

COVER PAGE FOR TEST REPORT

Standard:	UL 60950-1, 2nd Edition, 2007-03-27 (Information Technology Equipment - Safety - Part 1: General Requirements) CSA C22.2 No. 60950-1-07, 2nd Edition, 2007-03 (Information Technology Equipment - Safety - Part 1: General Requirements)
Certification Type:	Component Recognition
CCN:	NWGQ2, NWGQ8 (Information Technology Equipment Including Electrical Business Equipment)
Product:	Hard Disk Drive
Model:	DK7SAAnnn, DK7SADnnn, DK5SADnnn, DS5SACnnn, DS5SADnnn, DS5SAEnn0, DS7SACnnn, DS7SADnnn, DS7SAEnn0, HCS5450nnGLA3nn, HCS5C32nnSLA3nn, HDS7225xxVLATnn, HDS7225nnVLSAnn, HDS724040KLAT80, HDS724040KLSA80, HDS7250nnKLA3nn, HDS7250nnKLATnn, HDS7280nnPLA3nn, HDS7280nnPLxxnn, HDT7225nnDLA3nn, HDT7225nnDLxxnn, Hss7210nnSLA3nn, Htt7250nnGLA3nn, Htt7250nnGLATnn, Hww7210nnKLA3nn, Hyy7216nnPLA3nn, Hyy7216nnPLATnn, Hzz7250nnVLA3nn, and Hzz7250nnVLATnn where n is any number 0 through 9 / x is any alphanumeric character or blank / ss is DT, CT or DE / yy is DS or CS / zz is DT or CS / ww is DS, CS or UA / tt is DP or CP / indicating changes in SELV circuits.
Rating:	12 Vdc, 850 mA; 5 Vdc, 400 mA (Model DK7SAAnnn) 12 Vdc, 850 mA; 5 Vdc, 450 mA (Model DK7SADnnn) 12 Vdc, 400 mA; 5 Vdc, 430 mA (Model DK5SADnnn) 12 Vdc, 400 mA; 5 Vdc, 420 mA (Model DS5SACnnn) 12 Vdc, 350 mA; 5 Vdc, 430 mA (Model DS5SADnnn) 12 Vdc, 380 mA; 5 Vdc, 420 mA (Model DS5SAEnn0) 12 Vdc, 700 mA; 5 Vdc, 450 mA (Model DS7SACnnn) 12 Vdc, 740 mA; 5 Vdc, 430 mA (Model DS7SADnnn) 12 Vdc, 420 mA; 5 Vdc, 420 mA (Model DS7SAEnn0) 12 Vdc, 520 mA; 5 Vdc, 360 mA (Model HCS5450nnGLA3nn) 12 Vdc, 340 mA; 5 Vdc, 330 mA (Model HCS5C32nnSLA3nn) 12 Vdc, maximum 2.0 A; 5 Vdc, maximum 1.5 A (Models HDS7225xxVLATnn and HDS7225nnVLSAnn) 12 Vdc, 980 mA; 5 Vdc, 780 mA (Models HDS724040KLAT80 and HDS724040KLSA80) 12 Vdc, 850 mA; 5 Vdc, 670 mA (Model HDS7250nnKLA3nn) 12 Vdc, 850 mA; 5 Vdc, 560 mA

(Model HDS7250nnKLATnn)
12 Vdc, 600 mA; 5 Vdc, 620 mA
(Model HDS7280nnPLA3nn)
12 Vdc, 600 mA; 5 Vdc, 490 mA
(Model HDS7280nnPLxxnn)
12 Vdc, 600 mA; 5 Vdc, 650 mA
(Model HDT7225nnDLA3nn)
12 Vdc, 600 mA; 5 Vdc, 500 mA
(Model HDT7225nnDLxxnn)
12 Vdc, 700 mA; 5 Vdc, 420 mA
(Model Hss7210nnSLA3nn)
12 Vdc, 670 mA; 5 Vdc, 360 mA
(Model Htt7250nnGLA3nn)
12 Vdc, 670 mA; 5 Vdc, 300 mA
(Model Htt7250nnGLATnn)
12 Vdc, 850 mA; 5 Vdc, 680 mA
(Model Hww7210nnKLA3nn)
12 Vdc, 600 mA; 5 Vdc, 690 mA
(Model Hyy7216nnPLA3nn)
12 Vdc, 600 mA; 5 Vdc, 490 mA
(Model Hyy7216nnPLATnn)
12 Vdc, 640 mA; 5 Vdc, 730 mA
(Model Hzz7250nnVLA3nn)
12 Vdc, 640 mA; 5 Vdc, 530 mA
(Model Hzz7250nnVLATnn)

Applicant Name and Address: HITACHI GLOBAL STORAGE TECHNOLOGIES
JAPAN LTD
FUJISAWA PLANT
1 KIRIHARA-CHO
FUJISAWA-SHI
KANAGAWA 252-0888 JAPAN

This is to certify that representative samples of the products covered by this Test Report have been investigated in accordance with the above referenced Standards. The products have been found to comply with the requirements covering the category and the products are judged to be eligible for Follow-Up Service under the indicated Test Procedure. The manufacturer is authorized to use the UL Mark on such products which comply with this Test Report and any other applicable requirements of Underwriters Laboratories Inc. ('UL') in accordance with the Follow-Up Service Agreement. Only those products which properly bear the UL Mark are considered as being covered by UL's Follow-Up Service under the indicated Test Procedure.

The applicant is authorized to reproduce the referenced Test Report provided it is reproduced in its entirety.

UL authorizes the applicant to reproduce the latest pages of the referenced Test Report consisting of the first page of the Specific Technical Criteria through to the end of the Conditions of Acceptability.

Any information and documentation involving UL Mark services are provided on behalf of Underwriters Laboratories Inc. (UL) or any authorized licensee of UL.

Prepared by: Yukari Takahashi
Underwriters Laboratories Inc.



Reviewed by: Satoru Ohnishi
Underwriters Laboratories Inc.



Zertifikat *Certificate*



Zertifikat Nr. *Certificate No.*
R 50024834

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0034

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum	<i>Date of Issue</i> (day/mo/yr)
1009478	ZJL-YOT- 12004967 032	19.11.2010	

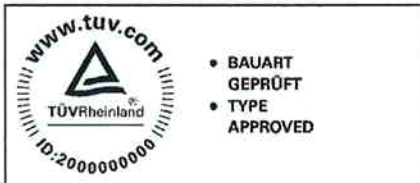
Genehmigungsinhaber *License Holder*

Hitachi Global Storage Technologies
Japan, Ltd.
Fujisawa Plant
1 Kirihara-cho
Fujisawa-shi, Kanagawa
252-8588 JAPAN

Fertigungsstätte *Manufacturing Plant*

Hitachi Global Storage Products
(Shenzhen) Co., Ltd.
#3001 Jinxiuxi Road
Longgang District, Shenzhen 518118
P.R. China

Prüfzeichen *Test Mark*



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

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

Lizenzentgelte - Einheit
License Fee - Unit

Plattenspeicher Hard Disk Drive

Addition

Type Designations :	(1) DS7SAEnn0	1
	(2) DS5SAEnn0	1
	(3) DK5SADnnn	1
	n = 0 - 9	

Rated Voltages : DC 5V 12V

Rated Currents : (1) 420mA 420mA
(2) 420mA 380mA
(3) 430mA 400mA

3



Zertifizierungsstelle

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

Dipl.-Ing. W. Hermitschke

Hitachi Global Storage Technologies
Japan, Ltd.
Mr. Tatsuoki Shinohara, Project
Manager
Quality System
Fujisawa Plant
1 Kirihara-cho
Fujisawa-shi, Kanagawa
252-8588 JAPAN

Date : 19.11.2010
Our ref. : YOT ZJL
Your ref.: 1009478

Ref : R TÜV-Mark Approval

Type of Equipment : Hard Disk Drive
Model Designation : See Certificate
Certificate No. : R 50024834 0034
Report No. : 12004967 032

Dear Mr. Tatsuoki Shinohara,

The above specified technical equipment has been tested and found to be in accordance with the relevant requirements.

Please find enclosed your certificate as specified above.

If cancellation of the certificate is submitted by 15 November in a given year, no fee will be charged for the following year.

We appreciate your support and would like to offer our assistance in the approval of your future products through our extensive range of technical services. Please feel free to contact us whatever your requirements may be.

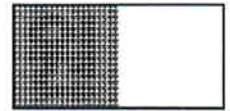
With kind regards,

Certification Body


Dipl.-Ing. W. Herlitschke

CC: NATOM Corporation

Enclosure



방송통신기기인증서

Certificate of Broadcasting and Communication Equipment

인증의 종류 <i>Certification Type</i>	전자파적합등록(EMC Registration)
상호 또는 성명 <i>Trade Name or Applicant</i>	HITACHI GLOBAL STORAGE TECHNOLOGIES JAPAN, LTD.
기기의 명칭 <i>Equipment Name</i>	Hard Disk Drive
기본모델명 <i>Basic Model Number</i>	DS5SAE100
파생모델명 <i>Series Model Number</i>	DS5SAE250,DS5SAE320,DS5SAE500,DS5SAE750
인증번호 <i>Certification No</i>	HTB-DS5SAE100 (B)
제조사/ 제조국가 <i>Manufacturer/ Country of Origin</i>	Hitachi Global Storage Products(Shenzhen)Co., Ltd./중국
인증연월일 <i>Date of Certification</i>	2010년(Year) 12월(Month) 24일(Date)
기타 <i>Others</i>	

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.

2010년(Year) 12월(Month) 24일(Date)

전파연구소장

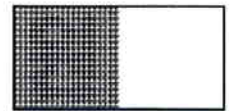


*Director General of Radio Research Agency
Korea Communications Commission Republic of Korea*

※ 진위여부는 www.ekcc.go.kr에서 확인할 수 있습니다.

※ 복사본은 상단 복사방지마크의 '원' 또는 '본' 글자가 사라집니다.





방송통신기기인증서

Certificate of Broadcasting and Communication Equipment

인증의 종류 <i>Certification Type</i>	전자파적합등록(EMC Registration)
상호 또는 성명 <i>Trade Name or Applicant</i>	HITACHI GLOBAL STORAGE TECHNOLOGIES JAPAN, LTD.
기기의 명칭 <i>Equipment Name</i>	Hard Disk Drive
기본모델명 <i>Basic Model Number</i>	DS7SAE100
파생모델명 <i>Series Model Number</i>	DS7SAE250,DS7SAE320,DS7SAE500,DS7SAE750
인증번호 <i>Certification No</i>	HTB-DS7SAE100 (B)
제조사/ 제조국가 <i>Manufacturer/ Country of Origin</i>	Hitachi Global Storage Products(Shenzhen)Co., Ltd./중국
인증연월일 <i>Date of Certification</i>	2010년(Year) 12월(Month) 24일(Date)
기타 <i>Others</i>	

위 기기는 「전기통신기본법」, 「전파법」에 따라 인증되었음을 증명합니다.
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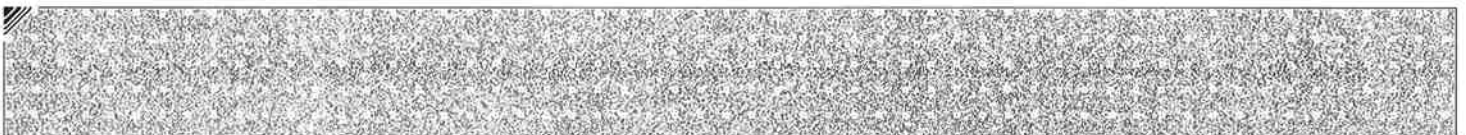
전파연구소장



*Director General of Radio Research Agency
Korea Communications Commission Republic of Korea*

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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)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) DS5SAE100 (2) DS5SAE750

Commodity Type (Model)

(3) DS5SAE500 (4) DS5SAE320

(5) DS5SAE250

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: KSP10X116

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 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 99 年 11 月 24 日

DATE

(year)

(month)

(day)



