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Author: Regulatory Assurance

CERTIFICATE OF COMPLIANCE

Certificate Number Report Reference Issue Date 20190212-E106814 E106814-A48-UL 2019-FEBRUARY-12

Issued to: SEAGATE TECHNOLOGY L L C 389 DISC DR LONGMONT CO 80503-9364]

This certificate confirms that representative samples of COMPONENT - INFORMATION TECHNOLOGY EQUIPMENT INCLUDING ELECTRICAL BUSINESS EQUIPMENT; COMPONENT - AUDIO/VIDEO, INFORMATION AND COMMUNICATION TECHNOLOGY EQUIPMENT] Hard Disk Drive STL008, STL009]

Have been investigated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

 Standard(s) for Safety:
 UL 60950-1, - (Information Technology Equipment - Safety - Part 1: General Requirements)

 CAN/CSA C22.2 No. 60950-1-07, -(Information Technology Equipment - Safety - Part 1: General Requirements)

 Additional Information:

 See the UL Online Certifications Directory at https://ig.ulprospector.com for additional information.

This Certificate of Compliance does not provide authorization to apply the UL Recognized Component Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.

Barnelly

Bruce Mahrenholz, Director North American Certification Program
UL LLC
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contact a local UL Customer Service Representative at <u>http://il.com/boutuflacution/</u>

CERTIFICATE OF COMPLIANCE

Certificate Number Report Reference Issue Date	20190212-E106814 E106814-20190201 2019-FEBRUARY-12
Issued to:	SEAGATE TECHNOLOGY L L C 389 DISC DR LONGMONT CO 80503-9364
his certificate confirms that representative samples of	COMPONENT - AUDIO/VIDEO, INFORMATION AND COMMUNICATION TECHNOLOGY EQUIPMENT] Hard Disk Drive STL008, STL009]
	Have been investigated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.
Standard(s) for Safety:	UL 62368-1, -(Audio/video, information and communication technology equipment Part 1: Safety requirements) CAN/CSA C22.2 No. 62368-1-14, -(Audio/video, information and communication technology equipment Part 1: Safety requirements)
Additional Information:	See the UL Online Certifications Directory at https://iq.ulprospector.com for additional information.

This Certificate of Compliance does not provide authorization to apply the UL Recognized Component Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.

Barney

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Bruce Mahrenholt, Binscor Komh American Certification Program
ULLLC
Any Information and documentation insolving UL Mark services are provided on behalf of UL LLC (UL) or any authorited licenses of UL. For questions, please
contact a local UL Customer Service Representatives at <u>http://dicensited.com/bout/flocations/</u>

		Ref. Certif. No.		
	US-33175-UL			
IEC SYSTEM FOR MUTUAL RECOGNITION OF T CB SCHEME	EST CERTIFICATES FOR	ELECTRICAL EQUIPMENT (IECEE)		
CB TEST CERTIFICATE				
Product	Hard Disk Drive			
Name and address of the applicant	SEAGATE TECHNOLOG ³ 389 DISC DR LONGMONT CO 80503-9 UNITED STATES			
Name and address of the manufacturer	SEAGATE TECHNOLOG 389 DISC DR LONGMONT CO 80503-9 UNITED STATES			
Name and address of the factory	SEAGATE TECHNOLOG	Y INTERNATIONAL (WUXI) CO LTD		
Note: When more than one factory, please report on page 2	Wuxi-Singapore Industrial CHINA	I, Zone B,Export Processing Zone Park Wuxi Jiangsu 214028 page 2		
Ratings and principal characteristics	5 Vdc/ 0.9 A, 12 Vdc/0.72/ (ratings are optional, no di	A		
Trademark (if any)	Seagate Seagate (C) Statute			
Type of Customer's Testing Facility (CTF) Stage used	CTF Stage 2			
Model / Type Ref.	STL008, STL009			
Additional information (if necessary may also be reported on page 2)		N 60950-1:2006 / A11:2009 / A1:2010 / nal Differences specified in the CB Test		
A sample of the product was tested and found to be in conformity with	IEC 60950-1:2005, IEC 60950-1:2005/AMD1:2009 IEC 60950-1:2005/AMD2:2013			
As shown in the Test Report Ref. No. which forms part of this Certificate				
This CB Test Certificate is issued by the National Certification Body				
(UL) =	LL (US), 533 Pårgetan Rd L 60082, Northbrock, USA LL (Derriko), Bongovang SA DK-2750 Balenup, DENMARK. LL (Cerriko), Mannouchi Trust Tower Main Building 6F, 1-8-3 Mannouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN LL (CA), 7 Lindoveritore Road, Toronto, M1R 384 Ontario, CANADA			
Date: 2019-02-08 Signature:	Date: 2019-02-06 Signature: Jelash for but and for the large and you want to be and the large and th			
	Jolanta M. Wroblewska			

IFC TECEE	Ref. Certif. No.
	US-33175-UL
Factories: SEAGATE TECHNOLOGY LLC C/O AUDIO VIDEO COLOR CORP 17707 S SANTA FE AVE EAST RANCHO DOMINGUEZ CA 90221-5419 UNITED STATES GREYSTONE DATA SYSTEM VIETNAM 82 LINH TRUNG EX PROCESSING ZONE II HO CHI MINH CITY VIETNAM SEAGATE TECHNOLOGY (THAILAND) LTD 90 MOO 15 A SUNGNEON, T SUNGNEON NAKHON RATCHASIMA 30170 THAILAND TELEPLAN TECHNOLOGY SERVICES SDN BHD 2580 TINGKAT PERUSAHAAN 4B ZON PERDAGANGAN BEBAS DUA 13800 MALAYSIA SEAGATE TECHNOLOGY L C 389 DISC DR LONGMONT CO 80503-9364 UNITED STATES UPS SCS LOGISTICA (BRASIL) LTDA AV DOUTOR ANTONIO JOAO ABDALLA, 280 GALPAO 400, PARTE "C" ABB COLINA CAJAMAR-SP 07750-020 BRAZIL	
Additional information (if necessary)	
UL (CR), Marunouchi Trusi Tower Main Builde LL (CA), 7 Linderweiters Read, Toronto, M1R	g BF, 1-8-3 Marunouchi, Chiyoda-ka, Tokyo 100-0005, JAPAN 384 Ontario, CANADA For full legal entity names are www.ul.com/ncbnames
Date: 2019-02-06 Signature: Jolanta M. Wroblewska)

IFC TECEE	Ref. Certif. No.
	US-33176-UL
IEC SYSTEM FOR MUTUAL RECOGNITION OF TH CB SCHEME	TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE)
CB TEST CERTIFICATE	
Product	Hard Disk Drive
Name and address of the applicant	SEAGATE TECHNOLOGY L L C 389 DISC DR LONGMONT CO 80503-9384 UNITED STATES
Name and address of the manufacturer	SEAGATE TECHNOLOGY L L C 389 DISC DR LONGMONT CO 80503-9384 UNITED STATES
Name and address of the factory	TELEPLAN TECHNOLOGY SERVICES SDN BHD
Note: When more than one factory, please report on page 2	2580 TINGKAT PERUSAHAAN 4B ZON PERDAGANGAN BEBAS DUA 13800 PULAU PERAI PENANG MALAYSIA Additional Information on page 2
Ratings and principal characteristics	5 Vdc/ 0.9 A, 12 Vdc/0.72A (ratings are optional)
Trademark (if any)	Seagate
Type of Customer's Testing Facility (CTF) Stage used	CTF Stage 2
Model / Type Ref.	STL008, STL009
Additional information (if necessary may also be reported on page 2)	Additionally evaluated to EN 62368-1:2014 / A11:2017; National Differences specified in the CB Test Report.
A sample of the product was tested and found to be in conformity with	IEC 62368-1:2014
As shown in the Test Report Ref. No. which forms part of this Certificate	E106814-A6001-CB-1 issued on 2019-02-01 E106814-A6001-CB-1 issued on 2019-02-05
This CB Test Certificate is issued by the National Ce	ertification Body
	8), 333 Pingeten Rd L. 60082, Northbrok, USA Imko), Bongsang SA DK-2750 Ballenup, DENMARK 9, Manunouchi Trust Tower Main Bioliding GF. 1-8-3 Manunouchi, Chiyoda-ka, Tokyo 100-0005, JAPi 9, 7 Lindenemiens Road, Toronto, MTR 384 Ontario, CANADA
Date: 2019-02-06 Signature:	for full legal antity names are www.ul.com/ncbma

	Ref. Certif. No.	
	US-33176-UL	
Factories: SEAGATE TECHNOLOGY LLC C/O AUDIO VIDEO COLOR CORP 17707 S SANTA FE AVE EAST RANCHO DOMINGUEZ CA 90221-5419 UNITED STATES		
GREYSTONE DATA SYSTEM VIETNAM 62 LINH TRUNG EX PROCESSING ZONE II HO CHI MINH CITY VIETNAM		
SEAGATE TECHNOLOGY INTERNATIONAL (WUXI) CO LTD NO. 2 XING CHUANG ER LU, ZONE B, EXPORT PROCESSING ZONE WUX WUXI JIANGSU 214028 CHINA	I-SINGAPORE INDUSTRIAL PARK	
SEAGATE TECHNOLOGY L L C 389 DISC DR LONGMONT CO 80503-9364 UNITED STATES		
UPS SCS LOGISTICA (BRASIL) LTDA AV DOUTOR ANTONIO JOAO ABDALLA, 260 GALPAO 400, PARTE "C" ABB COLINA CAJAMAR-SP 07750-020 BRAZIL	ERTURAS 1 A 8 EMPRESARIAL	
SEAGATE TECHNOLOGY (THAILAND) LTD 90 MOO 15 A SUNGNEON, T SUNGNEON NAKHON RATCHASIMA 30170 THAILAND		
Additional information (if necessary)		
UL (US), 333 Pringstein Rd L. 60082, Northbri UL (US), 333 Pringstein Rd L. 60082, Northbri UL (Demko), Borupwang SA DK-2769 Baleng UL (JP), Manaroschi Trasi Tower Main Bailde UL (CA), 7 Underweiters Rosd, Toronio, MIR	i, DENMARK 19 87, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN	
Date: 2019-02-08 Jolanda Jaka	For full legal antity names are www.ul.com/ncbnames	
Signature: Jolanta M. Wroblewska	1	





CERTIFICATE

No. B 091950 0057 Rev. 00

Holder of Certificate:

Seagate Technology LLC 389 Disc Drive Longmont CO 80503 USA

Certification Mark:



Product:

Disk drives

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

Test report no .:

092-72144987-000

Valid until:

2024-02-12

Date, 2019-02-15

William P. Mella

Page 1 of 2 TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany

UNSUD TUNSUD CERTIFICAT **CERTIFICADO** ٠ СЕРТИФИКАТ ٠ 書題證認書 ٠ ш CERTIFICAT ٠ ZERTIFIKAT

TUV®



CERTIFICATE

No. B 091950 0057 Rev. 00

Model(s):

Regulatory Models: STL008 and STL009

12Vdc

Parameters:

Rated Input Voltage:	5Vdc / 12Vdc
Rated Frequency:	dc
Rated Input Current:	0.9A / 0.72A
Protection Class:	111
Degree of Protection:	IPX0

Conditions of Acceptability:

- 1. Disc drives are to be supplied by a reliably SELV power supply.
- Suitable enclosure (fire/mechanical) to be provided/evaluated when drive is installed in the end use 2
- product.
- 3. Proper air flow should be considered in the end use product to limit maximum case temperature to 60°C

Tested according to:

EN 62368-1:2014/A11:2017

Production Facility(ies):

061810, 064076

William P. Weller

DocuSign Envelope ID: 0A48ADD4-B0A6-45CC-A285-FDB13E5C7C45

Year to Begin Affixing Mark:

Manufacturer's Name: Manufacturer's Address: (And Importer)

European Contact:

Type of Equipment: Internal Product Name: Regulatory Model Number: Seagate Technology, LLC 10200 South De Anza Blvd. Cupertino, California 95014-3029 U.S.A.

Director of Operations Seagate Singapore Int'l HQ Pte. Ltd Koolhovenlaan 1 1119 NB Schiphol - Rijk The Netherlands

Hard Disc Drive Evans, SATA STL008

2019

This product or products are in conformity with the relevant Union harmonization legislation. This declaration of conformity is issued under the sole responsibility of Seagate Technology LLC.

February 25, 2019 | 09:49:37 PST

	DocuSigned by:			
Signature:	Matthew	С	Brown	
	191C27331AEB4C5			

Matthew C. Brown Vice President Operations Quality



Supplier's Declaration of Conformity

Declaration of Conformity as a registered and responsible supplier under the Australian Communications and Media Authority (ACMA) regulatory arrangements for Regulatory Compliance Mark (RCM) and it's placement.

Responsible Supplier Name: Seagate Technology Australia Pty Ltd Responsible Supplier Number: E806

Seagate Technology Australia Pty. Limited Level 7, 91 Phillip St PARRAMATTA NSW 2150 AUSTRALIA

Declare under our sole responsibility that the following product(s):

Hard Disc Drive

Model: STL008

to which this declaration relates is in conformity with the following standard(s):

Title

Test Regulation

Australian/New Zealand Standard

AS/NZS CISPR 32: 2015

(Name of the Authorized Person)	Sam Zavaglia

(Title of the Authorized Person) Senior Field Applications Engineer

(Date of Issue) 4th February 2019

(Signature)

符合性聲明書 Declaration of Confor		報動範務人代碼 Code of the applicant D33027	編號 Numbe 19022510
本符合性聲明書應依商品檢驗法規定備齊相關技術文件 Please check all the related technical documents in accordance with the Commodity In		igning the form.	
最驗義務人:台灣希捷科技股份有限公司(Seagate Technol	ogy Taiwan, Lt	d.)	_
bligatory Applicant			
b址:臺北市松山區復興北路 363 號 14 樓 B 室			
B話: <u>+886-2-25142273</u>			
lephone			
f品中(英)文名稱:硬式磁碟機 HDD			
ommodity Name 「品型式(或型號):(<u>STL008), ST16000DXOOO, ST16000NM008G</u> ,	2777 8 10 00 1 10 00 m		
T00000NM009G, ST44000NM002G, ST14000NM006G, ST4700NM000			
12000NM003G, ST12000NM005G, ST10000NM003G, ST10000NM005G			
14000NM003G, ST16000NMOO1G, ST10000VE00008, ST10000NM			
4400NM000G, ST18000NM000G, ST17000NM000G, ST12000NM0			
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14000DM001, ST14000VN0008, ST10000DM001 mmodity Type (Model)			
14000DM001, ST14000VN0008, ST10000DM001			
<u>14009DM001, ST14009VN0008, ST10000DM001</u> mmodily Type (Model) :合之檢驗標準及版次: <u>CNS 13438 (2006.6), CNS 14336-1 (</u> NS 15663 2013.7)	2010.9) Section		
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T40000DM001, ST14000VN0008, ST10000DM001 pmmodity Type (Model) 含之檢驗標準及版次: CNS 13438 (2006.6), CNS 14336-1 (CNS 15663 2013.7) andard(s) and version 聽報告編號: SEAG0209 (EMC), 19A0358, 19A0355, 19A03 st Report Number 聽室名稱及代號: Element Materials Technology (EMC), EMT (Envir sting laboratory name and designation number SL2-IN-E-1152R 含性聲明檢驗標識及識別號碼: a form of the DoC marking appears like this 算明上述商品符合商品檢驗法符合性發明之爆定、装饰違反本發明書所ereby declare that the listed commodity conforms to Designation of Conform	2010.9) Section 56 (EMT) onmental Monitor 3027 計5 計覺明之內容 , ity requirements	n.5 "Marking of pres ting and Technologies, J or OJ3027 RolfS 國意演負相關法律責任 tipulated in the Comm	ience" of
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E5A2-64CC-00DA-E13F

Registratio	n of Broadcasting and Communication Equipments		
상호 또는 성명 Tinde Name or Registrant	SEAGATE TECHNOLOGY LLC		
기자재명칭(제품명칭) Equipment Name	Hard Disc Drive		
기본모델명 Basic Model Manber	STL008		
파생모앨명 Series Model Number	ST16009DX000, ST16000NM008G, ST12000NM007G, ST14000NM010G, ST10000NM009G, ST44000NM002G, ST14000NM006G, ST4700NM000G, ST3000NM000G, ST14000NM008G, ST12000NM003G, ST12000NM005G, ST16000NM003G, ST10000NM005G, ST16000NM005G, ST4400NM004G, ST14000NM005G, ST16000NM006G, ST10000NM000G, ST17000NM006G, ST4400NM004G, ST16000NM003G, ST16000NM000G, ST17000NM000G, ST17000NM005G, ST12000NM001G, ST10000NM001G, ST12000NM000G, ST17000NM000G, ST14000NM005G, ST14000NM001G, ST16000NM003G, ST16000NM000G, ST17000NM000G, ST14000NM005G, ST14000NM001G, ST16000NM003G, ST16000NM000G, ST10000VE0000, ST10000VX000S, ST14000VX000, ST16000NM003G, ST16000NE000, ST12000VN000B, ST10000VX000S, ST12000VX000, ST16000NM003G, ST16000NE000S, ST14000VE000B, ST10000VX000B, ST12000VX000S, ST14000VX000B, ST14000NE000S, ST14000VN000B, ST10000VN000B, ST12000DM001, ST14000VN001, ST14000DM001, ST14000VN000B, ST10000DM001		
등록번호. Registration No.	R-R-STX-STL008		
제조자/제조(조립)국가 Manufacturer/Country of Origin	SEAGATE TECHNOLOGY LLC / 태국, 중국		
등록연원일 Date of Registration	2019-02-07		
기타 Others			
It is verified that foregoing e Waves Act. Director ※ 적합동국 방송	1 제58조의2 제3항에 따라 등록되었음을 증명합니다. equipment has been registered under the Clause 3, Article 58-2 of Radio 2019년(Year) 02월(Month) 12일(Day) 국립전파연구원장 말등 General of National Radio Research Agency 특신기자재는 반드시 "적합성평가표시" 들 부착하여 유통하여야 합니다. 위반시 파테표 치분 및 등록이 취소될 수 있습니다.		

Seagate Singapore Design Centre, Singapore

SKR004 (V11 3D/4D) Regulatory Assurance Certification



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This document has been issued electronically. Only the original recipient of the document will be notified with revision information.

> Issue Date: 7 Jan 2020 Revision 6.1

> > Page 1 of 17

Safety Certification

Test Objective:

Verifies that product meets the required Safety requirements as stipulated by UL, and TUV Safety Agencies; and also European Directives:

- UL 60950-1
- TUV EN 60950-1, IEC 60950-1, EN 62368-1, IEC 62368-1

Test Description:

The product was submitted to and tested by the safety agencies.

The product is certified for cUL mark through UL Korea under Underwriter Laboratories (UL) file E190397. Attached is the Certificate of Compliance to apply the cUL mark.

The product is certified for TUV SUD mark through TUV SUD Korea Corporation. Attached is the TUV SUD Certificate.

Pass/Fail Criteria:

Product meets the stipulated Safety requirements.

Product:

Product Name: Hard Disk Drive

Conclusion:

The unit passed the above safety tests and standards. Due to similarities in the hard disk drives, it was only necessary to test one model in order to pass for all models.

Agency / Standards	Conclusion	Approved to Bear Agency's Marks
UL60950-1	Compliance with applicable cUL	c FL [®] us
TUV EN 60950-1, IEC 60950-1 TUV EN 62368-1, IEC 62368-1	Compliance with IEC60950, EN60950, IEC62368, EN62368	SUD

CERTIFICATE OF COMPLIANCE

Certificate Number Report Reference Issue Date 20170428-E190397 E190397-A35-UL 2017-APRIL-28

Issued to:

SEAGATE SINGAPORE INTERNATIONAL HEADQUARTERS PTE LTD THE SHUGART 26 AYER RAJAH CRESCENT SINGAPORE 139944 SINGAPORE

COMPONENT - INFORMATION TECHNOLOGY This is to certify that representative samples of EQUIPMENT INCLUDING ELECTRICAL BUSINESS EQUIPMENT Hard Disk Drive: SKR004

> Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

See addendum for standards. Standard(s) for Safety: Additional Information:

See the UL Online Certifications Directory at www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service.

The UL Recognized Component Mark generally consists of the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark: M, may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual recognitions.

Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. The final acceptance of the component is dependent upon its installation and use in complete equipment submitted to UL LLC.

Look for the UL Certification Mark on the product.

Any int

III II C ation involving UL Mark services are provided on behalf of UL LLC (UL) or rvice Representative at http://ul.com/aboutu/locations/

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CERTIFICATE OF COMPLIANCE

Certificate Number Report Reference Issue Date 20170428-E190397 E190397-A35-UL 2017-APRIL-28

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Standards for Safety:

UL 60950-1, Information Technology Equipment - Safety - Part 1: General Requirements CAN/CSA C22.2 No. 60950-1-07, Information Technology Equipment - Safety - Part 1: General Requirements

Barrelly Bruce Ma th American Certific ULLLC

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Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any auth contact a local UL Customer Service Representative at <u>Introductornaboutublocations</u>!



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TÜV SÜD Product Service GmbH · Zertifizierstelle · Ridlerstraße 65 · 80339 München · Germany



TUV®

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Page 1 of 1





CERTIFICATE

No. B 061811 0165 Rev. 00

Holder of Certificate: Seagate Technology International The Shugart, 26 Ayer Rajah Cresent Singapore 139944 SINGAPORE 064076, 061810 Production Facility(ies): Certification Mark: Product: Hard disk drive Model(s): **SKR004** Rated input: 5 V d.c., 0.55 A and 12 V d.c. , 0.37 A Parameters: Protection class: iII. Remark: When installing, all requirements of below mentioned test standards must be fulfilled. SEAGATE Brand Name: EN 62368-1:2014/A11:2017 Tested according to: The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf. Test report no.: 077-1321819-000 Valid until: 2024-12-12 Park) Date. 2019-12-17

TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany

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Ref. Certif. No.

SG PSB-OF-00872A1

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

Name and address of the applicant Nom et adresse du demandeur

Name and address of the manufacturer Nom et adresse du fabricant

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

Ratings and principal characteristics Valeurs nominales et caractéristiques principales

Trade mark (if any) Marque de fabrique (si elle existe)

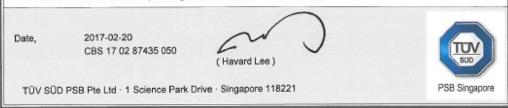
Model/type Ref. Ref. de type

Additional information (if necessary) Information complémentaire (si nécessaire)

A sample of the product was tested and found to be in conformity with Un échanillon de ce produit a été essayé et a été considéré conforme à la

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 une partie de ce certificat

This CB Test Certificate is issued by the National Certification Body Ce Certificat d'essai OC est établi par l'Organisme National de Certification



Hard disk drive

Rated input :

SEAGATE

SKR004

Protection class :

Group Differences. IEC 60950-1:2005

IEC 60950-1:2005/AMD1:2009

IEC 60950-1:2005/AMD2:2013

TÜV SÜD PSB Pte Ltd

077-2379216-001

Seagate Technology International

Seagate Technology International

18, 59 beon-gil, Poeun-daero Suji-gu

Yongin-city, Gyeonggi-do 448-130, REPUBLIC OF KOREA

111

Certificate SG PSB-OF-00872 issued 2016-10-31 is replaced by this

version due to non-technical changes. See Test Report for National and

Seagate Technology (Wuxi) International Co., Ltd.

JiangSu, PEOPLE'S REPUBLIC OF CHINA For further information please see attachment

18, 59 beon-gil, Poeun-daero Suji-gu, Yongin-city, Gyeonggi-do 448-130, REPUBLIC OF KOREA

106 Xing Chuang Er Lu., Wuxi-Singapore Industrial Park., 214028 Wuxi,

5 V d.c., 0.55 A and 12 V d.c., 0.37 A

	Ref. Certif. No.				
CB Certificate Ref. No. SC	CB Certificate Ref. No. SG PSB-OF-00872A1				
Additional factory information Name and address of the factory Nom et adresse de l'usine	Seagate Technology (Thailand) Ltd. 90 Moo 15 Tambol Sungnoen Amphur Sungnoen Nakhon Ratchasima 30170 THAILAND				
Trade Mark	SEAGATE				
Date: 2017-02-20	Signature: (Havard Lee)				

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Ref, Certif, No,

SG PSB-IV-01027

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

ob i Loi oli i lovi e				
Product	Hard disk drive			
Name and address of the applicant	Seagate Technology International The Shugart, 26 Ayer Rajah Cresent Singapore 139944 SINGAPORE			
Name and address of the manufacturer	Seagate Technology International The Shugart, 26 Ayer Rajah Cresent, Singapore 139944, SINGAPORE			
Name and address of the factory	Seagate Technology (Thailand) Ltd. 90 Moo 15 Tambol Sungnoen Amphur, Sungnoen, Nakhon Ratchasima 30170, THAILAND			
	Seagate Technology (Wuxi) International Co., Ltd. 106 Xing Chuang Er Lu, Wuxi-Singapore Industrial Park, 214028 Wuxi, JiangSu, PEOPLE'S REPUBLIC OF CHINA			
Ratings and principal characteristics	Rated input: 5 V d.c., 0.55 A and 12 V d.c., 0.37 A Protection class: III Remark: When installing, all requirements of below mentioned test standards must be fulfilled.			
Trade mark	SEAGATE			
Model/type Ref.	SKR004			
Additional information (if necessary)	See Test Report for National and Group Differences.			
A sample of the product was tested and found to be in conformity with	IEC 62368-1:2018			
as shown in the Test Report Ref. No. which forms part of this certificate	077-2321819-000			
This CB Test Certificate is issued by the National Certification Body				
CBS 061811 0166 Rev. 00				
Date, 2019-12-18	A Contraction of the second			
Page 1 of 1 TÜV SÜD PSB Pte Ltd • 1 Science Park Drive • S	(Kevin Park)			

ElectroMagnetic Compatibility

Test Objective:

Verify that the product, which is an internal computer peripheral with no direct connection to external I/O or power, meets applicable EMC emission and immunity standards when installed in a representative host system. This is done by verifying that the product, in the system, complies with the appropriate limits for FCC, CE Mark, C-tick(RCM), and VCCI. For FCC, applicable limits are found in CFR 47, Part 15, Subpart B, Class B, and for CE, C-tick(RCM), and VCCI are found in EN 55032 Class B. Immunity requirements for CE Marking are defined in EN 55024

Test Description:

Testing is performed with the drive installed in representative host system. The host system in this case, is a Notebook laptop or Desktop and the drive is exercised random write/read mode for all testing. The drive is monitored for correct operation throughout the testing.

Emission testing (performed at a 10m Chamber) and immunity testing are performed at an EMC facility, which has been certified by SAC-SINGLAS.

Emission testing consists of the following:

- 1. Conducted emissions, 150 kHz to 30 MHz, 110 Vac/60 Hz (FCC)
- 2. Conducted emissions, 150 kHz to 30 MHz, 230 Vac/50 Hz {CE, C-tick(RCM), VCCI}
- 3. Radiated emissions, 30 MHz to 1 GHz, 10-meter antenna distance
- 4. Radiated emissions, 1 GHz to 6 GHz, 3-meter antenna distance
- 5. AC power line harmonics, per EN61000-3-2 : 2014
- 6. AC power line flicker, per EN61000-3-3: 2013

Immunity testing includes the following:

- 1. Electrostatic discharge per IEC 61000-4-2 (Level B)
- 2. Radiated RF field immunity per IEC 61000-4-3 and EN 50204 (Level A)
- 3. Electrical Fast Transient/Burst per IEC 61000-4-4 (Level B)
- 4. Surge Immunity per IEC 61000-4-5 (Level B)
- 5. Conducted RF Immunity per IEC 61000-4-6 (Level A)
- 6. Power Frequency H-field Immunity per IEC 61000-4-8 (Level A)
- 7. Voltage Dips and Interrupts per IEC 61000-4-11 (Level B, C)

Pass/Fail Criteria:

For immunity testing, the drive must meet different levels of performance (A, B or C) for the various RF environments to which it is exposed. These are defined as follows:

Performance Level A - no degradation in performance, no loss of data

Performance Level B - degraded performance acceptable provided that 1) no data is lost and 2) unit self-recovers without user intervention after the RF environment has been withdrawn Performance Level C - reset acceptable, user intervention acceptable provided that unit suffers no permanent damage.

Product:

Product Name: SKR004 (V11 3D/4D)

Conclusion:

No modifications were made to pass. No Specification deviations, additions to or exclusions from were performed. Due to similarities in the drives, the test conclusions are applicable to hard disk drive.

Standard	Result	Approved to Bear CE & RCM Marks
EN 55032:2015 - Class B	Pass	
EN 61000-3-2: 2014	Pass	
EN 61000-3-3: 2013	Pass	
EN 55024: 2010	Pass	
IEC 61000-4-2: 2008	Pass	
IEC 61000-4-3: 2010	Pass	
IEC 61000-4-4: 1995	Pass	$\mathbf{\wedge}$
IEC 61000-4-5: 1995	Pass	
IEC 61000-4-6: 1996	Pass	
IEC 61000-4-8: 1993	Pass	Š
IEC 61000-4-11: 1994	Pass	

Test Data:

EMC Immunity Test Results

Specification	Test Method	Test Conditions	Compliance
Electrostatic Discharge	IEC 61000-4-2	4 kV Contact / HCP, VCP / 8 kV Air	Compliant
RF Radiated Immunity	IEC-61000-4-3 EN 50204	80 - 1000 MHz, 3 V/m, 80% 1 kHz AM	Compliant
EFT/Burst	IEC 61000-4-4	0.5 kV I/O, 1 kV AC mains	Compliant
Surge Immunity	IEC 61000-4-5	2 kV comm. mode, 1 kV diff. mode, AC mains	Compliant
Conducted RF Immunity	IEC 61000-4-6	150 kHz to 80 MHz, 3 Vrms, 80% 1 kHz AM, power and I/O	Compliant
Power Frequency Magnetic Field Immunity	IEC 61000-4-8	1 Amp / meter, 3 axes, 50 Hz and 60Hz	Compliant
Voltage Dips and Interrupts	IEC 61000-4-11	0% open and short for 5 seconds, 40% for 0.1 second, 70% for 0.01 second	Compliant

SEAGATE CE

EU DECLARATION OF CONFORMITY

TYPE OF EQUIPMENT: Hard REGULATORY MODEL: SKR Internal Product Name: V11 TRADE/BRAND NAME: Sea

Hard Disc Drive SKR004 V11 3D/4D Seagate

I. Product Safety and EMC Compliance

A. The Electromagnetic Compatibility (EMC) Directive 2014/30/EU by application of the following standards:

EN 55032:2012/AC: 2013	Electromagnetic compatibility of multimedia equipment — Emission requirements.
EN 55024:2010	Information technology equipment – Immunity characteristics – Limits and methods of measurement.
EN 61000-3-2:2014	Electromagnetic compatibility (EMC) - Part 3-2: Limits for harmonic current emissions (equipment input current <= 16 A per phase).
EN 61000-3-3:2013	Electromagnetic compatibility (EMC) - Part 3-3: Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current <= 16 A per phase.

B. The product meets the requirements of The Low Voltage Directive (LVD) 2014/35/EU by application of the following standard:

EN 60950-1:2006 /A11:2009	Information Technology Equipment - Safety- (Second Edition)	
/A1:2010 /A12:2011/A2:2013	Part 1: General Requirements	
EN 62368-1:2014/AC:2015	Audio/video, information and communication technology equipment - Part 1: Safety requirements (IEC 62368-1:2014, Modified)	

II. Product Environmental Compliance (EU/China)

A. The product(s) meets the requirements of the Directive 2011/65/EU RoHS "Recast" (RoHS 2) as amended by Directive (EU) 2015/863 and further amended by Directive 2018/739 and Directive 2018/740 and by application of the following standards:

EN 50581:2012	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances.
EN 62321-6:2015	Determination of certain substances in electrotechnical products. Polybrominated biphenyls and polybrominated diphenyl ethers in polymers by gas chromatography-mass spectrometry (GC-MS).
China RoHS	Management Methods for Controlling Pollution by Electronic Information Products, Ministry of Information Industry Order No. 39 (China RoHS)

China RoHS 2	Management Methods for the Restriction of the Use of Hazardous Substances in electrical and Electronic Products, Ministry of	
	Industry and Information Technology Order No. 32 effective July 1 2016 (China RoHS 2)	,
JS709B	Joint JEDEC/ECA Standard, Definition of "Low-Halogen" for Electronic Products	0

B. Seagate products rely on the following RoHS 2 exemptions for compliance:

6(a)-I	Lead as an alloying element in steel for machining purposes containing up to 0.35% lead by weight and in batch hot dip galvanised steel components containing up to 0.2% lead by weight
6(b)-II	Lead as an alloying element in aluminum for machining purposes up to 0.4% lead by weight
6(c)	Copper alloy up to 4% lead by weight
7(a)	Lead in high melting temperature type solders (i.e. lead-based solder alloys containing 85 % by weight or more lead)
7(c)-I	Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors (e.g. piezoelectronic devices) or in a glass or ceramic matrix compound

III. Due Diligence

- A. For parts and materials in Seagate products procured from external suppliers, we rely on the representations of our suppliers regarding the presence of RoHS 2 substances in these parts and materials. Our supplier contracts require compliance with our chemical substance restrictions, and our suppliers document their compliance with our requirements by providing material content declarations for all parts and materials for Seagate products. Current supplier declarations include disclosure of any substances regulated by RoHS 2 in such parts or materials.
- B. Seagate also has internal systems in place to ensure ongoing compliance and all laws and regulations. These systems include standard operating procedures that ensure that product safety, EMC and environmental compliance requirements are followed and an internal auditing process to ensure compliance with all standard operating procedures.

Year to Begin Affixing Mark: 2016

Manufacturer's Name: Manufacturer's Address:

European Contact:

10200 South De Anza Blvd. Cupertino, California 95014-3029 U.S.A. Seagate Technology International

Seagate Technology Internation Koolhovenlaan 1 1119 NB Schiphol-Rijk The Netherlands

Seagate Technology, LLC

Date of Issue: Jan 7, 2020

Signature:

Azeez Talha, Engineering Director

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Supplier's Declaration of Conformity

Declaration of Conformity as a registered and responsible supplier under the Australian Communications and Media Authority (ACMA) regulatory arrangements for Regulatory Compliance Mark (RCM) and it's placement.

Responsible Supplier Name: Seagate Technology Australia Pty Ltd Responsible Supplier Number: E806

Seagate Technology Australia Pty. Limited Level 7, 91 Phillip St PARRAMATTA NSW 2150 AUSTRALIA

Declare under our sole responsibility that the following product(s):

Hard Disk Data Storage Drive

Model: SKR004

Title		Test Regulation	
Australian/New Zealand Standard		AS/NZS CISPR 32: 2015	
(Name of the Au	thorized Person)	Sam Zavaglia	
(Title of the Auth	orized Person) Se	enior Field Applications Engineer	
(Date of Issue)	19 th October 2016		
(Signature)	the .		

Page **14** of **17**

符合性聲明書 Declaration of Conformity

報驗義務人代碼 Code of the applicant Number D33027 STX19050206

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: 台灣希捷科技股份有限公司(Seagate Technology Taiwan, Ltd.) Obligatory Applicant

地址: 臺北市松山區復興北路 363 號 14 樓 Address

電話: 02-2514-2273

Telephone

商品中(英)文名稱: 硬式磁碟機

Commodity Name

商品型式 (或型號): SKR004

Commodity Type (Model)

ST8000DM004, ST6000DM003, ST5000DM003, ST8000VN002, ST6000VN001, ST8000VM004, ST6000VM000, ST8000VX002, ST6000VX001, ST8000VN003, ST6000VN002, ST8000VX003, ST6000VX002, ST8000AS003

符合之檢驗標準及版次: CNS 13438/ Complete 2006 Class B. Section 5 "Marking of presence" of CNS 15663 (2013,7) Standard(s) and version

試驗報告編號:<u>T161003C07B, ATS/GENV/1050/16/yao</u> Test Report Number

試驗室名稱及代號: <u>香港商立德國際商品試驗有限公司</u>, ALS TECHNICHEM (S) PTE LTD Testing laboratory name and designation number

	SL2-IN-E-0049		
符合性聲明檢驗標 The form of the DoC m		D33027 RoHS	or D33027
			RoHS
兹聲明上述商品	符合商品检验法符合	性聲明之規定,若因這	建反本聲明書所聲明之內
容,願意擔負相	嗣法律責任 2010年×10	(mark)	
	第4時間にはたいです。		ements stipulated in the Commodity
	1916/6221	Id violations against the Declara	
報驗義務人: _	台灣希捷科技股份有	GY Lai Chun Chu	eong (
	The Board Chairman of S	Seagate Technology Taiwan	

Obligatory Applicant (Signature) 中 華 威 108 年 05 月 02 日 民 DATE (year) (month) (day)

Page 15 of 17

D415-1D95-8116-CD62

	n of Broadcasting and Communication Equipments	
상호 또는 성명 Trade Name or Registrant	SEAGATE TECHNOLOGY LLC	
기자재명칭(제품명칭) Equipment Name	HARD DISK DRIVE	
기본모델명 Basic Model Number	SKR004	
파생모델명 Sanies Model Number	ST8000DM004, ST8000AS0003, ST5000DM003, ST6000VX002, ST6000VN002, ST6000VX001, ST6000VM000, ST6000VN001, ST6000DM003, ST8000VX003, ST8000VN003, ST8000VX002, ST8000VM004, ST8000VN002	
등록번호 Registration No.	MSIP-REM-STX-SKR004	
제조자/제조(조립)국가 Manufacturer/Country of Origin	SEAGATE TECHNOLOGY LLC / 중국, 태국	
등록연월일 Date of Registration	2016-10-14	
기타 Others		
	제58조의2 제3항에 따라 등록되었음을 증명합니다. quipment has been registered under the Clause 3, Article 58-2 of Radio 2019년(Year) 03월(Month) 28일(Day)	

※ 적합등록 방송통신기자재는 반드시 "적 합성평가표시"를 부착하여 유통하여야 합니다. 위반시 과태료 처분 및 등록이 취소될 수 있습니다.

Page **16** of **17**



Declaration of Conformity

Standards to which conformity is declared:

FCC Part 15B ICES-003 Issue 6, Class B 47 CFR FCC Part 15B (Class B) Information Technology Equipment (ITE) - Limits and methods of measurement

Manufacturer Name: (And Importer)

Seagate Technology, Incorporated Manufacturer Address: 10200 South DeAnza Boulevard Cupertino California 95014

Type of Equipment :

Product Name :

SKR004 (V11 3D / 4D)

Hard Disc Data Storage Drive

Seagate Technology, Incorporated hereby declares that the equipment specified above conforms with the protection requirements of the above named Directive(s) and Standards.

Location:

Certificate Date:

Seagate Singapore Design Centre, Singapore

29 Mar 2019

(Signature)

Hui Wei Qiang (Full Printed Name)

> Engineer (position)

> > Page 17 of 17

Seagate Singapore Design Centre, Singapore

SKR001 (V9) Regulatory Assurance Certification



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This document has been issued electronically. Only the original recipient of the document will be notified with revision information.

> Issue Date: 26 Feb 2019 Revision 9.3

Safety Certification

Test Objective:

Verifies that product meets the required Safety requirements as stipulated by UL, and TUV Safety Agencies; and also European Directives:

- UL 60950-1, 2nd Edition, 2014-10-14
- TUV EN60950-1, IEC 60950-1

Test Description:

The product was submitted to and tested by the safety agencies.

The product is certified for cUL mark through UL Korea under Underwriter Laboratories (UL) file E190397. Attached is the Certificate of Compliance to apply the cUL mark.

The product is certified for TUV SUD mark through TUV SUD Korea Corporation. Attached is the TUV SUD Certificate.

Pass/Fail Criteria:

Product meets the stipulated Safety requirements.

Product:

Product Name: Hard Disk Drive

Conclusion:

The unit passed the above safety tests and standards. Due to similarities in the hard disk drives, it was only necessary to test one model in order to pass for all models.

Agency / Standards	Conclusion	Approved to Bear Agency's Marks
UL60950-1	Compliance with applicable cUL	c FL [®] us
TUV EN60950-1, IEC 60950-1	Compliance with IEC60950, Compliance with EN60950	SUD

CERTIFICATE OF COMPLIANCE

Certificate Number Report Reference Issue Date	20170428-E190397 E190397-A32-UL 2017-APRIL-28
Issued to:	SEAGATE SINGAPORE INTERNATIONAL HEADQUARTERS PTE LTD THE SHUGART 26 AYER RAJAH CRESCENT SINGAPORE 139944 SINGAPORE
This is to certify that epresentative samples of	COMPONENT - INFORMATION TECHNOLOGY EQUIPMENT INCLUDING ELECTRICAL BUSINESS EQUIPMENT Hard Disk Drive: SKR001
	Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.
Standard(s) for Safety: Additional Information:	See addendum for standards. See the UL Online Certifications Directory at <u>www.ul.com/database</u> for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service.

The UL Recognized Component Mark generally consists of the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark: Marking may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual recognitions.

Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. The final acceptance of the component is dependent upon its installation and use in complete equipment submitted to UL LLC.

Look for the UL Certification Mark on the product.

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Bruce Mahrenholz, Director North American Certification Progra

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licenses of UL. For questions, please context a local UL Contexes Service Representative at http://www.beauthorized.com/documentation/

SKR001 (V9) Certification Package Revision 9.2

CERTIFICATE OF COMPLIANCE

Certificate Number Report Reference Issue Date 20170428-E190397 E190397-A32-UL 2017-APRIL-28

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Standards for Safety: UL 60950-1, Information Technology Equipment - Safety - Part 1: General Requirements CAN/CSA C22.2 No. 60950-1-07, Information Technology Equipment - Safety - Part 1: General Requirements

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Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, pleat contact a local UL Castomer Service Representative at http://ul.com/aboutuiticeations/

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tion Pro-

Page 4 of 16

SKR001 (V9) Certification Package Revision 9.2



CERTIFICATE No. B 16 02 87435 041

Holder of Certificate: Seagate Technology International 18, 59 beon-gil, Poeun-daero Suji-gu Yongin-city, Gyeonggi-do 448-130 REPUBLIC OF KOREA Production 64076, 61810 Facility(ies): **Certification Mark:** Product: Hard disk drive Model(s): **SKR001** Trademark : SEAGATE Parameters: Rated input: 5 V d.c., 0.55 A and 12 V d.c., 0.37 A Protection Class: III Tested according to: EN 60950-1:2006/A2:2013 IEC 60950-1(ed.2);am1;am2 The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf. Test report no.: 077-2046416-001 Valid until: 2021-02-10 Date, 2016-02-12 (Havard Lee) 405276891009 Page 1 of 1

TÜV SÜD Product Service GmbH · Zertifizierstelle · Ridlerstraße 65 · 80339 München · Germany



Ref. Certif. No.

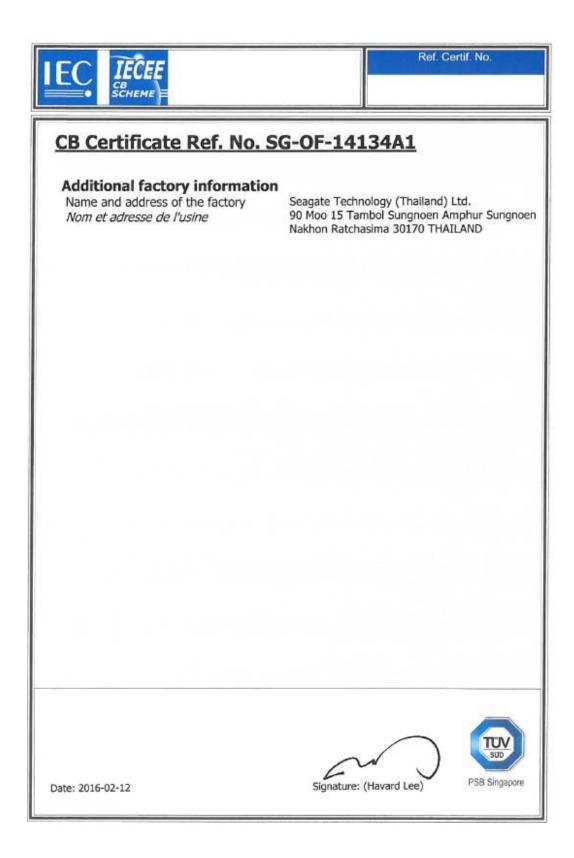
SG-OF-14134A1

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

		CERTIFICAT D'ESSAI OC		
Product Produit		Hard disk drive		
	Idress of the applicant e du demandeur	Seagate Technology International 18, 59 beon-gil, Poeun-daero Suji-gu Yongin-city, Gyeonggi-do 448-130, REPUBLIC OF KOREA		
Name and ad Nom et advesse	Idress of the manufacturer e du fabricant	Seagate Technology International 18, 59 beon-gil, Poeun-daero Suji-gu, Yongin-city, Gyeonggi-do 448-130, REPUBLIC OF KOREA		
Name and ad Nom et adresse	Idress of the factory e de l'usine	Seagate Technology (Wuxi) International Co., Ltd. 106 Xing Chuang Er Lu., Wuxi-Singapore Industrial Park,, 214028 Wuxi, JiangSu, PEOPLE'S REPUBLIC OF CHINA For further information please see attachment		
	orincipal characterístics ales et caractéristiques principales	Rated input : Protection class :	5 V d.c., 0.55 A and 12 V d.c., 0.37 A III	
Trade mark (i Marque de fabr	if any) ique (si elle existe)	SEAGATE		
ModeVtype Ref. Ref. de type		SKR001		
	ormation (if necessary) nplémentaire (si nécessaire)	Certificate SG-OF-14134 issued 2016-02-05 is replaced by this version due to non-technical changes. See Test Report for National and Group Differences.		
A sample of the product was tested and found to be in conformity with Un échantiton de ce produit a été essayé et a été considéré conforme à la		IEC 60950-1(ed.2);am1;am2		
as shown in the Test Report Ref. No, which forms part of this certificate comme indiqué dans le Rapport d'essais numero de référence qui constitue une partie de ce certificat		TÜV SÜD PS8 Pte Ltd 077-2046416-001		
	Certificate is issued by the Nation 'essai OC est établi par l'Organis		ation	
Date,	2016-02-12 CBS 16 02 87435 040	(Havard Lee)		
TŨV SŨD	PSB Pte Ltd · 1 Science Park D	rive - Singapore 118221	PSB Singapore	



ElectroMagnetic Compatibility

Test Objective:

Verify that the product, which is an internal computer peripheral with no direct connection to external I/O or power, meets applicable EMC emission and immunity standards when installed in a representative host system. This is done by verifying that the product, in the system, complies with the appropriate limits for FCC, CE Mark, C-tick(RCM), and VCCI. For FCC, applicable limits are found in CFR 47, Part 15, Subpart B, Class B, and for CE, C-tick(RCM), and VCCI are found in EN 55032 Class B. Immunity requirements for CE Marking are defined in EN 55024

Test Description:

Testing is performed with the drive installed in representative host system. The host system in this case, is a Notebook laptop or Desktop and the drive is exercised random write/read mode for all testing. The drive is monitored for correct operation throughout the testing.

Emission testing (performed at a 10m Chamber) and immunity testing are performed at an EMC facility, which has been certified by SAC-SINGLAS.

Emission testing consists of the following:

- 1. Conducted emissions, 150 kHz to 30 MHz, 110 Vac/60 Hz (FCC)
- 2. Conducted emissions, 150 kHz to 30 MHz, 230 Vac/50 Hz {CE, C-tick(RCM), VCCI}
- 3. Radiated emissions, 30 MHz to 1 GHz, 10-meter antenna distance
- 4. Radiated emissions, 1 GHz to 6 GHz, 3-meter antenna distance
- 5. AC power line harmonics, per EN61000-3-2 : 2014
- 6. AC power line flicker, per EN61000-3-3: 2013

Immunity testing includes the following:

- 1. Electrostatic discharge per IEC 61000-4-2 (Level B)
- 2. Radiated RF field immunity per IEC 61000-4-3 and EN 50204 (Level A)
- 3. Electrical Fast Transient/Burst per IEC 61000-4-4 (Level B)
- 4. Surge Immunity per IEC 61000-4-5 (Level B)
- 5. Conducted RF Immunity per IEC 61000-4-6 (Level A)
- 6. Power Frequency H-field Immunity per IEC 61000-4-8 (Level A)
- 7. Voltage Dips and Interrupts per IEC 61000-4-11 (Level B, C)

Pass/Fail Criteria:

For immunity testing, the drive must meet different levels of performance (A, B or C) for the various RF environments to which it is exposed. These are defined as follows:

Performance Level A - no degradation in performance, no loss of data Performance Level B - degraded performance acceptable provided that 1) no data is lost and 2) unit self-recovers without user intervention after the RF environment has been withdrawn Performance Level C - reset acceptable, user intervention acceptable provided that unit suffers no permanent damage.

Product:

Product Name: Hard Disk Drive

SKR001 (V9) Certification Package Revision 9.2

Conclusion:

No modifications were made to pass. No Specification deviations, additions to or exclusions from were performed. Due to similarities in the drives, the test conclusions are applicable to hard disk drive.

Standard	Result	Approved to Bear CE & RCM Marks
EN 55032:2015	Pass	
EN 61000-3-2: 2014	Pass	
EN 61000-3-3: 2013	Pass	
EN 55024: 2010	Pass	
IEC 61000-4-2: 2008	Pass	
IEC 61000-4-3: 2010	Pass	
IEC 61000-4-4: 1995	Pass	$\mathbf{\Lambda}$
IEC 61000-4-5: 1995	Pass	
IEC 61000-4-6: 1996	Pass	
IEC 61000-4-8: 1993	Pass	Š
IEC 61000-4-11: 1994	Pass	

Test Data:

EMC Immunity Test Results

Specification	Test Method	Test Conditions	Compliance
Electrostatic Discharge	IEC 61000-4-2	4 kV Contact / HCP, VCP / 8 kV Air	Compliant
RF Radiated Immunity	IEC-61000-4-3 EN 50204	80 - 1000 MHz, 3 V/m, 80% 1 kHz AM	Compliant
EFT/Burst	IEC 61000-4-4	0.5 kV I/O, 1 kV AC mains	Compliant
Surge Immunity	IEC 61000-4-5	2 kV comm. mode, 1 kV diff. mode, AC mains	Compliant
Conducted RF Immunity	IEC 61000-4-6	150 kHz to 80 MHz, 3 Vrms, 80% 1 kHz AM, power and I/O	Compliant
Power Frequency Magnetic Field Immunity	IEC 61000-4-8	1 Amp / meter, 3 axes, 50 Hz and 60Hz	Compliant
Voltage Dips and Interrupts	IEC 61000-4-11	0% open and short for 5 seconds, 40% for 0.1 second, 70% for 0.01 second	Compliant



EU DECLARATION OF CONFORMITY Model: SKR001 (V9)

I. Product Safety and EMC Compliance

A. The Electromagnetic Compatibility (EMC) Directive 2014/30/EU by application of the following standards:

EN 55032:2015	Electromagnetic compatibility of multimedia equipment — Emission requirements.
EN 55024:2010	Information technology equipment – Immunity characteristics – Limits and methods of measurement.
EN 61000-3-2:2014	Electromagnetic compatibility (EMC) - Part 3-2: Limits for harmonic current emissions (equipment input current <= 16 A per phase).
EN 61000-3-3:2013	Electromagnetic compatibility (EMC) - Part 3-3: Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current <= 16 A per phase.

B. The product meets the requirements of The Low Voltage Directive (LVD) 2014/35/EU by application of the following standard:

EN 60950-1:2006	Information technology equipment - Safety - General
	requirements. (Second Edition) Part 1: +A11:2009 +A1:2010
	+A12:2011+ A2:2013.

II. Product Environmental Compliance, EU/China RoHS Declaration of Conformity

- A. Conformity with Harmonized Standards/Technical Specifications:
- Directive 2011/65/EU RoHS "Recast" (RoHS 2) as amended by Directive (EU) 2015/863 and further amended by Directive 2018/739 and Directive 2018/740 EN 50581:2012
- Management Methods for Controlling Pollution by Electronic Information Products, Ministry of Information Industry Order No. 39 (China RoHS)
- Management Methods for the Restriction of the Use of Hazardous Substances in electrical and Electronic Products, Ministry of Industry and Information Technology Order No. 32 effective July 1, 2016 (China RoHS 2)
- 4. Joint JEDEC/ECA Standard, Definition of "Low-Halogen" for Electronic Products, JS709B

B. Seagate products rely on the following RoHS 2 exemptions for compliance:

Exemption Description
6(a)-I. Lead as an alloying element in steel for machining purposes containing up to 0.35% lead by weight and in batch hot dip galvanised steel components containing up to 0.2% lead by weight
6(b)-II. Lead as an alloying element in aluminum for machining purposes up to 0.4% lead by weight
6c. Copper alloy up to 0.4% lead by weight
7a. Lead in high melting temperature type solders (i.e. lead-based solder alloys containing 85 % by weight or more lead
7(c)-I Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors (e.g. piezoelectronic devices) or in a glass or ceramic matrix compound

This product or products are in conformity with the relevant Union harmonization legislation. This declaration of conformity is issued under the sole responsibility of Seagate Technology International.

agth,

Date of Issue: Sep 24, 2018

Signature:

Azeez Talha, Engineering Director

Signed for and on behalf of:

Seagate Technology International Koolhovenlaan 1 1119 NB Schiphol-Rijk The Netherlands



Supplier's Declaration of Conformity

Declaration of Conformity as a registered and responsible supplier under the Australian Communications and Media Authority (ACMA) regulatory arrangements for Regulatory Compliance Mark (RCM) and it's placement.

Responsible Supplier Name: Seagate Technology Australia Pty Ltd Responsible Supplier Number: E806

Seagate Technology Australia Pty. Limited Level 7, 91 Phillip St PARRAMATTA NSW 2150 AUSTRALIA

Declare under our sole responsibility that the following product(s):

Model: SKR001

to which this declaration relates is in conformity with the following standard(s):

Title		Test Regulation
Australian/New	Zealand Standar	AS/NZS CISPR 32: 2015
(Name of the Au	thorized Person)	Sam Zavaglia
(Title of the Authorized Person)		Senior Field Applications Engineer
(Date of Issue)	23 rd January 20)17
(Signature)	AR	·

符	合性	聲	明	書	
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Declaration of Conformity

報驗義務人代码	编號		
Code of the applicant	Number		
	STX19022603		

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:台灣希捷科技股份有限公司(Seagate Technology Taiwan, Ltd.)

Obligatory Applicant

地址:臺北市松山區復興北路 363 號 14 樓 Address

電話: <u>02-2514-2273</u> Telephone

商品中(英)文名稱:硬式磁碟機

Commodity Name

商品型式 (或型號): SKR001

Commodity Type (Model)

ST4000VM000, ST4000VN000, ST4000VN005, ST4000VX002, ST4000VX000, ST4000VX006, ST4000VN007, ST4000DM000, ST4000VN003, ST4000DM005, ST4000VN008, ST4000VX007, ST3000DM003, ST3000VM002, ST3000VN000, ST3000VX002, ST3000DM010, ST3000VN007

符合之檢驗標準及版次: CNS 13438/ Complete 2006 Class B, Section 5 "Marking of presence" of CNS 15663 (2013.7) Standard(s) and version

試驗報告編號:<u>T160713C10D R1, ATS/GENV/92/16/yao</u>

Test Report Number

試驗室名稱及代號: <u>香港商立德國際商品試驗有限公司, ALS TECHNICHEM (S) PTE LTD</u> Testing laboratory name and designation number

SL2-IN-E-0049 符合性聲明檢驗標識及識別號碼: The form of the DoC marking appears like this 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	:	台灣:	希捷科技	设份有	限公司/	Gérald	ine Hottier	-Fayon	(簽章)
			The Bo	oard Chairm	an of Sea	agate Tec	hnology	Taiwan		
Obliga	tory Appl	icant								(Signature)
中	華	民	威	108	年	2	月	26	日	
	DATE				()	ear)		(month)		(dav)

56A8-20D7-37E4-1E27



SKR001 () Certification Package Revision 9.3



Declaration of Conformity

Standards to which conformity is declared:

FCC Part 15B ICES-003 Issue 5, Class B 47 CFR FCC Part 15B: 2012 (Class B) Information Technology Equipment (ITE) - Limits and methods of measurement

Manufacturer Name: (And Importer)

Seagate Technology, Incorporated Manufacturer Address: 10200 South DeAnza Boulevard Cupertino California 95014

Type of Equipment :	Hard Disk Drive
Product Model Number :	SKR001

Seagate Technology, Incorporated hereby declares that the equipment specified above conforms with the protection requirements of the above named Directive(s) and Standards.

Location:

Gwanggyo, South Korea

Certificate Date: Amendment Date: 16 Feb, 2016 22 Mar, 2016

In

(Signature)

Young Hwan Han
(Full Printed Name)
Sr Engineering Manager
(position)



Reg Model: STR008 (Makara Plus, SATA) *Regulatory Assurance Certification*

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This document has been issued electronically. Only the original recipient of the document will be notified with the revision information

Author: Regulatory Assurance

CERTIFICATE OF COMPLIANCE

Certificate Number Report Reference Issue Date 20150625-E106814 E106814-A34-UL 2015-JUNE-25

Issued to:

SEAGATE TECHNOLOGY L L C 389 DISC DR LONGMONT CO 80503-9364

This is to certify that representative samples of EQUIPMENT INCLUDING ELECTRICAL BUSINESS EQUIPMENT] Hard Disk Drive STR008]

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

 Standard(s) for Safety:
 UL 60950-1, Information Technology Equipment - Safety -Part 1: General Requirements CAN/CSA C22.2 No. 60950-1-07, Information Technology Equipment - Safety - Part 1: General Requirements]

 Additional Information:
 See the UL Online Certifications Directory at www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service.

Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. The final acceptance of the component is dependent upon its installation and use in complete equipment submitted to UL LLC.

Look for the UL Certification Mark on the product

Barnelly

Bruce Nahrenholz, Director North American Certification Program ULLLC

Any Information and documentation Involving UL Nark services are provided on behalf of UL LLC (UL) or any authorited licenses of UL. For questions, please contact a local UL Customer Service Representative at <u>Intro Information and Formione</u> /

Page 1 of 1



CB TEST CERTIFICATE

Name and address of the applicant

Name and address of the manufacturer

Note: When more than one factory, please report on page 2 Note: Lorsque II y plus d'une usine, veuillez utiliser la 2⁴⁰⁴ page

Valeurs nominales et caractéristiques principales

Nom et adresse du demandeur

Nom et adresse du fabricant

Nom et adresse de l'usine

Name and address of the factory

Ratings and principal characteristics

Marque de fabrique (si elle existe)

Product

Produit

Ref. Certif. No.

US-25463-UL

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

CERTIFICAT D'ESSAI OC

Hard Disk Drive

SEAGATE TECHNOLOGY LLC 389 DISC DR LONGMONT CO 80503-9364 UNITED STATES

SEAGATE TECHNOLOGY L L C 389 DISC DR LONGMONT CO 80503-9364 UNITED STATES

SEAGATE TECHNOLOGY INTERNATIONAL (WUXI) CO LTD 106 XING CHUANG ER LU WUXI-SINGAPORE INDUSTRIAL PARK WUXI JIANGSU 214028 CHINA

Additional Information on page 2 5Vdc, 0.75A; 12Vdc, 0.99A (ratings are optional)

Seagate



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

Model / Type Ref. Ref. De type

Trademark (if any)

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

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

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

STR008

Additionally evaluated to EN 60950-1:2006/ A11:2009/ A1:2010/ A12:2011/ A2:2013. National Differences specified in the CB Test Report. Additional Information on page 2 IEC 60950-1(ed.2), IEC 60950-1(ed.2);am1, IEC 60950-1(ed.2);am2

E106814-A34-CB-1 issued on 2015-06-23

This CB Test Certificate is issued by the National Certification Body Ce Certificat d'essai OC est établi par l'Organisme National de Certification

(H)	UL (US), 333 Pfingsten Rd IL 60052, Northbrook, USA UL (Demko), Borupvang SA DK-2750 Ballerup, DENMARK UL (JP), Narunouchi Trust Tower Main Building 6F, 1-9-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA
Date: 2015-06-23	For full legal entity names see www.ul.com/nobnames Jolasho / Wei

✓ Jolanta M.⁴Wroblewska /

IEC IECEE	Ref. Certif. No.		
	US-25463-UL		
Factories: SEAGATE TECHNOLOGY LLC C/O AUDIO VIDEO COLOR CORP 17707 S SANTA FE AVE EAST ANCHO DOMINGUEZ CA 90221-5419 UNITED STATES			
SEAGATE TECHNOLOGY (SUZHOU) CO LTD 1 WUXIANG RD, EXPORT PROCESSING ZONE A 200 SU HONG ZHONG R SUZHOU JIANGSU 215021 CHINA	D SUZHOU INDUSTRIAL PARK		
GREYSTONE DATA SYSTEM VIETNAM 62 LINH TRUNG EX PROCESSING ZONE II HO CHI MINH CITY VIET NAM			
SEAGATE SINGAPORE INTERNATIONAL HEADQUARTERS PTE LTD C/O WINNERWAY INDUSTRIAL AREA NANCHENG DONGGUAN GUANGDONG CHINA	· · ·		
SEAGATE TECHNOLOGY (THAILAND) LTD 90 MOO 15 A SUNGNEON, T SUNGNEON NAKHON RATCHASIMA 30170 THAILAND			
TELEPLAN TECHNOLOGY SERVICES SDN BHD 2580 TINGKAT PERUSAHAAN 4B ZON PERDAGANGAN BEBAS DUA 13800 MALAYSIA) PULAU PERAI		
SEAGATE SINGAPORE INTERNATIONAL HEADQUARTERS PTE LTD C/O (COMERCIO DE ELETRONICOS E INFORMATICA LTDA AV TORQUATO TAPAJOS, 7503 TARUMA GALPAO 2 MOD 7, 19, 20, 21 690 BRAZIL			
SEAGATE TECHNOLOGY L L C 389 DISC DR LONGMONT CO 80503-9364 UNITED STATES			
JABIL CZECH REPUBLIC, S.R.O./ UPS SCS (CZECH REPUBLIC) S. R. O. GENERALA FAJTLA 372 74251 MOSNOV CZECH REPUBLIC			
JABIL GLOBAL SERVICES NETHERLANDS B V KOOLHOVENLAAN 1 1119 NB SCHIPHOL-RIJK NETHERLANDS			
SEAGATE TECHNOLOGY LLC C/O AUDIO VIDEO COLOR CORP 2155 AIRWEST BLVD PLAINFIELD IN 46168-7716 UNITED STATES			
Additional information (if necessary) Information complémentaire (si nécessaire) UL (US), 333 Pfingsten Rd IL 60052, Northbro UL (US), 333 Pfingsten Rd IL 6	, DENMARK g 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN		
Date: 2015-08-23 Signature: Jolanta M. Wroblews)		

DE



CERTIFICATE

No. B 16 12 91950 025

Holder of Certificate: Seagate Technology LLC

389 Disc Drive Longmont CO 80503 USA

Production Facility(ies): 61810, 66326, 39917, 91950, 83436, 64076

Certification Mark:



Rated Input Voltage:

Rated Input Current:

Degree of Protection:

Rated Frequency:

Protection Class:

Product: **Disk drives**

Model(s):

Parameters:

STR008

111 IPX0

dc 0.75A/0.99A

+5Vdc /+12Vdc

Tested according to: EN 60950-1:2006/A2:2013

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

Test report no.: 092-72107223-100 Valid until: 2019-06-20

Date, 2016-12-27

Page 1 of 2

Wellem P. Weller



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UCB_F_12.02 2012-02

Attachment 1

Bauart Certificate: B.16.12.91950.025

TUV SUD

America

Firma / firm: Seagate Technology LLC, 389 Disc Drive, Longmont, CO 80503-9364 USA

File No. : 092-72107223-100 Standard(s)

Type of Component/Equipment

: EN 60950-1:2006/A2:2013 : Disc Drive (Information Technology Equipment)

Regulatory Model STR008: SATA Hard Disk Drive (HDD), available in two capacities: 6 TeraBytes or 8 TeraBytes Format sizes to include 512E or 4Kn versions Self-Encrypted-Disc (SED) options also available

Conditions of Acceptability:

- 1. Disc drives are to be supplied by a reliably SELV power supply.
- 2. Suitable enclosure (fire/mechanical) to be provided/evaluated when disc drive is installed in the end use product.

Wellem P. Weller

Technical Certifier

Page 2 of 2

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EU Declaration of Conformity

Product Safety and EMC Compliance

The product(s) meets the requirements of The Electromagnetic Compatibility (EMC) Directive 2014/30/EU by application of the following standards:

EN 55032:2012	Electromagnetic compatibility of multimedia equipment - Emission requirements, Class B
EN 55024:2010	Information Technology Equipment – Immunity characteristics – Limits and methods of
	measurement
EN 61000-3-2:2014	Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)
EN 61000-3-3:2013	Limitation of Voltage Changes, Voltage Fluctuations and Flicker in Low-Voltage
	Supply Systems for Equipment with Rated Current ≤16 Amps per Phase

The product(s) meets the requirements of The Low Voltage Directive (LVD) 2014/35/EU by application of the following standard:

EN 60950-1:2006 /A11:2009 /A1:2010 /A12:2011/A2:2013 Information Technology Equipment - Safety- (Second Edition) Part 1: General Requirements

EN 62368-1:2014 Audio/video, information and communication technology equipment - Part 1: Safety requirements (IEC 62368-1:2014, Modified).

Product Environmental Compliance, EU/China RoHS Declaration of Conformity

Conformity with Harmonized Standards/Technical Specifications:

- Directive 2011/65/EU RoHS "Recast" (RoHS 2) as amended by Directive (EU) 2015/863 and further amended by Directive 2018/739 and Directive 2018/740
- EN 50581:2012 Management Methods for Controlling Pollution by Electronic Information Products, Ministry of Information Industry Order No. 39 (China RoHS)
- Management Methods for the Restriction of the Use of Hazardous Substances in electrical and Electronic Products, Ministry of Industry and Information Technology Order No. 32 effective July 1, 2016 (China RoHS 2)
- 4. Joint JEDEC/ECA Standard, Definition of "Low-Halogen" for Electronic Products, JS709B

Seagate products rely on the following RoHS 2 exemptions for compliance:

6(a)-I	Lead as an alloying element in steel for machining purposes containing up to 0.35% lead by weight and in batch hot dip galvanised steel components containing up to 0.2% lead by weight
6(b)-II	Lead as an alloying element in aluminum for machining purposes up to 0.4% lead by weight
6c	Copper alloy up to 0.4% lead by weight
7a	Lead in high melting temperature type solders (i.e. lead-based solder alloys containing 85 % by weight or more lead
7(c)-I	Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors (e.g. piezoelectronic devices) or in a glass or ceramic matrix compound

DocuSign Envelope ID: 1091EE40-9753-4102-AC6D-B703B3616B76

Year to Begin Affixing Mark:

Manufacturer's Name: Manufacturer's Address: (And Importer)

European Contact:

Type of Equipment: Internal Product Name:

Regulatory Model Number:

STR008

2015

This product or products are in conformity with the relevant Union harmonization legislation. This declaration of conformity is issued under the sole responsibility of Seagate Technology LLC.

July 1, 2019 | 11:19:05 PDT

Date:

Signature:

DocuSigned by: Mattlew (Brown

Seagate Technology, LLC 10200 South De Anza Blvd. Cupertino, California 95014-3029 U.S.A.

Seagate Singapore Int'l HQ Pte. Ltd

Director of Operations

Koolhovenlaan l 1119 NB Schiphol - Rijk The Netherlands

Hard Disc Drive Makara Plus, SATA

Matthew C Brown Vice President Operations Quality



Supplier's Declaration of Conformity

Declaration of Conformity as a registered and responsible supplier under the Australian Communications and Media Authority (ACMA) regulatory arrangements for Regulatory Compliance Mark (RCM) and it's placement.

Responsible Supplier Name: Seagate Technology Australia Pty Ltd Responsible Supplier Number: E806

Seagate Technology Australia Pty. Limited Level 7, 91 Phillip St PARRAMATTA NSW 2150 AUSTRALIA

Declare under our sole responsibility that the following product(s):

Hard Disk Data Storage Drive

Model: STR008 (Makara Plus, SATA, 8TB)

to which this declaration relates is in conformity with the following standard(s):

Title		Test Regulation
Australian/New	Zealand Standard	AS/NZS CISPR 22: 2009 +A1: 2010
(Name of the Au	thorized Person)	Sam Zavaglia
(Title of the Auth	orized Person)	Senior Field Applications Engineer
(Date of Issue)	17 th July 2015	
(Signature)	the '	

符合性聲明書
Declaration of Conformity

報驗義務人代碼	縞 號		
Code of the applicant	Number		
D33027	STX15071701		

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.

Obligatory Applicant	室	
地址:臺北市松山區復興北路 363號 14樓 B	Ja	
Address		
電話: <u>02-2514-2273</u> Telephone		
商品中(英)文名稱:硬式磁碟機		
Commodity Name		
商品型式 (或型號): Commodity Type (Model)	<u>,5AIA ,8IB)</u>	
符合之檢驗標準及版次: <u>CNS 13438 (95 年完</u> Standard(s) and version	已整版)	
試驗報告編號: <u>BE-TRB50603</u> Test Report Number		
試驗室名稱及代號: <u>TUV SUD Zacta Ltd.</u> Testing laboratory name and designation number		
SL2-IN/A1-E-6018		
符合性聲明檢驗標識及識別號碼: The form of the DoC marking appears like this	或 or	Θ
D 330	021	D33027
兹聲明上述商品符合商品檢驗法符合性聲明之	.規定,若因近	建反本聲明書所
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 Conform	nity requirements stipu	lated in the Commodity
Inspection Act. I agree to take any legal obligations should violations against the SEAGATE	he Declaration of Confe	ormity occur.
報驗義務人:台灣希捷科技股份有限公司/Mr.	Patrick J. O'N	falley (簽章)
EVP & CEO (Executive Vice President and Chief		
Obligatory Applicant		(Signature)
中華民國 104 年 07	月 1	7 日
DATE (year)	(month)	(day)

0971120V1

3F6F-11AA-AD6E-8AE7

C0002, ST8000DM005, ST8000NE0011,
M004, ST6000N C0012, ST6000N E0001, 40035, ST6000N M0055, ST6000N M0235, C0002, ST8000D M005, ST8000N E0011, 40045, ST8000N M0105, ST8000N M0145, N0002, ST8000V N0022, ST6000N M0155,
M004, ST6000N C0012, ST6000N E0001, 40035, ST6000N M0055, ST6000N M0235, C0002, ST8000D M005, ST8000N E0011, 40045, ST8000N M0105, ST8000N M0145, N0002, ST8000V N0022, ST6000N M0155,
4002, ST8000DM0002, ST80000DM005, 20001, ST8000NM0055, ST8000NM0115, M0205, ST8000NM0215, ST8000VN0012, 0032, ST8000VN0032, ST8000VX0002, 10055, 8TB, SATA
Y LLC / 중국, 태국
록되었음을 증명합니다.

국립전파연구원장 태연구

Director General of National Radio Research Agency

※ 처합등록 방송통신기자개는 반드시 "적합성평가표시" 불 부착하여 유통하여야 합니다. 위반시 과태료 처분 및 등록이 취소될 수 있습니다.

B35E-3A78-A4C2-FB49

전	자민원신청번호	201617100000226416 접수일자		2016-11-11		
	상호 또는 성명	SEAGATE TECHNOLOGY LLC	적합성	평가 분야	적합등록	
대 기자재명칭 기 기 전학성평가 버호		Hard Disk Drive	기본	모델명	STR008	
ファ	적합성평가 번호	MSIP-REM-STX-STR008		성평가 월 일	2016-11-11	
	변경 사항	변경전 변경후		변경 후		
모델	-9	Makara Plus,SATA,8TB,ST8000N	M0055	0NE0011, NM0065, 6000DM0 00NE000 NM0035, NM0235, C0002,ST 011,ST800 5,ST8000 2,ST8000 5,ST6000 1,ST6000 5,ST7000 ST8000DI T8000NC 8000NM0 000NM01 00NM021 0VX0022,	A,ST6000DM001,ST600 ST6000NM0045,ST6000 8TB,ST8000NM0055,ST 04,ST6000NE0021,ST600 ST6000NM0055,ST6000 ST6000VN0031,ST72002 8000DM005,ST8000NB00 ONE0021,ST8000NM01 0NM0105,ST8000NM01 NM0165,ST8000VN002 VN0022,ST6000NM015 NM0165,ST6000VN002 VN002,ST8000DM005, 0002,ST8000NM0115,ST 55,ST8000NM0115,ST 55,ST8000NM0115,ST 55,ST8000NM012,ST8000 ST8000VX0032,ST8000V ST8000VX0032,ST8000V	
		재등의 적합성평가에 관한 2 건에 대하여 위와 같이 변				
		2016년(1 국립전파연구	1	^{월(Month)} 국립전 마연구	11일(Date)	



Reg Model: STR00C (MakaraBP, SATA, 6TB) Regulatory Assurance Certification July 1, 2019 Rev E

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This document has been issued electronically. Only the original recipient of the document will be notified with the revision information

Author: Regulatory Assurance

CERTIFICATE OF COMPLIANCE

Certificate Number Report Reference Issue Date	20151007-E106814 E106814-A38-UL 2015-OCTOBER-07
Issued to:	SEAGATE TECHNOLOGY L L C 389 DISC DR LONGMONT CO 80503-9364
This is to certify that representative samples of	COMPONENT - INFORMATION TECHNOLOGY EQUIPMENT INCLUDING ELECTRICAL BUSINESS EQUIPMENT Hard Disk Drive - STR00B, STR00C
	Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.
Standard(s) for Safety:	UL 60950-1 & CAN/CSA C22.2 No. 60950-1-07 - Information Technology Equipment - Safety - Part 1: General Requirements
Additional Information:	See the UL Online Certifications Directory at <u>www.ul.com/database</u> for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service.

If of UL LLC (UL) of

d on be

Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. The final acceptance of the component is dependent upon its installation and use in complete equipment submitted to UL LLC.

Look for the UL Certification Mark on the product.

UL

Barblug UL LLC

Page 1 of 1



Ref. Certif. No.

US-26087-UL

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

Product Produit

Name and address of the applicant Nom et adresse du demandeur

Name and address of the manufacturer Nom et adresse du fabricant

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

Note: When more than one factory, please report on page 2 Note: Lorsque II y plus d'une usine, veuillez utiliser la 2414 page

Ratings and principal characteristics Valeurs nominales et caractéristiques principales

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

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

Model / Type Ref. Ref. De type

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

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

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 ELECTRIQUES (IECEE) METHODE OC

CERTIFICAT D'ESSAI OC

Hard Disk Drive

SEAGATE TECHNOLOGY L L C 389 DISC DR LONGMONT CO 80503-9364, USA

SEAGATE TECHNOLOGY L L C 389 DISC DR LONGMONT CO 80503-9364, USA

SEAGATE TECHNOLOGY INTERNATIONAL (WUXI) CO LTD 106 XING CHUANG ER LU WUXI-SINGAPORE INDUSTRIAL PARK WUXI JIANGSU 214028 CHINA

Additional Information on page 2 STR00B: 5Vdc, 0.85A; 12Vdc, 0.99A STR00C: 5Vdc, 0.75A; 12Vdc, 0.99A (ratings are optional)

Seagate



on onger

STR00B, STR00C

Additionally evaluated to EN 60950-1:2006 / A11:2009 / A1:2010 / A12:2011 / A2:2013; National Differences specified in the CB Test Report.

Additional Information on page 2 IEC 60950-1(ed.2), IEC 60950-1(ed.2);am1, IEC 60950-1(ed.2);am2

E106814-A38-CB-1 issued on 2015-09-28

This CB Test Certificate is issued by the National Certification Body

Ce	Certificat	d'essai (DC est	établi p	oar l'Organisme	National de	Certification

(UL)	UL (US), 333 Pfingsten Rd IL 60052, Northbrook, USA UL (Demko), Borupvang SA DK-2750 Ballerup, DENMARK UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chlyoda-ku, Tokyo 100-0005, JAPAN UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA			
Date: 2015-09-28	Signature:			

|--|

Ref. Certif. No.

US-26087-UL

Factories:

SEAGATE TECHNOLOGY LLC C/O AUDIO VIDEO COLOR CORP 17707 S SANTA FE AVE EAST RANCHO DOMINGUEZ CA 90221-5419 UNITED STATES

SEAGATE TECHNOLOGY (SUZHOU) CO LTD 1 WUXIANG RD, EXPORT PROCESSING ZONE A 200 SU HONG ZHONG RD SUZHOU INDUSTRIAL PARK SUZHOU JIANGSU 215021 CHINA

GREYSTONE DATA SYSTEM VIETNAM 62 LINH TRUNG EX PROCESSING ZONE II HO CHI MINH CITY VIET NAM

SEAGATE SINGAPORE INTERNATIONAL HEADQUARTERS PTE LTD C/O SAE MAGNETICS (HK) LTD WINNERWAY INDUSTRIAL AREA NANCHENG DONGGUAN GUANGDONG CHINA

SEAGATE TECHNOLOGY (THAILAND) LTD 90 MOO 15 A SUNGNEON, T SUNGNEON NAKHON RATCHASIMA 30170 THAILAND

TELEPLAN TECHNOLOGY SERVICES SDN BHD 2580 TINGKAT PERUSAHAAN 4B ZON PERDAGANGAN BEBAS DUA 13600 PULAU PERAI MALAYSIA

SEAGATE SINGAPORE INTERNATIONAL HEADQUARTERS PTE LTD C/O CAL-COMP INDUSTRIA E COMERCIO DE ELETRONICOS E INFORMATICA LTDA AV TORQUATO TAPAJOS, 7503 TARUMA GALPAO 2 MOD 7, 19, 20, 21 69041-025 BRAZIL

SEAGATE TECHNOLOGY L L C 389 DISC DR LONGMONT CO 80503-9364 UNITED STATES

IQOR GLOBAL SERVICES CZECH REPUBLIC, S.R.O. GENERALA FAJTLA 372 74251 MOSNOV CZECH REPUBLIC

IQOR GLOBAL SERVICES NETHERLANDS B V KOOLHOVENLAAN 1 1119 NB SCHIPHOL-RIJK NETHERLANDS

SEAGATE TECHNOLOGY LLC C/O AUDIO VIDEO COLOR CORP 2155 AIRWEST BLVD PLAINFIELD IN 46168-7716 UNITED STATES

 \bowtie

Signature:

Additional information (if necessary) Information complémentaire (si nécessaire)



UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA UL (Demko), Borupvang SA DK-2750 Ballerup, DENMARK UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN UL (CA), 7 Underwriters Road, Toronto, M1R 384 Critario, CANADA For full legal entity names see www.ul.com/nobnames

Date: 2015-09-28

blacks for love

Jolanta M. Wroblewska

UCB_F_12.02 2012-02



CERTIFICATE

No. B 16 12 91950 028

Holder of Certificate: Seagate Technology LLC

389 Disc Drive Longmont CO 80503 USA

Production 78428, 66326, 61810, 91950, 83436, 39917, 64076 Facility(ies): **Certification Mark:** SUD Product: **Disk drives** STR00B Model(s): STR00C Parameters: Rated Input Voltage: +5Vdc /+12Vdc Rated Frequency: dc Rated Input Current: 0.85A/0.99A (STR00B) 0.75A/0.99A (STR00C) Protection Class: Ш Degree of Protection: IPX0 Tested according to: EN 60950-1:2006/A2:2013 The product was tested on a voluntary basis and complies with the essential requirements. The

The product was tested on a voluntary basis and compiles with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

Test report no.: 092-72110016-100

Valid until:

2019-06-20

Date, 2016-12-28 Page 1 of 2

William P. Weller



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TUV®





Attachment 1

Bauart Certificate: B.16.12.91950.028

Firma / firm: Seagate Technology LLC, 389 Disc Drive, Longmont, CO 80503-9364 USA File No.

: 092-72110016-100

Standard(s) Type of Component/Equipment : EN 60950-1:2006/A2:2013

: Disc Drive (Information Technology Equipment)

Regulatory Model STR00B, STR00C:

Capacity	Interface	Format	Disc / Heads	Cache (MB)	Regulatory Model Number	SED Enabled	Board Type
**6TB	SAS	5xxE or 4Kn	5/10	128	STR00B	No	MAK26
6TB	SAS	512E/4Kn	5/10	128	STROOB	Yes	MAK26
4TB	SAS	512n/4Kn	4/7	128	STROOB	No	MAK26
4TB	SAS	512n/4Kn	4/7	128	STR00B	Yes	MAK26
3TB	SAS	512n	4/7	128	STR00B	No	MAK26
3TB	SAS	512n	4/7	128	STR00B	Yes	MAK26
2TB	SAS	512n/4Kn	2/4	128	STR00B	No	MAK26
2TB	SAS	512n/4Kn	2/4	128	STR00B	Yes	MAK26
1TB	SAS	512n	2/2	128	STR00B	No	MAK26
1TB	SAS	512n	2/2	128	STR00B	Yes	MAK26
**6TB	SATA	5xxE or 4Kn	5/10	128	STROOC	No	MAK16
6TB	SATA	512E/4Kn	5/10	128	STR00C	Yes	MAK16
4TB	SATA	512n/4Kn	4/7	128	STR00C	No	MAK16
4TB	SATA	512n/4Kn	4/7	128	STR00C	Yes	MAK16
3TB	SATA	512n	4/7	128	STR00C	No	MAK16
3TB	SATA	512n	4/7	128	STR00C	Yes	MAK16
2TB	SATA	512n/4Kn	2/4	128	STR00C	No	MAK16
2TB	SATA	512n/4Kn	2/4	128	STR00C	Yes	MAK16
	SATA	512n	2/2	128	STR00C	No	MAK16
1TB				128	STR00C	Yes	MAK16

Conditions of Acceptability:

1. Disc drives are to be supplied by a reliably SELV power supply.

2. Suitable enclosure (fire/mechanical) to be provided/evaluated when disc drive is installed in the end use product.

William p. Weller

Technical Certifier

Page 2 of 2

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TÜV®

DocuSign Envelope ID: 8BEB4AF3-A3F5-407D-A978-139A7270846F



EU Declaration of Conformity

Product Safety and EMC Compliance

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EN 55024:2010	Information Technology Equipment - Immunity characteristics - Limits and methods of
	measurement
EN 61000-3-2:2014	Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)
EN 61000-3-3:2013	Limitation of Voltage Changes, Voltage Fluctuations and Flicker in Low-Voltage
	Supply Systems for Equipment with Rated Current ≤16 Amps per Phase

The product(s) meets the requirements of The Low Voltage Directive (LVD) 2014/35/EU by application of the following standard:

EN 60950-1:2006 /A11:2009 /A1:2010 /A12:2011/A2:2013 Information Technology Equipment - Safety- (Second Edition) Part 1: General Requirements.

EN 62368-1:2014 Audio/video, information and communication technology equipment - Part 1: Safety requirements (IEC 62368-1:2014, Modified).

Product Environmental Compliance, EU/China RoHS Declaration of Conformity

Conformity with Harmonized Standards/Technical Specifications:

- Directive 2011/65/EU RoHS "Recast" (RoHS 2) as amended by Directive (EU) 2015/863 and further amended by Directive 2018/739 and Directive 2018/740
- EN 50581:2012 Management Methods for Controlling Pollution by Electronic Information Products, Ministry of Information Industry Order No. 39 (China RoHS)
- Management Methods for the Restriction of the Use of Hazardous Substances in electrical and Electronic Products, Ministry
 of Industry and Information Technology Order No. 32 effective July 1, 2016 (China RoHS 2)
- 4. Joint JEDEC/ECA Standard, Definition of "Low-Halogen" for Electronic Products, JS709B

Seagate products rely on the following RoHS 2 exemptions for compliance:

6(a)-I	Lead as an alloying element in steel for machining purposes containing up to 0.35% lead by weight and in batch hot dip galvanised steel components containing up to 0.2% lead by weight
6(b)-II	Lead as an alloying element in aluminum for machining purposes up to 0.4% lead by weight
6с	Copper alloy up to 0.4% lead by weight
7a	Lead in high melting temperature type solders (i.e. lead-based solder alloys containing 85 % by weight or more lead
7(e)-I	Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors (e.g. piezoelectronic devices) or in a glass or ceramic matrix compound

DocuSign Envelope ID: 8BEB4AF3-A3F5-407D-A978-139A7270846F

 Year to Begin Affixing Mark:
 2015

 Manufacturer's Name:
 Seagate Technology, LLC

 Manufacturer's Address:
 10200 South De Anza Blvd.

 (And Importer)
 Cupertino, California 95014-3029 U.S.A.

 European Contact:
 Director of Operations Seagate Singapore Int'l HQ Pte. Ltd Koolhovenlaan 1

 Type of Equipment:
 Hard Disc Drive MakaraBP, SATA

 Regulatory Model Number:
 STR00C (EXOS 7e8)

This product or products are in conformity with the relevant Union harmonization legislation. This declaration of conformity is issued under the sole responsibility of Seagate Technology LLC.

July 1, 2019 | 11:36:21 PDT Date:_____

-DocuSigned by: Mattliew (Brown Signature:

Matthew C Brown Vice President Operations Quality



Supplier's Declaration of Conformity

Declaration of Conformity as a registered and responsible supplier under the Australian Communications and Media Authority (ACMA) regulatory arrangements for Regulatory Compliance Mark (RCM) and it's placement.

Responsible Supplier Name: Seagate Technology Australia Pty Ltd Responsible Supplier Number: E806

Seagate Technology Australia Pty. Limited Level 7, 91 Phillip St PARRAMATTA NSW 2150 AUSTRALIA

Declare under our sole responsibility that the following product(s):

Hard Disk Data Storage Drive

Model: STR00C (MakaraBP, SATA, 6TB)

to which this declaration relates is in conformity with the following standard(s):

Title		Test Regulation
Australian/New Zealand Standard		AS/NZS CISPR 22: 2009 +A1: 2010
(Name of the Aut	thorized Person)	Sam Zavaglia
(Title of the Auth	orized Person) Se	nior Field Applications Engineer
(Date of Issue)	6 th November 2015	
(Signature)	AR '	

報驗義務人代碼	編 號
Code of the applicant	Number
D33027	STX2015110901

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:台灣希捷科技股份有限公司 **Obligatory Applicant** 地址:台北市復興北路 363 號 14 樓 B 室 Address 電話:02-2514-2273 Telephone 商品中(英)文名稱:硬式磁碟機 Commodity Name 商品型式 (或型號): STROOC (Makara BP SATA) Commodity Type (Model) 符合之檢驗標準及版次: CNS 13438 (Complete 2006 version), Class B Standard(s) and version 試驗報告編號:BE-TRB50915 Test Report Number 試驗室名稱及代號: EMC Integrity Incorporated. Testing laboratory name and designation number SL2-IN-E-1134R 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 민립민폴판배매 Conformity occur. SEAGATE 於医利 TECHNOLOGY TAIWAN LTD. 報驗義務人: (答章) **Obligatory Applicant** (Signature) 中 11 9 民 威 104 年 月 華 H DATE (month) (day) (year)

6B24-4409-7B4E-5AFB

	통신기자재등의 적합등록 필증 of Broadcasting and Communication Equipments
상호 또는 성명 Trade Name or Registrant	SEAGATE TECHNOLOGY LLC
기자재 명칭 Equipment Name	Hard Disk Drive
기본모델명 Basic Model Number	STROOC
파생모델명 Series Model Number	Makara BP, ST1000NM0055, ST1000NM0095, ST1000NM0065, ST2000NE0015, ST2000NM0055, ST2000NM0105, ST2000NM0125, ST3000NM0005, ST3000NM0055, ST4000DX003, ST4000NE0025, ST4000NM0045, ST4000NM0105, ST4000NM0145, ST2000NE0025, ST2000NM0065, ST2000NM0145, ST3000NM0015, ST4000DM006, ST4000NE0015, ST4000NM0035, ST4000NM0085, ST4000NM0165, ST4000NM0165, ST4000NM0205, ST4000NM025, ST4000NM0165, ST6000DM0013, ST6000NE0013, ST6000NM0215, ST6000NM0265, ST6000DM003, ST6000VN0033, ST4000NM0185, ST4000NM0245, ST6000DM003, ST6000VN003, ST6000NE0023, ST6000NM0265, ST6000DM003, ST6000VN0013, ST6000VX0003, ST6000VX0013, ST6000VX0023, SATA, ST6000NM0115, 6TB
등록번호 Registration No.	MSIP-REM-STX-STR00C
제조자/제조(조립)국가 Manufacturer/Country of Origin	SEAGATE TECHNOLOGY LLC / 중국, 태국
등록연월일 Date of Registration	2015-10-22
기타 Others	
It is verified that foregoing ea Waves Act. Director	제58조의2 제3항에 따라 등록되었음을 증명합니다. quipment has been registered under the Clause 3, Article 58-2 of Radio 2016년(Year) 11월(Month) 11일(Date) 국립전파연구원장 General of National Radio Research Agency 선기차재는 반드시 "적합성평가표시" 플부착하여 유통하여야 합니다.

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相關

4E46-9561-9B8A-756C

전	자민원신청번호	201617100000226448	접속	수일자	2016-11-11
	상호 또는 성명	SEAGATE TECHNOLOGY LLC	적합성	평가 분야	적합등록
댔	기자재 명칭	Hard Disk Drive	기본	모델명	STR00C
대상기기	적합성평가 번호	MSIP-REM-STX-STR00C		성평가 월 일	2016-11-11
	변경 사항	변경 전			변경 후
		ST6000NM0115,Makara BP,6TB,SATA	변경후 ST6000NM0115,ST1000NM0055 T1000NM0095,Makara BP,6TB,SATA,ST1000NM0065 T2000NE0015,ST2000NM0055, 2000NM0105,ST2000NM0125,S 000NM0005,ST3000NM0055,ST 00DX003,ST4000NM0105,ST400 NM0145,ST2000NM016,ST400 M0065,ST2000NM0145,ST3000 M0015,ST4000NM016,ST4000N 015,ST4000NM015,ST4000NM0 5,ST4000NM025,ST4000NM0 5,ST4000NM026,ST4000NM0 5,ST4000NM026,ST6000NM02 ST6000NM0275,ST6000VN000 ST6000NM0275,ST6000VN000 ST6000NM0245,ST6000NM0185, 4000NM0245,ST6000NM0315,ST60 VN0013,ST6000VX0003,ST600 X0013,ST6000VX0003,ST6000 X0013,ST6000VX0023		0095,Makara ATA,ST1000NM0065,S 0015,ST2000NM0055,ST 105,ST2000NM0125,ST 05,ST3000NM0055,ST400 ST4000NE0025,ST4000 ST4000NM0105,ST4000 ST2000NE0025,ST2000N C2000NM0145,ST3000N C4000DM006,ST4000NM01 ST2000NM015,ST4000NM016 ONM0115,ST4000NM0122 NM0205,ST4000NM0122 NM0265,ST6000DM001 NE0013,ST6000NM0185,ST 245,ST6000DM0003,ST600 ST6000NM0315,ST6000V
「방송통신기자재등의 적합성평가에 관한 고시」제16조에 따른 적합성평가 사항의 변경신고 건에 대하여 위와 같이 변경처리 되었음을 알려드립니다.					
		2016년(1	Year) 11-	월(Month)	11일(Date)
		국립전파연구	원장	국립전	



Reg Model: STL010 (Cimarron, SATA) Regulatory Assurance Certification

November 27, 2019 Rev 1.3

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Author: Regulatory Assurance

CERTIFICATE OF COMPLIANCE

Certificate Number Report Reference Issue Date	20180917-E190397 E190397-A6001-UL 2018-SEPTEMBER-17
Issued to:	SEAGATE SINGAPORE INTERNATIONAL HEADQUARTERS PTE LTD
	THE SHUGART 26 AYER RAJAH CRESCENT SINGAPORE 139944 SINGAPORE
This is to certify that representative samples of	COMPONENT - AUDIO/VIDEO, INFORMATION AND COMMUNICATION TECHNOLOGY EQUIPMENT See Addendum Page for Models
	Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.
Standard(s) for Safety:	UL 62368-1 and CAN/CSA C22.2 No. 62368-1-14, Audio/video, information and communication technology equipment Part 1: Safety requirements
Additional Information:	See the UL Online Certifications Directory at www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service.

The UL Recognized Component Mark generally consists of the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark. **19**, may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual recognitions.

Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. The final acceptance of the component is dependent upon its installation and use in complete equipment submitted to UL LLC.

BAMUL

UL LLC Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licenses of UL. For questions, please contact a local UL Contomer Service Representative at <u>informational contracted</u>.

Page 1 of 2

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CERTIFICATE OF COMPLIANCE

Certificate Number Report Reference Issue Date

20180917-E190397 E190397-A6001-UL 2018-SEPTEMBER-17

Look for the UL Certification Mark on the product.

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Hard Drive STL010 and STL011

Bamely Bruce N ULLLC Any information and documentation involving UL Mark vervices are p contect a local UL Customer Service Representative at <u>Information contect</u> of UL LLC (UL) or -

Page 2 of 2

Created by UL Document Assembler 2018-10-23 19:49:53 -05:00

	Ref. Certif. No.			
	US-32419-UL			
IEC SYSTEM FOR MUTUAL RECOGNITION OF T CB SCHEME	TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE)			
CB TEST CERTIFICATE				
Product	Hard Drive			
Name and address of the applicant	SEAGATE SINGAPORE INTERNATIONAL HEADQUARTERS PTE LTD THE SHUGART 26 AYER RAJAH CRESCENT SINGAPORE 139944 SINGAPORE			
Name and address of the manufacturer	SEAGATE SINGAPORE INTERNATIONAL HEADQUARTERS PTE LTD THE SHUGART 28 AYER RAJAH CRESCENT SINGAPORE 139944 SINGAPORE			
Name and address of the factory	SEAGATE TECHNOLOGY INTERNATIONAL (WUXI) CO LTD			
Note: When more then one factory, glasse report on gage 2	NO. 2 XING CHUANG ER LU, ZONE B, EXPORT PROCESSING ZONE WUXI-SINGAPORE INDUSTRIAL PARK WUXI JIANGSU 214028 CHINA Additional Information on page 2			
Ratings and principal characteristics	5Vdc, 0.85A 12Vdc: 0.99A (Optional)			
Trademark (if any)	None			
Type of Customer's Testing Facility (CTF) Stage used	CTF Stage 2			
Model / Type Ref.	STL010, STL011			
Additional information (if necessary may also be reported on page 2)	Additionally evaluated to EN 62368-1:2014 / A11:2017; National Differences specified in the CB Test Report.			
A sample of the product was tested and found to be in conformity with	IEC 62368-1:2014			
As shown in the Test Report Ref. No. which forms part of this Certificate	E190397-A6001-CB-1 issued on 2018-09-10, E190397-A6001-CB-1 issued on 2018-09-11			
This CB Test Certificate is issued by the National Certification Body				
UL (US), 333 Pringsion Rd IL 60062, Northbrook, USA UL (US), 333 Pringsion Rd IL 60062, Northbrook, USA UL (Derriva), Borupvang EA DK-2750 Ballensp, DENMARK UL (P), Mauroachi Trast Tower Main Balding 0F, 1-8-3 Mannoachi, Chiyode-ku, Tokyo 100-0005, JAPAN UL (A), 7 Underwitzers Road, Toiseta, M1R 384 Ontario, CANADA Date: 2018-09-12 Signature:				
	Jolanta M. Wroblewska			

	Ref. Certif. No.
	US-32419-UL
Factories: SEAGATE TECHNOLOGY (THAILAND) LTD 90 MOO 15 A SUNGNEON, T SUNGNEON NAKHON RATCHASIMA 3017 THAILAND	0
Additional information (if necessary)	
UL (US), 333 Plingsion Rd IL 60082, Nor UL (US), Derupsion Rd IL 60082, Nor	knup, DENMARK uilding BF, 1-8-3 Manunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN vI1R 384 Ontario, CANADA
Date: 2018-09-12 Jolanda fr. Jolanda fr. Jolanda M. Wroblew)



Page 1 of 3 TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany

TUV®



CERTIFICATE

No. B 061811 0157 Rev. 00

Model(s):

Regulatory Model STL010 and STL011

Hard Disk Drive Series

Regulatory Model Number STL010

8 Ter	aByte,	Senal -AT/	A Interfa	ce (SAT	A), 256 N	regaBy	te cac	he, 5 discs/10 hear	as, bize forma
6 TB	, SATA	Interface,	256 MB	cache,	3 discs/6	heads,	512E	format	
4 TB	SATA	Interface,	128 MB	cache,	2 discs/4	heads,	512E	format	
2 TB	SATA	Interface,	128 MB	cache,	2 discs/3	heads.	512E	format	

Indicates units used for testing

Regulatory Model Number STL011

	8 4K				, Serial	-Attact	hed	SCSI	nte	rface (SAS),	256	Me	gaByte	Cð	che,	5 discs/10	heads.	512
-	6	TE	3, 1	SAS	Interfac	e, 256	MB	cache	, 3	discs/6	5 head	is, 5	12E	format	or	4Kn	format		
	-4	TE	3, 1	SAS	Interfac	e, 256	MB	cache	. 2	discs/4	4 head	is, 5	12E	format	or	4Kn	format		

2 TB, SAS Interface, 256 MB cache, 2 discs/3 heads, 512E format or 4Kn format 2 TB, SAS Interiace, see

Note: Any variations in capacity, cache size, format size, NAND or no NAND and security options can be incorporated to create various model configurations. These drives are available in Serial- Attached- SCSI (SAS) interface only. All configurations will fall under RMN STL010 or STL011.

Page 2 of 3 TÜV SÜD Product Service GmbH + Certification Body • Ridlerstraße 65 • 80339 Munich • Germany

TUV®



CERTIFICATE

No. B 061811 0157 Rev. 00

 Parameters:
 Rated Input Voltage:
 +5Vdc / +12Vdc

 Rated Frequency:
 dc

 Rated Input Current:
 0.85 A / 0.99 A

 Protection Class:
 III

 Degree of Protection:
 IPX0

Conditions of Acceptability:

- 1. Drives are to be supplied by a reliably SELV power supply.
- Suitable enclosure (fire/mechanical) to be provided/evaluated when drive is installed in the end use product.

 Drives were evaluated at maximum ambient (55°C) determined by Seagate specification. Seagate specification also states, a maximum allowable drive case temperature of 60°C. This specification was exceeded during testing.
 Locked rotor tests of spindle motor were conducted in accordance with

Annex B.4.3, IEC 62368-1.

Tested according to:

EN 62368-1:2014

061810, 064076

Production Facility(ies):

Page 3 of 3 TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany τυν®



EU Declaration of Conformity

Product Safety and EMC Compliance

The product(s) meets the requirements of The Electromagnetic Compatibility (EMC) Directive 2014/30/EU by application of the following standards:

EN 55032:2012	Electromagnetic compatibility of multimedia equipment - Emission requirements, Class B
EN 55024:2010	Information Technology Equipment - Immunity characteristics - Limits and methods of
EN 61000-3-2:2014 EN 61000-3-3:2013	measurement Limits for harmonic current emissions (equipment input current ≤ 16 A per phase) Limitation of Voltage Changes, Voltage Fluctuations and Flicker in Low-Voltage Supply Systems for Equipment with Rated Current ≤16 Amps per Phase

The product(s) meets the requirements of The Low Voltage Directive (LVD) 2014/35/EU by application of the following standard(s):

EN 60950-1:2006 /A11:2009 /A1:2010 /A12:2011/A2:2013 Information Technology Equipment - Safety- (Second Edition) Part 1: General Requirements

EN 62368-1:2014 Audio/video, information and communication technology equipment - Part 1: Safety requirements (IEC 62368-1:2014, Modified)

Product Environmental Compliance, EU/China RoHS Declaration of Conformity

Conformity with Harmonized Standards/Technical Specifications:

- Directive 2011/65/EU RoHS "Recast" (RoHS 2) as amended by Directive (EU) 2015/863 and further amended by Directive 2018/739 and Directive 2018/740
- EN 50581:2012
- Management Methods for Controlling Pollution by Electronic Information Products, Ministry of Information Industry Order No. 39 (China RoHS)
- Management Methods for the Restriction of the Use of Hazardous Substances in electrical and Electronic Products, Ministry of Industry and Information Technology Order No. 32 effective July 1, 2016 (China RoHS 2)
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Exemption Description
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6b. Lead as an alloying element in aluminum up to 0.4% lead by weight
6c. Lead as an alloying element in copper containing up to 4% lead by weight
7a. Lead in high melting temperature type solders (i.e. lead-based solder alloys containing 85% by weight or more lead)
7(c)-I Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors (e.g. piezoelectronic devices) or in a glass or ceramic matrix compound

DocuSign Envelope ID: 0B459B46-2B22-4F8C-9E67-3D73E08EDCF4

Year to Begin Affixing Mark:	2018
Manufacturer's Name:	Seagate Technology, LLC
Manufacturer's Address:	10200 South De Anza Blvd.
(And Importer)	Cupertino, California 95014-3029 U.S.A.
European Contact:	Director of Operations Seagate Singapore Int'l HQ Pte. Ltd Koolhovenlaan 1 1119 NB Schiphol - Rijk The Netherlands
Type of Equipment:	Hard Disc Drive
Internal Product Name:	Cimarron, SATA
Regulatory Model Number:	STL010

This product or products are in conformity with the relevant Union harmonization legislation. This declaration of conformity is issued under the sole responsibility of Seagate Technology LLC.

Docultigned by:

Matthew C Brown 191027331AEB405.

Date: 8-31-2018

Signature:____

Matthew Brown Vice President Operations Quality



Supplier's Declaration of Conformity

Declaration of Conformity as a registered and responsible supplier under the Australian Communications and Media Authority (ACMA) regulatory arrangements for Regulatory Compliance Mark (RCM) and it's placement.

Responsible Supplier Name: Seagate Technology Australia Pty Ltd Responsible Supplier Number: E806

Seagate Technology Australia Pty. Limited Level 7, 91 Phillip St PARRAMATTA NSW 2150 AUSTRALIA

Declare under our sole responsibility that the following product(s):

Hard Disk Data Storage Drive

Model: STL010

to which this declaration relates is in conformity with the following standard(s):

Title		Test Regulation
Australian/New	Zealand Standar	d AS/NZS CISPR 32: 2015
(Name of the Au	thorized Person)	Sam Zavaglia
(Title of the Auth	orized Person)	Senior Field Applications Engineer
(Date of Issue)	4 th September 2	2018
(Signature)	to	-

		符合性聲明書		魂魄够务人代碼 cde of the applicant	編號 Number
	D	eclaration of Conform	mity	D33027	1911191200
本符合性的 Please check all signing the form	the related technical	品檢驗法規定備齊相 documents in accordance with th	I關技術文 e Commodity I	件後始得到 aspection Act bef	簽具 Yore
報驗義務人:1	台灣希捷科技服	设份有限公司(Seagate Te	chnology Ta	iwan, Ltd.)	
Obligatory Applicant					
地址: <u>臺北市</u> ; Address	松山區復興北路	各 363 號 14 樓	,		
電話: <u>02-2514</u> Telephone	-2273				
商品中(英) Commodity Name	文名稱: <u>硬式磁</u>	拉碟機			
商品型式 (或	型號): <u>STL010</u>)			
ST6000NM000Å, ST600 ST4000NM018A, ST300 ST8000NM005A, ST600 ST4000NM010A, ST300 ST8000NM009A, ST600	00NM004A, ST6000NM 00NM000A, ST2000NM 00NM023A, ST6000NM 00NM002A, ST2000NM	2A, ST8000NM000A, ST8000NM016A 1037A, ST4000NM000A, ST4000NM00 1000A, ST2000NM001A, ST2000NM0 1024A, ST6000NM006A, ST5000NM0 1006A, ST2000NM008A, ST2000NM0	2A, ST4000NM0 02A, ST1000NM0 07A, ST4000NM0 10A, ST1000NM0	01A, ST4000NM02 00A, ST8000NM00 06A, ST4000NM00 02A, ST8000NM00	0A, 04A, 08A,
ST4000NM016A, ST400 ST4000DX004, ST4000 ST4000NE000, ST2000	00NM012A, ST8000NM 00NM022A, ST3000NM DM008, ST2000DM012 NE001, ST8000VX004,	1011A, ST6000NM025A, ST6000NM0 1013A, ST6000NM014A, ST6000NM0 1007A, ST2000NM012A, ST2000NM0 2, ST8000VN004, ST6000VN004, ST80 ST6000VX004, ST8000VE000, ST600	15A, ST6000NM0 14A, ST1000NM0 00NE001,ST6000 0VE000, ST4000	27A, ST6000NM02 04A, ST8000DM00 NE000, ST4000NE /E000	3A, 28A, 08, ST6000DM00 001,
ST4000NM016A, ST400 ST4000DX004, ST4000 ST4000NE000, ST2000	00NM012A, ST8000NM 00NM022A, ST3000NM DM008, ST2000DM012 NE001, ST8000VX004, 反版次: <u>CNS 134</u> 7)	1013A, ST6000NM014A, ST6000NM0 1007A, ST2000NM012A, ST2000NM0 2, ST8000VN004, ST6000VN004, ST80	15A, ST6000NM0 14A, ST1000NM0 00NE001,ST6000 0VE000, ST4000	27A, ST6000NM02 04A, ST8000DM00 NE000, ST4000NE /E000	3A, 28A, 08, ST6000DM00 001,
ST4000NM016A, ST400 ST4000DX004, ST4000 ST4000NE000, ST20000 符合之檢驗標準] CNS 15663 2013. Standard(s) and version 試驗報告編號: <u>S</u>	00NM012A, ST8000NM 00NM022A, ST3000NM DM008, ST2000DM012 NE001, ST8000VX004, 反版灾: <u>CNS 134</u> <u>7)</u> m	1013A, ST6000NM014A, ST6000NM0 1007A, ST2000NM012A, ST2000NM0 ; ST8000VN004, ST6000VN004, ST80 ST6000VX004, ST8000VE000, ST600 38 (2006.6), CNS 14336-1 (20	15A, ST6000NM0 14A, ST1000NM0 00NE001,ST6000 0VE000, ST4000	27A, ST6000NM02 04A, ST8000DM00 NE000, ST4000NE /E000	3A, 28A, 08, ST6000DM00 001,
ST4000NM016A, ST400 ST4000DX004, ST4000 ST4000NE000, ST20000 符合之檢驗標準] CNS 15663 2013. Standard(s) and versic 試驗報告編號: <u>S</u> Test Report Number	00NM012A, ST8000NM 00NM022A, ST3000NM DM008, ST2000DM012 NE001, ST8000VX004, 反版次: <u>CNS 134</u> <u>7)</u> n SEAG0242.2(EMC	1013A, ST6000NM014A, ST6000NM0 1007A, ST2000NM012A, ST2000NM0 2, ST8000VN004, ST6000VN004, ST80 ST6000VX004, ST8000VE000, ST600 <u>38 (2006.6), CNS 14336-1 (2</u> 2)	15A, ST6000NM0 14A, ST1000NM0 00NE001,ST6000 0VE000, ST4000	27A, ST6000NM02 04A, ST8000DM00 NE000, ST4000NE /E000	3A, 28A, 08, ST6000DM00 001,
ST4000NM016A, ST400 ST4000NE000, ST4000 ST4000NE000, ST2000 符合之檢驗標準了 CNS 15663 2013. Standard(s) and versic 試驗報告編號: S Test Report Number 試驗室名稱及代号	00NM012A, ST8000NM 00NM022A, ST3000NM DM008, ST2000DM012 NE001, ST8000VX004, 反版次: <u>CNS 134</u> <u>7)</u> SEAG0242.2(EMC 虎: <u>Element Mate</u>	1013A, ST6000NM014A, ST6000NM0 1007A, ST2000NM012A, ST2000NM0 2, ST8000VN004, ST6000VN004, ST80 ST6000VX004, ST8000VE000, ST600 38 (2006.6), CNS 14336-1 (20 2) rials Technology (EMC)	15A, ST6000NM0 14A, ST1000NM0 00NE001,ST6000 0VE000, ST4000	27A, ST6000NM02 04A, ST8000DM00 NE000, ST4000NE /E000	3A, 28A, 08, ST6000DM0 001,
ST4000NM016A, ST400 ST4000NE000, ST4000 ST4000NE000, ST2000 符合之檢驗標準了 CNS 15663 2013. Standard(s) and versic 試驗報告編號: S Test Report Number 試驗室名稱及代号	00NM012A, ST8000NM 00NM022A, ST8000NM DM008, ST2000DM01 DM008, ST8000VX004, 反版灾: <u>CNS 134</u> <u>7]</u> SEAG0242.2(EMC 處: <u>Element Mate</u> ne and designation nu	1013A, ST6000NM014A, ST6000NM0 1007A, ST2000NM012A, ST2000NM0 2, ST8000VN004, ST6000VN004, ST80 ST6000VX004, ST8000VE000, ST600 38 (2006.6), CNS 14336-1 (20 2) rials Technology (EMC)	15A, ST6000NM0 14A, ST1000NM0 00NE001,ST6000 0VE000, ST4000	27A, ST6000NM02 04A, ST8000DM00 NE000, ST4000NE /E000	3A, 28A, 08, ST6000DM0 001,
ST4000NM016A, ST400 ST4000NE000, ST4000 ST4000NE000, ST2000 符合之檢驗標準了 CNS 15663 2013. Standard(s) and versic 試驗報告編號: S Test Report Number 試驗室名稱及代野 Testing laboratory nam 符合性聲明檢顯	00NM012A, ST8000NM 00NM022A, ST3000NM DM008, ST2000DM012 DM008, ST2000DM012 CNS 134 20 SEAG0242.2(EMC 號 : <u>Element Mate</u> ne and designation nu <u>SL2-IP</u> 臉標識及識別號	1013A, ST6000NM014A, ST6000NM0 1007A, ST2000NM012A, ST2000NM0 , ST8000VN004, ST6000VN004, ST80 ST6000VX004, ST8000VE000, ST600 38 (2006.6), CNS 14336-1 (2) c) rials Technology (EMC) mber N-E-1152R 記碼:	15A, ST6000NM0 14A, ST1000NM0 00NE001, ST6000 0VE000, ST4000 010.9) Section	27A, ST6000NM02 04A, ST8000DM00 NE000, ST4000NE /E000	3A, 188A, 08, ST6000DM00 001, f presence'' o
ST4000NM016A, ST400 ST4000NE0004, ST4000 ST4000NE0000, ST20000 符合之檢驗標準力 CNS 15663 2013. Standard(s) and versic 試驗報告編號: S Test Report Number 試驗室名稱及代發 Testing laboratory nam 符合性聲明檢顯 The form of the Doc n	00NM012A, ST8000NM 00NM022A, ST8000NM DM008, ST2000DM01 NE001, ST8000VX004, 反版次: <u>CNS 134</u> <u>21</u> SEAG0242.2(EMC 號: <u>Element Mate</u> ne and designation nu <u>SL2-IN</u> 臉標識及識別號 marking appears like t	1013A, ST6000NM014A, ST6000NM0 1007A, ST2000NM012A, ST2000NM0 , ST8000VN004, ST6000VN004, ST600 38 (2006.6), CNS 14336-1 (2) rials Technology (EMC) mber N-E-1152R 院碼: his	15A, ST6000NM0 14A, ST1000NM0 00NE001, ST6000 0VE000, ST4000 010.9) Section 010.9) Section 010.9	27A, ST6000NM02 104A, ST8000DM00 NE000, ST4000NE /E000 n 5 "Marking o or O33027 D33027 Pauls	3A, 18A, 08, ST6000DM00 001, f presence'' o
ST4000NM016A, ST400 ST4000NE000, ST4000 ST4000NE000, ST2000 符合之檢驗標準 CNS 15663 2013 Standard(s) and versic 試驗報告編號: S Test Report Number 試驗室名稱及代野 Testing laboratory nam 符合性聲明檢顯 The form of the Doct n 茲聲明上述商品	00NM012A, ST8000NM 00NM022A, ST3000NM DM008, ST2000DM0N NE001, ST8000VX004, Q版次: <u>CNS 134</u> <u>7)</u> m SEAG0242.2(EMC 號: <u>Element Mate</u> ne and designation nu <u>SL2-IN</u> 臉標識及識別號 marking appears like t 品符合商品檢關	1013A, ST6000NM014A, ST6000NM0 1007A, ST2000NM012A, ST2000NM0 , ST8000VN004, ST6000VN004, ST80 ST6000VX004, ST8000VE000, ST600 38 (2006.6), CNS 14336-1 (2) rials Technology (EMC) mber N-E-1152R 乾碼: his	15A, ST6000NM0 14A, ST1000NM0 00NE001, ST6000 0VE000, ST4000 010.9) Section 010.9) Section 010.9	27A, ST6000NM02 104A, ST8000DM00 NE000, ST4000NE /E000 n 5 "Marking o or O33027 D33027 Pauls	3A, 18A, 08, ST6000DM00 001, f presence'' o
ST4000NM016A, ST400 ST4000NE000, ST4000 ST4000NE000, ST20001 符合之檢驗標準? CNS 15663 2013. Standard(s) and versic 試驗報告編號: S Test Report Number 試驗室名稱及代野 Testing laboratory nam 符合性聲明檢顯 The form of the Doct 茲聲明上述商品 願意擔負相關?	00NM012A, ST8000NM 00NM022A, ST3000NM DM008, ST2000DM012 DM008, ST2000DM012 Q版次: <u>CNS 134</u> DM008, ST2000VX004, Q版次: <u>CNS 134</u> DM08 EAG0242.2(EMC 號EAG0242.2(EMC 號EAG0242.2(EMC 號EAG0242.2(EMC 號EAG0242.2(EMC 號EAG0242.2(EMC 調整 题EAG0242.2(EMC 調整 题EAG0242.2(EMC 調整 题EAG0242.2(EMC 調整 题EAG0242.2(EMC 調整 题EAG0242.2(EMC 調整 题EAG0242.2(EMC 調整 题EAG0242.2(EMC 調整 题EAG0242.2(EMC 調整 题EAG0242.2(EMC SL2-II) 题標調及識別 题 marking appears like t 品符合商品檢顯 去律責任	1013A, ST6000NM014A, ST6000NM0 1007A, ST2000NM012A, ST2000NM0 , ST8000VN004, ST6000VN004, ST600 38 (2006.6), CNS 14336-1 (2) rials Technology (EMC) mber N-E-1152R 院碼: his	15A, ST6000NM0 14A, ST1000NM0 00NE001, ST6000 0VE000, ST4000 010.9) Section 010.9) Section 027 15 皆因違反本	27A, ST6000NM02 104A, ST8000DM00 NE000, ST4000NE /E000 of 5 "Marking o 0 0 0 0 0 3 3 0 2 3 3 0 2 3 3 0 2 3 3 0 2 3 3 0 2 7 8 9 8 9 8 9 8 8 9 8 8 9 8 8 9 8 9 8 9	3A. 28A. 08, ST6000DM00 001, f presence'' o 可 明之內容
ST4000NM016A, ST400 ST4000NE000, ST4000 ST4000NE000, ST2000 符合之檢驗標準 CNS 15663 2013 Standard(s) and versic 試驗報告編號: S Test Report Number 試驗室名稱及代發 Testing laboratory nam 符合性聲明檢顯 The form of the Doc n 茲聲明上述商品 願意擔負相關》 I hereby declare that th	00NM012A, ST8000NM 00NM022A, ST8000NM DM008, ST2000DM012 NE001, ST8000VX004, 反版次: <u>CNS 134</u> <u>20</u> SEAG0242.2(EMC 號: <u>Element Mate</u> ne and designation nur <u>SL2-IN</u> 臉標識及識別號 marking appears like t 品符合商品檢顯 去律責任。	1013A, ST6000NM014A, ST6000NM0 1007A, ST2000NM012A, ST2000NM0 ST6000VX004, ST6000VX004, ST600 38 (2006.6), CNS 14336-1 (2) rials Technology (EMC) mber N-E-1152R 院碼: his D33 Rol 象法符合性聲明之規定, 如子合性聲明之規定,	15A, ST6000NM0 14A, ST1000NM0 00NE001, ST6000 0VE000, ST4000 010.9) Section 010.9) Section 010.9 Section 027 1S 皆因違反本 ity requirements	27A, ST6000NM02 04A, ST800DM00 NE000, ST4000NE /E000 n 5 "Marking o or O33027 聲明書內下聲	3A. 28A. 08, ST6000DM00 001, fpresence" o 可 可 可 可 可 了
ST4000NM016A, ST400 ST4000NE004, ST400 ST4000NE000, ST2000 符合之檢驗標準沪 CNS 15663 2013 Standard(s) and versic 試驗報告編號: S Test Report Number 試驗室名稱及代發 Testing laboratory nam 符合性聲明檢顯 The form of the Doc n 茲聲明上述商品 願意擔負相關〉 I hereby declare that th	00NM012A, ST8000NM 00NM022A, ST3000NM DM002A, ST3000NM DM008, ST2000DM012 Q版次: <u>CNS 134</u> 2000 SEAG0242.2(EMC 號: <u>Element Mate</u> ne and designation nut <u>SL2-IN</u> 臉標識及識別號 marking appears like t 品符合商品檢廳 去律責任 e to take any legal obliged	1013A, ST6000NM014A, ST6000NM0 1007A, ST2000NM012A, ST2000NM0 ST6000VN004, ST6000VN004, ST800 38 (2006.6), CNS 14336-1 (2) rials Technology (EMC) mber N-E-1152R 號碼: his 敏法符合性聲明之規定, 號為指告言	15A, ST6000NM0 14A, ST1000NM0 00NE001, ST6000 0VE000, ST4000 010.9) Section 010.9) Section 010.9 Section 027 1S 皆因違反本 ity requirements	27A, ST6000NM02 04A, ST800DM00 NE000, ST4000NE /E000 n 5 "Marking o or O33027 聲明書內下聲	3A. 28A. 08, ST6000DM00 001, fpresence" o 可 可 可 可 可 之 内容
ST4000NM016A, ST400 ST4000NE000, ST4000 ST4000NE000, ST2000 符合之檢驗標準 CNS 15663 2013 Standard(s) and versic 試驗報告編號: S Test Report Number 試驗室名稱及代發 Testing laboratory nam 符合性聲明檢顯 The form of the Doc n 茲聲明上述商品 願意擔負相關》 I hereby declare that th	00NM012A, ST8000NM 00NM022A, ST3000NM DM008, ST2000DM012 NE001, ST8000VX004, 反版次: <u>CNS 134</u> <u>20</u> SEAG0242.2(EMC 號: <u>Element Mate</u> ne and designation nur <u>SL2-IN</u> 臉標識及識別號 marking appears like t 品符合商品檢顯 去律責任。 to take any legal option	1013A, ST6000NM014A, ST6000NM0 1007A, ST2000NM012A, ST2000NM0 , ST8000VN004, ST6000VN004, ST800 38 (2006.6), CNS 14336-1 (2) rials Technology (EMC) mber N-E-1152R 號碼: his Operation of Conform 象法符合性聲明之規定, 新文化合性聲明之規定, 如何不知道	15A, ST6000NM0 14A, ST1000NM0 00NE001, ST6000 0VE000, ST4000 010.9) Section 010.9) Section 010.9 Section 027 1S 皆因違反本 ity requirements e Declaration of	27A, ST6000NM02 04A, ST800DM00 NE000, ST4000NE /E000 n 5 "Marking o or D33027 聲明書內雪 stipulated in the 0 Conformity occur	3A. 188A. OB, ST6000DM00 001, f presence" c 可 可 可 可 可 之 内容
ST4000NM016A, ST400 ST4000NE0004, ST4000 ST4000NE0000, ST20000 符合之檢驗標準力 CNS 15663 2013 Standard(s) and versic 試驗報告編號: S Test Report Number 試驗室名稱及代發 Testing laboratory nam 符合性聲明檢顯 The form of the DoC n 茲聲明上述商品 願意擔負相關〉 I hereby declare that th Inspection Act. Lagree	00NM012A、ST8000NM 00NM022A、ST3000NM 00NM022A、ST3000NM DM008、ST2000DM01 NEO01、ST8000VX004、 Q版次:CNS 134 20 SEAG0242.2(EMC 点: Element Mate ne and designation nu SL2-IN 臉標識及識別號 marking appears like t 品符合商品檢懸 去律責任 記符合商品檢懸 去律責任 目sted commodity c e to take any legat colif 工作 台灣希捷科	1013A, ST6000NM014A, ST6000NM0 1007A, ST2000NM012A, ST2000NM0 ST6000VX004, ST6000VE000, ST600 38 (2006.6), CNS 14336-1 (2) rials Technology (EMC) mber N-E-1152R 院碼: his Difference Declaration of Conform gations to Declaration of Conform gations should violations against th HNOLOGY LAI	15A, ST6000NM0 14A, ST1000NM0 00NE001, ST6000 0VE000, ST4000 010.9) Section 010.9) Section 027 15 皆因違反本 ity requirements e Declaration of un Cheong	27A, ST6000NM02 04A, ST800DM00 NE000, ST4000NE /E000 n 5 "Marking o or D33027 聲明書內雪 stipulated in the 0 Conformity occur	3A. 188A. OB, ST6000DM00 001, f presence" c 可 可 可 可 可 之 内容
ST4000NM016A, ST400 ST4000NE0004, ST4000 ST4000NE0000, ST20001 符合之檢驗標準沪 CNS 15663 2013 Standard(s) and versic 試驗報告編號: S Test Report Number 試驗室名稱及代發 Testing laboratory nam 符合性聲明檢顯 The form of the DoC n 茲聲明上述商品 願意擔負相關》 I hereby declare that th Inspection Act. I agree 報驗義務人:	00NM012A、ST8000NM 00NM022A、ST3000NM 00NM022A、ST3000NM DM008、ST2000DM01 NEO01、ST8000VX004、 Q版次:CNS 134 20 SEAG0242.2(EMC 点: Element Mate ne and designation nu SL2-IN 臉標識及識別號 marking appears like t 品符合商品檢懸 去律責任 記符合商品檢懸 去律責任 目sted commodity c e to take any legat colif 工作 台灣希捷科	1013A, ST6000NM014A, ST6000NM0 1007A, ST2000NM012A, ST2000NM0 ST6000VN004, ST6000 38 (2006.6), CNS 14336-1 (2) rials Technology (EMC) mber V-E-1152R 表碼: his Declaration of Conform gations should violations against th HNOLOGY 技限份有限公司/Dai Ch	15A, ST6000NM0 14A, ST1000NM0 00NE001, ST6000 0VE000, ST4000 010.9) Section 010.9) Section 027 15 皆因違反本 ity requirements e Declaration of un Cheong	27A, ST6000NM02 104A, ST8000DM00 NE000, ST4000NE /E000 n 5 "Marking o or D33027 聲明書所聲 stipulated in the O Conformity occur (簽章)	3A. 28A. 08, ST6000DM00 001, fpresence" o 可 可 可 可 可 了
ST4000NM016A, ST400 ST4000NE000, ST4000 ST4000NE000, ST2000 符合之檢驗標準力 CNS 15663 2013 Standard(s) and versic 試驗報告編號: S Test Report Number 試驗室名稱及代發 Testing laboratory nam 符合性聲明檢顯 The form of the DoC n 茲聲明上述商品 願意擔負相關 I hereby declare that th Inspection Act. Lagree	00NM012A、ST8000NM 00NM022A、ST3000NM 00NM022A、ST3000NM DM008、ST2000DM01 NEO01、ST8000VX004、 Q版次:CNS 134 20 SEAG0242.2(EMC 点: Element Mate ne and designation nu SL2-IN 臉標識及識別號 marking appears like t 品符合商品檢懸 去律責任 記符合商品檢懸 去律責任 目sted commodity c e to take any legat colif 工作 台灣希捷科	1013A, ST6000NM014A, ST6000NM0 1007A, ST2000NM012A, ST2000NM0 ST6000VN004, ST6000 38 (2006.6), CNS 14336-1 (2) rials Technology (EMC) mber V-E-1152R Ruff 法符合性聲明之規定, 加加加加加加加加加加加加加加加加加加加加加加加加加加加加加加加加加加加加	15A, ST6000NM0 14A, ST1000NM0 00NE001, ST6000 0VE000, ST4000 010.9) Section 010.9) Section 027 15 皆因違反本 ity requirements e Declaration of un Cheong	27A, ST6000NM02 104A, ST8000DM00 NE000, ST4000NE /E000 n 5 "Marking o or D33027 聲明書所聲 stipulated in the O Conformity occur (簽章)	3A. 28A. 08, ST6000DM00 001, fpresence" o 可 切之內容

7EDC-1560-19C3-5254

상호 또는 성명 Tade Name or Registrant	SEAGATE TECHNOLOGY LLC					
기자재명칭(제품명칭) Equipment Name Hard Disc Drive						
기본모델명 Basic Model Number	STL010					
파생모델명 Series Model Number	ST8000NM002A, ST6000VE000, ST4000VE000, ST8000VE000, ST6000NM037A, ST3000NM007A ST2000NM014A, ST4000NM022A, ST6000NM028A, ST6000NM027A, ST6000NM025A, ST6000NM024A, ST6000NM026A, ST6000NM023A, ST6000NM022A, ST6000NM021A, ST6000VX004, ST2000NE001, ST4000NE001, ST8000NE001, ST8000VN004, ST4000DM008, ST6000DM006, ST1000NM004A, ST4000NM016A, ST8000DM008, ST6000NM012A, ST6000NM012A, ST6000NM013A, ST2000NM004A, ST4000NM013A, ST6000NM010A, ST8000NM008A, ST5000NM013A, ST3000NM004A, ST4000NM013A, ST6000NM010A, ST8000NM008A, ST5000NM013A, ST3000NM004A, ST4000NM014A, ST8000NM010A, ST8000NM008A, ST2000NM008A, ST2000NM006A, ST6000NM014A, ST2000NM012A, ST6000NM012A, ST5000NM011A, ST3000NM009A, ST1000NM002A, ST2000NM010A, ST3000NM002A, ST4000NM008A, ST6000NM07A, ST8000NM005A, ST1000NM00A, ST2000NM001A, ST3000NM000A, ST4000NM02A, ST4000NM00A, ST6000NM00A, ST5000NM004A, ST5000NM000A, ST4000NM02A, ST4000NM00A, ST6000NM00A, ST5000NM00A, ST5000NM00A, ST4000NM01A, ST4000NM01A, ST4000NM00A, ST5000NM00A, ST5000NM00A, ST5000NM00A, ST6000NM00A, ST4000NM00A, ST4000NM00A, ST5000NM00A, ST4000NM00A, ST5000NM00A, ST5000NM00					
등록번호 Registration No.	R-R-STX-STL010					
제조자/제조(조립)국가 Manufacturer/Country of Origin	SEAGATE TECHNOLOGY LLC / 태국, 중국					
등록연월일 Date of Registration	2018-09-03					
기타 Others						
	제58조의2 제3항에 따라 등록되었음을 증명합니다. quipment has been registered under the Clause 3, Article 58-2 of Radio					

Director General of National Radio Research Agency

※ 적합등록 방송통신기자재는 반드시 "적합성평가표시" 를 부착하여 유통하여야 합니다. 위반시 과태료 처분 및 등록이 취소될 수 있습니다.