



**TS5SAAxxx**  
**(HTS5450xxB9SAxx/HTS5450xxB9A3xx**  
**HTE5450xxB9A3xx/HCC5450xxB9A3xx)**

## **Agency Approval Letters**

**C-UL / CE / TUV / DoC / MIC / C-Tick**

March 26, 2009

 **Hitachi Global Storage Technologies**



the standard in safety

Underwriters  
Laboratories

## NOTICE OF AUTHORIZATION TO APPLY THE UL MARK

2008/08/29  
Mr. Tatsuoki Shinohara  
HITACHI GLOBAL STORAGE TECHNOLOGIES JAPAN LTD  
FUJISAWA PLANT  
1 KIRIHARACHO  
FUJISAWA-SHI, KANAGAWA252-8588, JP

Our Reference: File & Volume X1 File E182115, Volume X1 Project Number 08NK18058

Your Reference: 3922915

Project Scope: HARD DISK DRIVE, TS5SAAAnn

Dear Mr. Tatsuoki Shinohara:

UL's investigation of your product 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 only at authorized factories under UL's Follow-Up Service Program.

To provide the manufacturer with the intended authorization to use the UL Mark, the addressee must send a copy of this notice to each manufacturing location currently authorized in File E182115, Volume X1.

This authorization is effective from the date of this Notice and only for products at the indicated manufacturing locations. Records in the Follow-Up Services Procedure covering the product are now being prepared and will be sent in the near future. Authorization to apply the UL Mark is only effective for 90 days from the date of this letter.

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

Very truly yours,

Reviewed by:

Tsutomu Takahashi  
+81 596 24 7207  
Engineer  
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Satoru Ohnishi  
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I-TEC CORP  
TKY99D7-02CDE8

**HITACHI**  
Inspire the Next

Hitachi Global Storage Technologies Japan, Ltd.  
1, Kirihara-cho, Fujisawa-shi  
Kanagawa, 252-8588, Japan  
URL: <http://www.hgst.com>

**EC DECLARATION OF CONFORMITY**

for

Hitachi TS5SAAxxx

Hard Disk Drive

(xxx : any numeral)

We Hitachi Global Storage Technologies Japan, Ltd., declare under our sole responsibility that the above-named products, manufactured by :

Hitachi Global Storage Technologies

to which this declaration relates, is in conformity with the requirements of Council Directive 2004/108/EC on the approximation of the laws of the Member States relating to electromagnetic compatibility.

This Declaration of Conformity is based upon compliance of the product with the following harmonized standards :

EN 55022: 2006 (Class B)  
EN 55024: 1998 / A1 : 2001 / A2 : 2003  
EN 60950-1:2001+A11




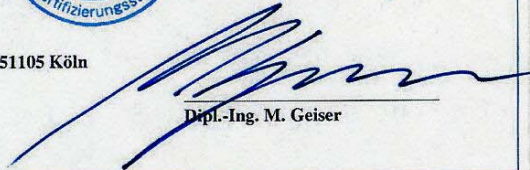
Signed :



Masamitsu Horike  
General Manager, DT/M PMC, Fujisawa

Place of issue : Hitachi Global Storage Technologies Japan, Ltd.  
1, Kirihara-cho, Fujisawa-shi, Kanagawa-ken,  
252-8588 Japan

Date of issue : Sep 19, 2008

<b>Zertifikat</b>		<b>Certificate</b>			
Zertifikat Nr. <i>Certificate No.</i> R 50024840		Blatt <i>Page</i> 0024			
<b>Ihr Zeichen</b> <i>Client Reference</i>	<b>Unser Zeichen</b> <i>Our Reference</i>	<b>Ausstellungsdatum</b>	<b>Date of Issue</b>		
0807375	ZJL-ASC- 12004968 027	09.09.2008	<i>(day/mo/yr)</i>		
<b>Genehmigungsinhaber</b> <i>License Holder</i>			<b>Fertigungsstätte</b> <i>Manufacturing Plant</i>		
Hitachi Global Storage Technologies Japan, Ltd. Fujisawa Plant 1 Kirihara-cho Fujisawa-shi, Kanagawa 252-8588 JAPAN			Hitachi Global Storage Technologies Japan, Ltd. Fujisawa Plant 1 Kirihara-cho Fujisawa-shi, Kanagawa 252-8588 JAPAN		
<b>Prüfzeichen</b> <i>Test Mark</i>		<b>Geprüft nach</b> <i>Tested acc. to</i>			
		EN 60950-1:2001+A11			
<b>Zertifiziertes Produkt</b> <i>(Geräteidentifikation)</i>		<b>Lizenzentgelte - Einheit</b>			
<b>Certified Product</b> <i>(Product Identification)</i>		<b>License Fee - Unit</b>			
<u>Plattenspeicher</u> Hard Disk Drive					
Addition					
Type Designation :	TS5SAAnnn				1
		ES4PAAnnn			1
		ES4SAAnnn			1
	n = 0 - 9				
Rated Current :	700mA	600mA			
Remark: The labelling requirements acc. to EU Directive 2001/95 have to be observed for distribution within the EEA.					
3					
<p>Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde. Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht. This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.</p>					
<p>TÜV Rheinland Product Safety GmbH, Am Grauen Stein, D-51105 Köln 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</p>				 Zertifizierungsstelle	
				 Dipl.-Ing. M. Geiser	

## 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) 2.5inch 硬碟機  
 Commodity Name

(英文) 2.5 inch Hard Disk Drive

商品型式 (或型號)： (1)TS5SAA500 (2)TS5SAA400 (3)TS5SAA320  
(4)TS5SAA250 (5)TS5SAA160 (6)TS5SAA120  
(7)TS5SAA800

Commodity Type (Model)

符合之檢驗標準及版次： CNS13438(C6357) 乙類(95 年 6 月 1 日修訂版)  
 Standard(s) and version

試驗報告編號： KSI087145  
 Test Report Number

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

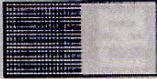
(SL2-IN/A1-E-6003)

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 八 月 二 十 八 日

DATE (year) (month) (day)


전자문서확인번호 CCNT-VG8P-H7JR-FEVM 

## 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>	TSS5SAA500
파생모델명 <i>Series Model Number</i>	TS5SAA400, TS5SAA320, TS5SAA250, TS5SAA160, TS5SAA120, TS5SAA800
인증번호 <i>Certification No</i>	HTB-TS5SAA500 (B)
제조사/ 제조국가 <i>Manufacturer/Country of Origin</i>	Hitachi Global Storage Technologies(Thailand),Ltd., Union Technology (2008) Public Company Limited, Sriracha Plant/태국
인증연월일 <i>Date of Certification</i>	2008년(Year) 08월(Month) 27일(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.

2008년(Year) 09월(Month) 02일(Date)  
전파연구 

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

\* 권위여부는 [www.kcc.go.kr](http://www.kcc.go.kr)에서 확인할 수 있습니다. \* 복사본은 해당 복사방지마크의 '원' 또는 '본' 글자가 사라집니다.

## 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

57 099 627 266

### Product details

HITACHI GLOBAL STORAGE TECHNOLOGIES TRAVELSTAR 5K500.B  
2.5 INCH 5400 RPM 3.0 Gbps SATA INTERFACE HARD DISC DRIVE

TYPE NAMES: TS5SAA500  
TS5SAA400  
TS5SAA320  
TS5SAA250  
TS5SAA160  
TS5SAA120  
TS5SAA800

### 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

EN55022:1998 / A1:2000 / A2:2003  
IEC CISPR22: 2003-04

EMC TEST REPORT NUMBER: KSI087141 DATED AUGUST 25<sup>TH</sup> 2008  
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

16<sup>TH</sup> September 2008

### 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**

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43 FOREST LANE  
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HITACHI GLOBAL STORAGE TECHNOLOGIES TRAVELSTAR 5K500.B  
2.5 INCH 5400 RPM 1.5 Gbps SATA INTERFACE HARD DISC DRIVE

TYPE NAMES: TS5SAA500  
TS5SAA400  
TS5SAA320  
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TS5SAA160  
TS5SAA120  
TS5SAA800

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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

EN55022:1998 / A1:2000 / A2:2003  
IEC CISPR22: 2003-04

EMC TEST REPORT NUMBER: KSI087142 DATED AUGUST 6<sup>TH</sup> 2008  
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

16<sup>TH</sup> September 2008