i>Series Model Number</i>	US7SAJ600
등록번호 <i>Registration No.</i>	MSIP-REM-HGJ-US7SAJ800
제조사/제조(조립)국가 <i>Manufacture/Country of Origin</i>	HGST Japan, Ltd. / 일본, 태국, 중국, 싱가포르
등록연월일 <i>Date of Registration</i>	2014-03-25
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) 03월(Month) 25일(Date)</p> <p style="text-align: center;">  국립전파연구원장 <i>Director General of National Radio Research Agency</i> </p> <p style="text-align: center;"><i>Director General of National Radio Research Agency</i></p> <p> <input type="checkbox"/> 적합등록 방송통신기자재는 반드시 "적합성평가표시"를 부착하여 유통하여야 합니다. 위반시 과태료 처분 및 등록이 취소될 수 있습니다. </p>	



Korea- KCC (SAS)

441E-2F1B-E24D-0F5D

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>	US7SSJ800
파생모델명 <i>Series Model Number</i>	US7SSJ600
등록번호 <i>Registration No.</i>	MSIP-REM-HGJ-US7SSJ800
제조사/제조(조립)국가 <i>Manufacturer/Country of Origin</i>	HGST Japan, Ltd. / 일본, 태국, 중국, 싱가포르
등록연월일 <i>Date of Registration</i>	2014-03-25
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) 03월(Month) 25일(Date)</p> <p style="text-align: center;"> 국립전파연구원장  <i>Director General of National Radio Research Agency</i> </p> <p style="text-align: center;"> <small> ■ 적합등록 방송통신기자재는 반드시 "적합성평가표시" 를 부착하여 유통하여야 합니다. 위반시 과태료 처분 및 등록이 취소될 수 있습니다. </small> </p>	

