



SEAGATE

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**Reg Model: STL013**  
**(Harrier, SAS)**  
***Regulatory***  
***Assurance Certification***

*November 20, 2019*  
*Rev A*

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**Author: Regulatory Assurance**

# CERTIFICATE OF COMPLIANCE

Certificate Number 20190510-E106814 ]  
Report Reference E106814-A6003-UL ]  
Issue Date 2019-MAY-10 ]

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

This certificate confirms that representative samples of COMPONENT - AUDIO/VIDEO, INFORMATION AND COMMUNICATION TECHNOLOGY EQUIPMENT. ]  
Hard Disk Drive, Model STL013. ]

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.

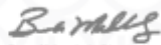
Standard(s) for Safety: UL 62368-1 & CSA C22.2 No. 62368-1-14 - Audio/video, information and communication technology equipment Part 1: Safety requirements. ]

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. ]



Bruce Mahrenholz, Director North American Certification Program  
UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <https://ul.com/customerservice>



# CERTIFICATE OF COMPLIANCE

Certificate Number 20190510-E106814 ]  
Report Reference E106814-A50-UL ]  
Issue Date 2019-MAY-10 ]

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, Model STL013 ]

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 & 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://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. ]

  
Bruce Mahrenholz, Director North American Certification Program  
UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <https://ul.com/customer-service>





Ref. Certif. No.

US-33623-UL

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

CB TEST CERTIFICATE

Product

Name and address of the applicant

Name and address of the manufacturer

Name and address of the factory

Note: Other uses than on factory (please report on page 2)

Ratings and/or critical characteristics

Trademark (if any)

Type of Customer's Testing Facility (CTF) (stage used)

Model / Type Ref.

Additional information (if necessary may also be reported on page 2)

A sample of the product was tested and found to be in conformity with

As shown in the Test Report Ref. No. which forms part of this Certificate

Hard Disk Drive


SEAGATE TECHNOLOGY L.L.C  
365 DISC DR  
LONGMONT CO 80503-9364 USA

SEAGATE TECHNOLOGY L.L.C  
365 DISC DR  
LONGMONT CO 80503-9364 USA

TELEPLAN TECHNOLOGY SERVICES SDN BHD  
2500 TINGKAT PERUSAHAAN 40 ZON PERDAGANGAN  
DEBAS DUA 13600 PULAU PERAI PENANG  
MALAYSIA  
 Additional information on page 2

5 Vdc/ 1.1 A, 12 Vdc/0.5 A  
(ratings are optional, no direct connection to mains)

Seagate



CTF Stage 2

STL013

Additionally evaluated to EN 62368-1:2014 / A11:2017- National Differences specified in the CB Test Report.  
 Additional information on page 2

IEC 62368-1:2014

E1056H-4-AB003-CB-1 issued on 2019-05-03

This CB Test Certificate is issued by the National Certification Body



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UL (US), 300 N. Michigan Rd. S. 9000, Northbrook, IL, USA  
 UL (China), Nanjing 8424 2763 Baling, 2016000  
 UL (JP), Wakoishi/Tsukuba Tower Inn Building 6F, 1-1-1 Wakoishi, Chiyoda-ku, Tokyo 100-0008, JAPAN  
 UL (CA), 1 Unionville Road, Toronto, M1H 5K6 Ontario, CANADA

For full legal entity names see www.ul.com/certification

Date: 2019-05-03

Signature:

Jolanta M. Wroblewska



Ref. Certif. No.

US-33623-UL

**Factories:**

SEAGATE TECHNOLOGY LLC (AO AUDIO VIDEO COLOR CORP)  
17707 S SANTA FE AVENUE/ST RAMON DO MINGUEZ CA 90221-2419  
USA

GREYSTONE DATA SYSTEMS VIETNAM CO.,LTD  
LOT 82A, B ROAD, LINH TRUNG EXPORT PROCESSING ZONE II, BINH CHIEU WARD, THU DUC DISTRICT HO  
CHI MINH CITY  
VIETNAM

SEAGATE TECHNOLOGY INTERNATIONAL (WUXI) CO LTD  
NO. 3 XING CHUANG ER LU, ZONE B, EXPORT PROCESSING ZONE WUXI-SINGAPORE INDUSTRIAL PARK  
WUXI JIANGSU 214008  
CHINA

SEAGATE TECHNOLOGY L.L.C  
389 DENO DR LONGMONT CO 80503-8064  
USA

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

**Additional information (if necessary)**



- UL 480, 330 Phoenix Blvd, 60602, Northbrook, USA
- UL Canada, 6090 Yonge St, 1710, Markham, ON M3J 1P3
- UL (CN) (Shanghai) Trust Trust Ltd, Building 9F, 118, LiMing Road, Gongli Road, Town, 200008, JIANGSU
- UL (CA), 7 Underhill Road, Toronto, M2H 1B9, Ontario, CANADA

For full text and references see [www.ul.com/certificates](http://www.ul.com/certificates)

Date: 2019-05-03

Signature:

Jolanta M. Wroblewska



Ref. Certif. No.

US-33622-UL

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

**CB TEST CERTIFICATE**

Product	Hard Disk Drive
Name and address of the applicant	SEAGATE TECHNOLOGY L.L.C. 369 DICC DR LONGMONT CO 80503-6364 USA
Name and address of the manufacturer	SEAGATE TECHNOLOGY L.L.C. 369 DICC DR LONGMONT CO 80503-6364 USA
Name and address of the factory	SEAGATE TECHNOLOGY INTERNATIONAL (WUXI) CO.LTD NO. 2 KING CHUANG ER LU, ZONE B, EXPORT PROCESSING ZONE WUXI-SINGAPORE INDUSTRIAL PARK WUXI JIANGSU 214000 CHINA
Notes (Other notes than the Safety, Health and Environment)	<input checked="" type="checkbox"/> Additional information on page 2
Rating and optional characteristics	5 Vdc/ 1.1 A, 12 Vdc/0.5A (ratings are optional, no direct connection to mains)
Trademark of ENEC	Seagate 
Type of Customer's Testing Facility (CTF) stage used	CTF Stage 2
Model / Type Ref.	STL013
Additional information (if necessary may also be reported on page 2)	Additionally evaluated to EN 60950-1:2006 / A1:2009 / A1:2010 / A12:2011 / A2:2013: National Differences specified in the CB Test Report. <input type="checkbox"/> Additional information on page 2
A sample of the product was tested and found to be in conformity with	IEC 60950-1:2005/AMD1:2006 IEC 60950-1:2005/AMD2:2013 IEC 60950-1:2005
As shown in the Test Report Ref. No. which forms part of this Certificate	E106614-ADD-CB-1 issued on 2019-05-02

This CB Test Certificate is issued by the National Certification Body



U.S.A.: 501 Michigan Ave S.W., Atlanta, GA  
 U.K.: 100, Brookings Way, London, E16 2RH, Essex, UK  
 U.S.P.: Marunouchi Trust Tower Main Building 5F, 1-9-3 Marunouchi, Chiyoda-ku, Tokyo 100-8005, JAPAN  
 U.S.C.A.: 7 Underhill Road, Toronto, ON M2N 6L9, Canada, CANADA

For full text of the terms and conditions visit [www.iec.ch](http://www.iec.ch)

Date: 2019-05-02

Signature:

Jolanta M. Wroblewska



Ref. Certif. No.

US-33622-UL

**Factories:**

SEAGATE TECHNOLOGY LLC C/O AUDIO VIDEO COLOR CORP  
17707 S SANTA FE AVE EAST RANCHO DOMINGUEZ CA 90331-6419  
USA

GREYSTONE DATA SYSTEMS VIETNAM CO. LTD LOT 82A, B ROAD, LINH TRUNG EXPORT PROCESSING  
ZONE B, BINH CHIEU WARD, THU DUC DISTRICT HO CHI MINH CITY  
VIETNAM

SEAGATE TECHNOLOGY (THAILAND) LTD  
80 MOO 15 A SUNGHEON, T SUNGHEON NAKHON RATCHASIMA 30170  
THAILAND

TELEPLAN TECHNOLOGY SERVICES SDN BHD  
2550 TINGKAT PERUSAHAAN 4B ZON PERDAGANGAN BEBAS DUA 13600 PULAU PERAI PENANG  
MALAYSIA

SEAGATE TECHNOLOGY L L C  
326 DISC DR LONGMONT CO 80503-8264  
USA

**Additional information (if necessary)**



- US 336 333 Phoenix Rd 80003 Golden, USA
- Thailand Rongkumrit St. Ch. 270 Salween 570000
- JPN Maruyama 7-1-1 Tamae Bldg. Bldg. 8F, 1-8-1 Maruyama, Chiyoda-ku, Tokyo 100-0005, JAPAN
- CAN 7777 Lakeshore Blvd. Toronto, M3J 1M1 Ontario, CANADA

For full local requirements see www.ul.com/countries

Date: 2019-05-03

Signature:

Jolanta M. Wroblewska

ZERTIFIKAT • CERTIFICATE • 認證證書 • CERTIFICADO • CERTIFICAT



# CERTIFICATE

No. B 091950 0063 Rev. 00

**Holder of Certificate:** Seagate Technology LLC  
360 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.:** 082-72144194-100

**Valid until:** 2020-12-20

**Date:** 2019-05-23

(William P. Weller)







## 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

EN 55034:2012

EN 61000-3-3:2014

EN 61000-3-3:2014

Electromagnetic compatibility of multimedia equipment - Division requirements, Class B  
Information Technology Equipment - Immunity characteristics - Limits and methods of measurement

Limits for harmonic current emissions (equipment input current  $\leq 16$  A per phase)

Limitation of Voltage Changes, Voltage Fluctuations and Flicker in Low-Voltage

Supply Systems for Equipment with Rated Current  $\leq 16$  Amperes 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 (A1:2009/A1:2010/A11:2011/A12:2013) 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:

1. 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
2. EN 50581:2012
3. Management Methods for Controlling Pollution by Electronic Information Products, Ministry of Information Industry Order No. 39 (China RoHS)
4. 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)
5. Joint JEDEC/ECA Standard, Definition of "Low-Halogen" for Electronic Products, JS709B

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

Exemption Description
6a. Lead as an alloying element in steel containing up to 0.35% lead by weight
6b. Lead as an alloying element in aluminium 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 95% by weight or more lead)
7c)(1) Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors (e.g. piezoelectric devices) or in a glass or ceramic matrix compound

<b>Year to Begin Affixing Mark:</b>	2019
<b>Manufacturer's Name:</b>	Seagate Technology, LLC
<b>Manufacturer's Address:</b> (And Importer)	10200 South De Anza Blvd. Cupertino, California 95014-3029 U.S.A.
<b>European Contact:</b>	Director of Operations Seagate Technology (Netherlands) B.V. Taptoevlaan 105, 1119 PA Schiphol-Rijk, The Netherlands.
<b>Type of Equipment:</b>	Hard Disc Drive
<b>Internal Product Name:</b>	Harrier, SAS
<b>Regulatory Model Number:</b>	ST10013

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.

Date: 5-21-2012

Signature: \_\_\_\_\_

Doc. Signed by:  
*Matthew C. Brown*  
\_\_\_\_\_  
7810223314240000

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 its 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**

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**Model: STL013**

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

Title	Test Regulation
<b>Australian/New Zealand Standard</b>	<b>AS/NZS CISPR 32: 2015</b>

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(Name of the Authorized Person) **Sam Zavaglia**

(Title of the Authorized Person) **Senior Field Applications Engineer**

(Date of Issue) **29<sup>th</sup> April 2019**

(Signature)

A handwritten signature in blue ink, appearing to read 'S. Zavaglia', is written over a horizontal line.

符合性聲明書  
Declaration of Conformity

報驗義務人代碼 Code of the applicant	編號 Number
D33027	1921050930

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 B 室

Address

電話：+886-2-25142273

Telephone

商品中 ( 英 ) 文名稱：硬式磁碟機 HDD

Commodity Name

商品型式 ( 或型號 ) : (STL013), ST16000NM0001, ST16000NM0011, ST16000NM0021, ST16000NM0031, ST14000NM0001, ST14000NM0011, ST14000NM0021, ST14000NM0031, ST14000NM0041, ST14000NM0051, ST14000NM0061, ST14000NM0071

Commodity Type ( Model )

符合之檢驗標準及版次：CNS 13438:2006.6, CNS 14336-1 (2010.9); Section 5 "Marking of presence"

of CNS 15663:2013.7

Standard(s) and version

試驗報告編號：SEAG0221.2 (EMC), 19D0562 (HDD RoHS), 19D0564 (PCBA RoHS)

Test Report Number

試驗室名稱及代號：Element Materials Technology (EMC)

Testing laboratory name and designation number

SL2-IN-E-1152R

符合性聲明檢驗標識及識別號碼：

The form of the DoC marking appears like this



D33027

RoHS

或

or



D33027

RoHS

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

Applicant:



( 簽章 )

The Board Chairman of Seagate Technology Taiwan/Lai Chun Cheong

Obligatory Applicant

( Signature )

中華民國 108 年 5 月 21 日

DATE

( year )

( month )

( day )

## 방송통신기자재등의 적합등록 필증

Registration of Broadcasting and Communication Equipments

상호 또는 성명 Trade Name or Register	SEAGATE TECHNOLOGY LLC
기자재명칭(제품명칭) Equipment Name	Hard Disc Drive
기본모델명 Base Model Number	STL013
과제모델명 Serial Model Number	ST14000NM0011, ST14000NM0071, ST14000NM0051, ST14000NM0051, ST14000NM0011, ST14000NM0061, ST14000NM0041, ST14000NM0021, ST14000NM0001, ST14000NM0021, ST14000NM0001, ST14000NM0031
등록번호 Registration No.	R-E-STX-STL013
제조자/제조(조립)국가 Manufacturer/Country of Origin	SEAGATE TECHNOLOGY LLC / 태국, 중국
등록연월일 Date of Registration	2019-04-26
기타 Other	
<p>위 기자재는 「전자법」 제58조의2 제3항에 따라 등록되었음을 증명합니다. It is verified that foregoing equipment has been registered under the Class 3, Article 58-2 of Radio Waves Act.</p> <p style="text-align: right;">2019년(Year) 04월(Month) 26일(Day)</p> <p style="text-align: center;">국립전파연구원장 </p> <p style="text-align: center;">Director General of National Radio Research Agency</p> <p style="text-align: center; color: red; font-size: small;">※ 직할등록 방송통신기자재는 반드시 "복합성평가표지"를 부착하여 사용하여야 합니다. 위반시 과태료 처분 및 등록이 취소될 수 있습니다.</p>	