



SEAGATE

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**Reg Model: STL007**  
(MobulaBP, SAS)  
***Regulatory  
Assurance Certification***

*November 20, 2019*  
*Rev A*

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**Author: Regulatory Assurance**

# CERTIFICATE OF COMPLIANCE

Certificate Number 20171128-E106814  
Report Reference E106814-A47-UL  
Issue Date 2017-NOVEMBER-28

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 ; COMPONENT - AUDIO/VIDEO, INFORMATION AND COMMUNICATION TECHNOLOGY EQUIPMENT  
Hard Disk Drive - STL007

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

Standard(s) for Safety: UL 60950-1 and 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](http://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: , 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.



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 <http://ul.com/aboutul/locations/>





Ref. Certif. No.

US-30882-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  
389 DISC DR  
LONGMONT CO 80503-9364  
UNITED STATES

Name and address of the manufacturer

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

Name and address of the factory

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

Note: When more than one factory, please report on page 2

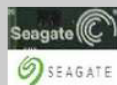
Additional Information on page 2

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.

STL007

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

Additional Information on page 2

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

IEC 60950-1(ed.2), IEC 60950-1(ed.2);am1,  
IEC 60950-1(ed.2);am2

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

E106814-A47-CB-1 issued on 2017-11-21

This CB Test Certificate is issued by the National Certification Body



- UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- UL (Demko), Borupvang 5A 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 3B4 Ontario, CANADA

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

Date: 2017-11-28

Signature:

Jolanta M. Wroblewska



Ref. Certif. No.

**US-30882-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 (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 PENANG  
MALAYSIA

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

Additional Information:

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 (if necessary)**



- UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- UL (Demko), Borupvang 5A 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 3B4 Ontario, CANADA

For full legal entity names see [www.ul.com/ncbnames](http://www.ul.com/ncbnames)

Date: 2017-11-28

Signature:

Jolanta M. Wroblewska



# CERTIFICATE

No. B 17 11 91950 055

**Holder of Certificate:** Seagate Technology LLC

389 Disc Drive  
Longmont CO 80503  
USA

**Production Facility(ies):** 91950, 64076, 61810

**Certification Mark:**



**Product:** Disk drives

**Model(s):** STL007

**Parameters:**

Rated Input Voltage:	+5Vdc / +12Vdc
Rated Frequency:	dc
Rated Input Current:	0.90 A / 0.72 A
Protection Class:	III
Degree of Protection:	IPX0

**Tested according to:** EN 62368-1:2014

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.:** 092-72132138-000

**Valid until:** 2022-11-09

**Date,** 2017-11-15

Page 1 of 2

*Wolfgang P. Weller*





**Attachment 1**  
**Bauart Certificate: B 17 11 91950 055**

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

File No. : 092-72132136-000  
Standard(s) : EN 62368-1:2014  
Type of Component/Equipment : Disc Drive (Information Technology Equipment)

**Regulatory Model Number (RMN) STL007 Hard Disk Drive:**

Configuration tested:  
12 TeraByte, Serial-Attached-SCSI Interface (SAS), 256 MB cache buffer, 8 discs/16 heads, 512E format

Note: Any variations in capacity, cache size, format size, NAND or no NAND and security options can be incorporated to create various model configurations. All configurations will fall under RMN STL007.

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 drive is installed in the end use product.
3. 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 possibly exceeded during testing.
4. Locked rotor tests of the spindle motor were conducted in accordance with Annex B.4.3, EN 62368-1.



## 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:

<u>EN 55032:2012</u>	Electromagnetic compatibility of multimedia equipment - Emission requirements, Class B Information Technology Equipment – Immunity characteristics – Limits and methods of measurement
<u>EN 55024:2010</u>	
<u>EN 61000-3-2:2014</u>	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 $\leq 16$ Amps per Phase
<u>EN 61000-3-3:2013</u>	

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

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

### Product Environmental Compliance

The product(s) meets the requirements of the RoHS “Recast” Directive 2011/65/EU (RoHS 2) as amended by Directive (EU) 2015/863 and by application of the following standards:

<u>EN 50581:2012</u>	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances.
<u>IEC 62321:2015</u>	Determination of certain substances in electrotechnical products. Polybrominated biphenyls and polybrominated diphenyl ethers in polymers by gas chromatography-mass spectrometry (GC-MS).

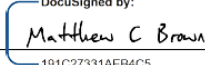
Seagate products rely on the following RoHS 2 exemptions for compliance:

Exemption Description
(Exemptions are listed per Annex released September 24, 2010)
6a. Lead as an alloying element in steel containing up to 0.35% lead by weight
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

<b>Year to Begin Affixing Mark:</b>	2017
<b>Manufacturer's Name:</b>	Seagate Technology, LLC
<b>Manufacturer's Address: (And Importer)</b>	10200 South De Anza Blvd. Cupertino, California 95014-3029 U.S.A.
<b>European Contact:</b>	Director of Operations Seagate Singapore Int'l HQ Pte. Ltd Koolhovenlaan 1 1119 NB Schiphol - Rijk The Netherlands
<b>Type of Equipment:</b>	Hard Disc Drive
<b>Internal Product Name:</b>	Mobula BP, SAS
<b>Regulatory Model Number:</b>	STL007

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: 12-15-2017

Signature:   
191C27331AEB4C5...

**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 Disk Data Storage Drive**

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**Model: STL007**

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

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

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(Name of the Authorized Person) Sam Zavaglia

(Title of the Authorized Person) Senior Field Applications Engineer

(Date of Issue) **10<sup>th</sup> November 2017**

(Signature)

符合性聲明書  
Declaration of Conformity

報驗義務人代碼 Code of the applicant	編號 Number
D33027	1712131316

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：+886-2-25142201

Telephone

商品中(英)文名稱：硬式磁碟機 HDD

Commodity Name

商品型式(或型號)：STL007

Commodity Type (Model)

符合之檢驗標準及版次：CNS 13438 (2006.6), Section 5 "Marking of presence" of CNS 15663 2013.7)

Standard(s) and version

試驗報告編號：SEAG0157 (EMC), 17J0601 (ROHS), 17J0599(RoHS)

Test Report Number

試驗室名稱及代號：Element Materials Technology (EMC), Environmental Monitoring Technology (RoHS)

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: SEAGATE TECHNOLOGY TAIWAN LTD. GERALDINE HOTTIER-FAYON (簽章)

The Board Chairman of Seagate Technology Taiwan/Geraldine Hottier-Fayon

Obligatory Applicant

(Signature)

中華民國 106 年 12 月 13 日  
DATE (year) (month) (day)

# 방송통신기자재등의 적합등록 필증

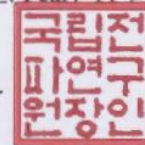
## Registration of Broadcasting and Communication Equipments

상호 또는 성명 <i>Trade Name or Registrant</i>	SEAGATE TECHNOLOGY LLC
기자재명칭(제품명칭) <i>Equipment Name</i>	Hard Disc Drive
기본모델명 <i>Basic Model Number</i>	STL007
파생모델명 <i>Series Model Number</i>	ST14000NM0108, ST3750NM0048, ST16000NM0298, ST16000NM0118, ST10000NM0528, ST13125NM0498, ST10000NM0608, ST15000NM0008, ST16000NM0238, ST10000NM0598, ST12000NM0518, ST14000NM0348, ST3750NM0018, ST14000NM0378, ST14000NM0288, ST12000NM0368, ST12000NM0388, ST12000NM0218, ST12000NM0098, ST14000NM0168, ST14000NM0048, ST16000NM0388, ST16000NM0358, ST16000NM0178, ST16000NM0508, ST10000NM0578, ST14500NM0538, ST13125NM0508, ST14000NM0348, ST12000NM0278, ST12000NM0158, ST14000NM0228
등록번호 <i>Registration No.</i>	MSIP-REM-STX-STL007
제조사/제조(조립)국가 <i>Manufacturer/Country of Origin</i>	SEAGATE TECHNOLOGY LLC / 태국
등록연월일 <i>Date of Registration</i>	2017-11-08
기타 <i>Others</i>	

위 기자재는 「전파법」 제58조의2 제3항에 따라 등록되었음을 증명합니다.  
It is verified that foregoing equipment has been registered under the Clause 3, Article 58-2 of Radio Waves Act.

2017년(Year) 11월(Month) 08일(Date)

국립전파연구원장



Director General of National Radio Research Agency

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