

# HTx5410xxG9AT00 5K100 and E5K100 Agency Approval Letters

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



# HTx5410xxG9AT00 Agency Approval Letters

## C-UL Certification

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2004年4月27日



**Northbrook Division**  
333 Pfingsten Road  
Northbrook, IL 60062-2096 USA  
www.ul.com  
tel: 1 847 272 8800  
fax: 1 847 272 8129  
Customer service: 1 877 854 3577

### NOTICE OF AUTHORIZATION TO APPLY THE UL MARK

2004-04-22

Ms. Noriko Nakaide

Hitachi Global Storage Technologies  
Japan Ltd Fujisawa Plant  
1 Kirihara-Cho  
Fujisawa-Shi Kanagawa 252-0811  
Japan

Fax number: 011-81-45-322-1089

Reference: File E182115 Project 04NK11018 P.O. Number 0403219

Product(s): USR/CNR- MODELS: HTS5410nnX9AT00 & HTE5410nnX9AT00

Dear Ms. Nakaide,

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(s), which is (are) constructed as described below:

Similar to products covered in the UL Follow-Up Services Procedure, File E182115, Volume X1.

This authorization applies only to the address on this letter.

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action will be taken for products not in conformance with UL's requirements and continued use of the UL Mark may be withdrawn.

Sincerely,

Inna Katz  
Senior Project Engineer  
Department: 3013MNBK  
Tel: 847/664-2979  
Fax: 847/509-6298  
E-mail: Inna.Katz@us.ul.com

Reviewed by:

Laura Kriauciunas  
Senior Project Engineer  
Department: 3013MNBK  
E-mail: laura.kriauciunas@us.ul.com

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



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8:44:03

**HITACHI**  
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# HTx5410xxG9AT00 Agency Approval Letters

## CE Certification

**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 HTS5410xxG9AT00 Hard Disk Drive**  
**Hitachi HTE5410xxG9AT00 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 :

 6/01/04  
Seiji Koshida  
General Manager,  
HDD Manufacturing and Production Engineering

Place of issue :

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

Date of issue :

Jun 01, 2004





**HITACHI**  
Inspire the Next

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# HTx5410xxG9AT00 Agency Approval Letters

## TUV Certification

<b>Zertifikat</b>		<b>Certificate</b>			
Zertifikat Nr. <i>Certificate No.</i> R 50024840		Blatt <i>Page</i> 0007			
<b>Ihr Zeichen</b> <i>Client Reference</i>	<b>Unser Zeichen</b> <i>Our Reference</i>	<b>Ausstellungsdatum</b>	<b>Date of Issue</b> <i>(day/mo/yr)</i>		
0403220	ZJ-MIK- 12004968 005	26.04.2004			
<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 252-8555 Japan			Hitachi Global Storage Technologies Japan, Ltd. Fujisawa Plant 1 Kirihara-cho Fujisawa-shi, Kanagawa 252-8555 Japan		
<b>Prüfzeichen</b> <i>Test Mark</i>		<b>Geprüft nach</b> <i>Tested acc. to</i> EN 60950:2000			
					
<b>Zertifiziertes Produkt</b> <i>(Geräteidentifikation)</i> <b>Certified Product</b> <i>(Product Identification)</i>			<b>Lizenzentgelte</b> - <i>Einheit</i> <b>License Fee</b> - <i>Unit</i>		
<u>Plattenspeicher</u> Hard Disk Drive					
<b>Addition</b>					
Type Designations :	HTS5410nnx9AT00	1			
	HTE5410nnx9AT00	1			
	n = 0 - 9				
	x = A - Z or 0 - 9				
Rated Current :	1.0A				
			2		
ANLAGE (Appendix): 1					
<small>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.</small>					
TÜV Rheinland Product Safety GmbH, Am Grauen Stein, D-51105 Köln			Zertifizierungsstelle		
Tel.:(+49/221)8 06 - 13 71 Fax:(+49/221)8 06 - 39 35 e-mail: Althoff@de.tuv.com					
			Dipl.-Ing. W. Nölke		

# HTx5410xxG9AT00 Agency Approval Letters

## DoC Certification

### 符合性聲明書 Declaration of Conformity

報驗義務人代碼	編	號
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

報驗義務人：新加坡商日立環球儲存科技股份有限公司 臺灣分公司

地址：臺北市敦化北路 167 號 5 樓(宏國大樓)

電話：(02)3518-1681

商品中(英)文名稱：(中文) 2.5inch 硬碟機

(英文) 2.5inch Hard Disk Drive

商品型式(或型號)：(1) HTS541010G9AT00 (2) HTS541080G9AT00

(3) HTS541060G9AT00 (4) HTS541040G9AT00

(5) HTS541030G9AT00 (6) HTS541020G9AT00

(7) HTE541010G9AT00 (8) HTE541080G9AT00

(9) HTE541060G9AT00 (10) HTE541040G9AT00

(11) HTE541020G9AT00

符合之檢驗標準及版次：CNS 13438(6375) 乙類 (1997)

試驗報告編號：KSI043151

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

(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。



報驗義務人：新加坡商日立環球儲存科技股份有限公司臺灣分公司(簽章)

中華民國九十三年四月十四日

# HTx5410xxG9AT00 Agency Approval Letters

## MIC Certification

**정보통신기기 인증서**  
*Certificate of Information and Communication Equipment*

인증종류 <i>Certification Type</i>	전자파적합등록(EMC Registration)
성명 또는 상호 <i>Trade Name or Applicant</i>	히타치글로벌스토리지테크놀러지스아시아퍼티아멜티디
기기의 명칭 <i>Equipment Name</i>	HDD
기기의 모델명 <i>Model Number of Equipment</i>	HTS541010G9AT00
인증번호 <i>Certification No</i>	E-H011-04-1613 (B)
제조사 및 제조국가 <i>Manufacturer and Country of Origin</i>	HITACHI GLOBAL STORAGE TECHNOLOGIES THAILAND, LTD./태국
인증년월일 <i>Date of Certification</i>	2004년(Year) 04월(Month) 26일(Date)
기타 <i>Others</i>	

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) 04월(Month) 26일(Date)

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

# HTx5410xxG9AT00 Agency Approval Letters

## MIC Certification

**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	히타치글로벌스토리지테크놀러지스아시아퍼티아일랜드
<i>Trade Name or Applicant</i>	
기 기 의 명 칭	HDD
<i>Equipment Name</i>	
기 기 의 모 델 명	HTS541080G9AT00
<i>Model Number of Equipment</i>	
인 증 번 호	E-H011-04-1615 (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) 04월(Month) 26일(Date)
<i>Date of Certification</i>	
기 타	
<i>Others</i>	

위 기기는 정보통신기기 인증규칙에 의해 인증되었음을 증명합니다.  
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2004년(Year) 04월(Month) 26일(Date)

**전 파 연 구 소 장**  
*Director General of Radio Research Laboratory*  
*Ministry of Information and Communication*  
*Republic of Korea*

# HTx5410xxG9AT00 Agency Approval Letters


## MIC Certification

**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	히타치글로벌스토리지테크놀러지스아시아퍼티아일랜드
<i>Trade Name or Applicant</i>	
기 기 의 명 칭	HDD
<i>Equipment Name</i>	
기 기 의 모 델 명	HTS541060G9AT00
<i>Model Number of Equipment</i>	
인 증 번 호	E-H011-04-1641 (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) 04월(Month) 26일(Date)
<i>Date of Certification</i>	
기 타	
<i>Others</i>	

위 기기는 정보통신기기 인증규칙에 의해 인증되었음을 증명합니다.  
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2004년(Year) 04월(Month) 26일(Date)

전 파 연 구 소 장 

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

# HTx5410xxG9AT00 Agency Approval Letters

## MIC Certification

**정보통신기기 인증서**  
*Certificate of Information and Communication Equipment*

인 증 종 류 <i>Certification Type</i>	전자파적합등록(EMC Registration)
성 명 또는 상 호 <i>Trade Name or Applicant</i>	히타치글로벌스토리지테크놀러지스아시아퍼티아일랜드
기 기 의 명 칭 <i>Equipment Name</i>	HDD
기 기 의 모 델 명 <i>Model Number of Equipment</i>	HTS541040G9AT00
인 증 번 호 <i>Certification No</i>	E-H011-04-1642 (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) 04월(Month) 26일(Date)
기 타 <i>Others</i>	

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) 04월(Month) 26일(Date)

**전 파 연 구 소 장**  
*Director General of Radio Research Laboratory*  
*Ministry of Information and Communication*  
*Republic of Korea*

# HTx5410xxG9AT00 Agency Approval Letters

## MIC Certification

**정보통신기기 인증서**  
*Certificate of Information and Communication Equipment*

인 증 종 류 <i>Certification Type</i>	전자파적합등록(EMC Registration)
성 명 또는 상 호 <i>Trade Name or Applicant</i>	히타치글로벌스토리지테크놀로지스아시아퍼티어얼티디
기 기 의 명 칭 <i>Equipment Name</i>	HDD
기 기 의 모 델 명 <i>Model Number of Equipment</i>	HTS541030G9AT00
인 증 번 호 <i>Certification No</i>	E-H011-04-1660 (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) 04월(Month) 29일(Date)
기 타 <i>Others</i>	

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) 04월(Month) 29일(Date)  
**전 파 연 구 소 장**  
*Director General of Radio Research Laboratory*  
*Ministry of Information and Communication*  
*Republic of Korea*

# HTx5410xxG9AT00 Agency Approval Letters

## MIC Certification

**정보통신기기 인증서**  
*Certificate of Information and Communication Equipment*

인 증 종 류 <i>Certification Type</i>	전자파적합등록(EMC Registration)
성 명 또는 상 호 <i>Trade Name or Applicant</i>	히타치글로벌스토리지테크놀러지스아시아퍼티아일랜드
기 기 의 명 칭 <i>Equipment Name</i>	HDD
기 기 의 모 델 명 <i>Model Number of Equipment</i>	HTS541020G9AT00
인 증 번 호 <i>Certification No</i>	E-H011-04-1659 (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) 04월(Month) 29일(Date)
기 타 <i>Others</i>	

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) 04월(Month) 29일(Date)


**전 파 연 구 소 장**  
*Director General of Radio Research Laboratory*  
*Ministry of Information and Communication*  
*Republic of Korea*

# HTx5410xxG9AT00 Agency Approval Letters


## C-Tick Certification

**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 notice under section 182 of the Australian Radiocommunications Act 1992  
and section 134 of the New Zealand Radiocommunications Act 1989.



RF 3 (AUG 02)  
Australian  
Communications  
Authority




Economic  
Development  
AUSTRALIA  
New Zealand

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	
<small>Name (NAME OF MANUFACTURER OR IMPORTER)</small>	<small>Australian company number (ACN), or</small>
NJM TECHNOLOGY SOLUTIONS PTY LTD	089 627 246
<small>Address (ADDRESS OF MANUFACTURER OR IMPORTER)</small>	<small>Australian registered body number (ARBN), or</small>
43 FOREST LANE, MARKWOOD, VICTORIA <small>postcode</small> 3678	
<small>ACA / NZMED supplier code number</small>	<small>Australian business number (ABN), or</small>
N13508	57 099 627 246
	<small>New Zealand company number (NZCN), or</small>
	<small>New Zealand GST number</small>

Product details	
<small>Product description—brand name, model, lot, batch or serial number (if APPLICABLE)</small>	
HITACHI GLOBAL STORAGE TECHNOLOGIES TRAVELSTAR 5K100/E5K100 2.5 INCH 5400 RPM ATA INTERFACE HARD DISK DRIVE	
<small>MODEL NUMBERS</small>	HTS541010G9AT00    HTE541010G9AT00 HTS541080G9AT00    HTE541080G9AT00 HTS541060G9AT00    HTE541060G9AT00 HTS541040G9AT00    HTE541040G9AT00 HTS541030G9AT00 HTS541020G9AT00    HTE541020G9AT00

Applicable Standards details	
<small>Standard title, number, edition and if applicable the test report number</small>	
AS/NZS 3548: 1995 IEC CISPR22: 2003-04	
EMC TEST REPORT NUMBER: TOKIN KSI043152 DATED APRIL 13th 2004	

Declaration	
<small>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.</small>	<small>Signature of supplier / agent</small>
	
	<small>Date</small>
	14 05 04
	NIGEL MATHESON
	<small>PRINT NAME</small>
	MANAGING DIRECTOR
	<small>POSITION IN ORGANISATION</small>