

# HTx5410xxG9SA00 (Travelstar 5K100 & E5K100) Agency Approval Letters (SATA)



visionary innovation

C-UL  
CE  
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An Affiliate of  
**Underwriters  
Laboratories Inc.**

**UL Apex Co., Ltd.**  
Head Office  
4383-326 Asama-cho  
80-01  
Mie  
516-0021 Japan  
www.ulapex.jp  
tel: 0598 (24) 6717  
fax: 0596 (24) 8020

## NOTICE OF AUTHORIZATION TO APPLY THE UL MARK

2004-10-18

Ms. N. WATANABE  
HITACHI GLOBAL STORAGE  
TECHNOLOGIES JAPAN LTD  
C/O I-TEC CORPORATION  
3-165-12 SENGENCHO  
NISHI-KU  
YOKOHAMA 220-0072 JAPAN

Fax number: 045-322-1088

Reference: File E182115 Project 04NK24547  
Product: USR/CNR – Alternate Construction: Hard Disk Drive, Models HTS4240nnM9AT00 series due to addition of model designations, Models HTS5410nnX9SA00 and HTE5410nnX9SA00, and report corrections.

Dear Ms. Watanabe,

Any information and documentation provided to you involving UL Mark services are provided on behalf of Underwriters Laboratories Inc.

UL's investigation of your product has been completed under the above project number and the subject 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 Recognized Marking and/or Recognized Component Mark only at the factory under UL's Follow-Up Service Program to the subject product, which is constructed as described below:

Similar to the subject models, which were submitted to UL for this investigation. The UL Records covering the product will be in the Follow-Up Services Procedure, Report ref#: E182115-A1.

To provide the manufacturer with the intended authorization to use the UL Mark, the addressee must send a copy of this Notice and all attached material to each manufacturing location as 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 to the indicated manufacturing locations in the near future. Please note that Follow-Up Services Procedures are sent to the manufacturers only unless the Applicant specifically requests this document.

Products that bear the UL Mark shall be identical to those that were evaluated by UL and found to comply with UL's requirements. If changes in construction are discovered, appropriate action will be taken for products not in conformance with UL's requirements and continued use of the UL Mark may be withdrawn.

Very truly yours,

*Masahiro Nakaya*  
MASAHIRO NAKAYA  
Project Handler II

Reviewed by:

*Tsutomu Abe*  
TSUTOMU ABE  
Project Engineer

Prepared by:

NAO MAEDE  
Engineer

An independent organization working for a safer world with integrity, precision and knowledge.



**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 HTS5410xxG9SA00    Hard Disk Drive**  
**Hitachi HTE5410xxG9SA00    Hard Disk Drive**

( xx : 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

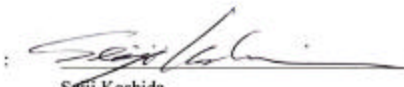
to which this declaration relates, is in conformity with the requirements of Council Directive 89/336/EEC on the approximation of the laws of the Member States relating to electromagnetic compatibility.

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

EN 55022: 1998 / A1 : 2000 / A2 : 2003 (Class B)

EN 55024: 1998 / A1 : 2001

Signed :



Setji Koshida

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 :

10/21/2004

FROM I-TEC CORP 04/10/14 17:14 FAX 045 470 8040 TUV RHEINLAND JAPAN +1-TEC 2004E10R148 (K) 19:12/10/10/2004201586925 P 3 @003

## Zertifikat

## Certificate



Zertifikat Nr. Certificate No. Blatt Page  
R 50024840 0008

Ihr Zeichen Client Reference	Unser Zeichen Our Reference	Ausstellungsdatum Date of Issue (day/month)
0409469	ZJ-MAH- 12004968 006	14.10.2004

Genehmigungsinhaber License Holder	Fertigungsstätte Manufacturing Plant
Hitachi Global Storage Technologies Japan, Ltd. Fujisawa Plant 1 Kirihara-cho Fujisawa-shi, Kanagawa 252-8555 Japan	Hitachi Global Storage Technologies Japan, Ltd. Fujisawa Plant 1 Kirihara-cho Fujisawa-shi, Kanagawa 252-8555 Japan

I Zeichen Test Mark Geprüft nach Tested acc. to  
EN 60950:2000



Zertifiziertes Produkt (Geräteidentifikation)  
Certified Product (Product Identification)

Lizenzentgelte - Einheit  
License Fee - Unit

Plattenspeicher Hard Disk Drive

Addition

Type Designations: HTS5410nnx9SA00  
HTS5410nnx9SA00

n = 0 - 9  
x = A - Z or 0 - 9

Rated Current: 1.0A



ANLAGE (Appendix): 1

Dieses 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.

TÜV Rheinland Product Safety GmbH, Am Grauen Stein, D-51105 Köln

Tel.: (+49/221) 8 06 - 13 71 Fax: (+49/221) 8 06 - 39 35 e-mail: Aldhoff@tdc.arv.com

Zertifizierungsstelle

*W. Berlitschke*  
Dipl.-Ing. W. Berlitschke

## 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) 2.5 inch 硬碟機

Commodity Name

(英文) 2.5inch Hard Disk Drive

商品型式(或型號)：(1) HTS541010G9SA00 (2) HTS541080G9SA00

Commodity Type (Model)

(3) HTS541060G9SA00 (4) HTS541040G9SA00

(5) HTS541020G9SA00 (6) HTE541010G9SA00

(7) HTE541080G9SA00 (8) HTE541060G9SA00

(9) HTE541040G9SA00 (10) HTE541020G9SA00

符合之檢驗標準及版次：CNS13438(6375) 乙類(1997)

Standard(s) and version

試驗報告編號：KSI049082

Test Report Number

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

Testing laboratory name and designation number

(SL2-IN-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 九十三年 十月 十三 日

DATE

(year)

(month)

(day)

## 정보통신기기 인증서

### Certificate of Information and Communication Equipment

인 증 종 류 전자파적합등록(EMC Registration)  
*Certification Type*

성 명 또 는 상 호 히타치글로벌스토리지테크놀러지스아시아퍼티아일랜드  
*Trade Name or Applicant*

기 기 의 명 칭 HDD  
*Equipment Name*

기 기 의 모 델 명 HTS541020G9SA00  
*Model Number of Equipment*

인 증 번 호 E-H011-04-4023 (B)  
*Certification No*

제 조 자 및 제 조 국 가 HITACHI GLOBAL STORAGE TECHNOLOGIES THAILAND, LTD./태국  
*Manufacturer and Country of Origin*

인 증 년 월 일 2004년(Year) 09월(Month) 24일(Date)  
*Date of Certification*

기 타  
*Others*

위 기기는 정보통신기기 인증규칙에 의해 인증되었음을 증명합니다.

*It is certified that foregoing equipment has been certificated under the provisions of the Regulations on Certification of Information and Communication Equipment.*

2004년(Year) 09월(Month) 24일(Date)

전 파 연 구 소 장

Director General of Radio Research Laboratory  
Ministry of Information and Communication  
Republic of Korea

## 정보통신기기 인증서

### Certificate of Information and Communication Equipment

인 증 종 류	전자파적합등록(EMC Registration)
<i>Certification Type</i>	
성 명 또 는 상 호	히타치글로벌스토리지테크놀러지스아시아퍼티어엘티디
<i>Trade Name or Applicant</i>	
기 기 의 명 칭	HDD
<i>Equipment Name</i>	
기 기 의 모 델 명	HTS541040G9SA00
<i>Model Number of Equipment</i>	
인 증 번 호	E-H011-04-4088 (B)
<i>Certification No</i>	
제 조 자 및 제 조 국 가	HITACHI GLOBAL STORAGE TECHNOLOGIES THAILAND, LTD./태국
<i>Manufacturer and Country of Origin</i>	
인 증 년 월 일	2004년(Year) 10월(Month) 01일(Date)
<i>Date of Certification</i>	
기 타	
<i>Others</i>	

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2004년(Year) 10월(Month) 01일(Date)

전 파 연 구 소 장

Director General of Radio Research Laboratory  
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## 정보통신기기 인증서

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인 증 종 류 전자파적합등록(EMC Registration)  
*Certification Type*

성 명 또 는 상 호 히타치글로벌스토리지테크놀러지스아시아파티어엘티디  
*Trade Name or Applicant*

기 기 의 명 칭 HDD  
*Equipment Name*

기 기 의 모 델 명 HTS541060G9SA00  
*Model Number of Equipment*

인 증 번 호 E-H011-04-4022 (B)  
*Certification No*

제 조 자 및 제 조 국 가 HITACHI GLOBAL STORAGE TECHNOLOGIES THAILAND, LTD./태국  
*Manufacturer and Country of Origin*

인 증 년 월 일 2004년(Year) 09월(Month) 24일(Date)  
*Date of Certification*

기 타  
*Others*

위 기기는 정보통신기기 인증규칙에 의해 인증되었음을 증명합니다.

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2004년(Year) 09월(Month) 24일(Date)

전 파 연 구 소 장

*Director General of Radio Research Laboratory  
Ministry of Information and Communication  
Republic of Korea*

## 정보통신기기 인증서

### *Certificate of Information and Communication Equipment*

인 증 종 류 <i>Certification Type</i>	전자파적합등록(EMC Registration)
성 명 또 는 상 호 <i>Trade Name or Applicant</i>	히타치글로벌스토리지테크놀러지스아시아퍼티어벨티디
기 기 의 명 칭 <i>Equipment Name</i>	HDD
기 기 의 모 델 명 <i>Model Number of Equipment</i>	HTS541080G9SA00
인 증 번 호 <i>Certification No</i>	E-H011-04-4042 (B)
제 조 자 및 제 조 국 가 <i>Manufacturer and Country of Origin</i>	HITACHI GLOBAL STORAGE TECHNOLOGIES THAILAND, LTD./태국
인 증 년 월 일 <i>Date of Certification</i>	2004년(Year) 09월(Month) 24일(Date)
기 타 <i>Others</i>	

위 기기는 정보통신기기 인증규칙에 의해 인증되었음을 증명합니다.  
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2004년(Year) 09월(Month) 24일(Date)

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Republic of Korea*

## 정보통신기기 인증서

### Certificate of Information and Communication Equipment

인 증 종 류 전자파적합등록(EMC Registration)  
*Certification Type*

성 명 또 는 상 호 히타치글로벌스토리지테크놀러지스아시아파티아엘티디  
*Trade Name or Applicant*

기 기 의 명 칭 HDD  
*Equipment Name*

기 기 의 모 델 명 HTS541010G9SA00  
*Model Number of Equipment*

인 증 번 호 E-H011-04-4043 (B)  
*Certification No*

제 조 자 및 제 조 국 가 HITACHI GLOBAL STORAGE TECHNOLOGIES THAILAND, LTD./태국  
*Manufacturer and Country of Origin*

인 증 년 월 일 2004년(Year) 09월(Month) 24일(Date)  
*Date of Certification*

기 타  
*Others*

위 기기는 정보통신기기 인증규칙에 의해 인증되었음을 증명합니다.  
*It is certified that foregoing equipment has been certificated under the provisions of the Regulations on Certification of Information and Communication Equipment.*

2004년(Year) 09월(Month) 24일(Date)

전 파 연 구 소 장

Director General of Radio Research Laboratory  
Ministry of Information and Communication  
Republic of Korea

## Supplier's declaration of conformity

For compliance levels 1, 2 and 3 in Australia and Levels of Conformity 1, 2 and 3 in New Zealand.  
As required by notices under section 152 of the Australian Radiocommunications Act 1992  
and section 134 of the New Zealand Radiocommunications Act 1989.



THIS COMPLETED FORM REMAINS WITH THE SUPPLIER  
AS PART OF THE DOCUMENTATION REQUIRED FOR THE COMPLIANCE RECORDS  
DO NOT RETURN TO THE ACA OR NZMED.

### Supplier details

Name (NAME OF MANUFACTURER OR IMPORTER)

NJM TECHNOLOGY SOLUTIONS

PTY LTD

Address (ADDRESS OF MANUFACTURER OR IMPORTER)

43 FOREST LANE, MARKWOOD

VICTORIA

POSTCODE 3678

ACA / NZMED supplier code number

N13508

Australian company number (ACN), or

099 627 246

Australian registered body number (ARBN), or

Australian business number (ABN), or

57 099 627 246

New Zealand company number (NZCN), or

New Zealand GST number

### Product details

Product description—brand name, model, lot, batch or serial number (IF AVAILABLE)

HITACHI GLOBAL STORAGE TECHNOLOGIES TRAVELSTAR 5K100  
2.5 INCH 5400 RPM SERIAL ATA INTERFACE HARD DISK DRIVE

MODELS COVERED: HTS541010G9SA00 HTE541010G9SA00  
HTS541080G9SA00 HTE541080G9SA00  
HTS541060G9SA00 HTE541060G9SA00  
HTS541040G9SA00 HTE541040G9SA00  
HTS541020G9SA00 HTE541020G9SA00

### Applicable Standards details

Standard title, number, edition and if applicable the test report number

AS/NZS 3538: 1995  
IEC CISPR22: 2003-04

EMC TEST REPORT No. TOKIN KSI049081 DATED OCTOBER 8TH 2004

### Declaration

I hereby declare that the product mentioned above complies with the  
above mentioned standards and all products supplied under this  
Declaration will be identical to the sample identified above.

Signature of supplier/agent

Date

21st Oct '04

NIGEL MATHESON

PRINT NAME

MANAGING DIRECTOR

POSITION IN ORGANISATION