



Regulatory and certification documents package

Regulatory Model Number: [STT001](#)

Series Name(s): [Enterprise Performance 15K HDD v6](#)

Internal Name: [Kestrel](#)

<u>Date</u>	<u>Comments:</u>
6-10-2016	Package generated.
11-2-2018	Added CE CoT
11-2-2018	Updated CE DoC with new RoHS statement
7-25-2019	Added TUV consolidated certificates

Contents:

- Australia/New Zealand - RCM mark SDoC (Supplier Declaration of Conformity)
- Australia/New Zealand - CoT (Certificate of Test)
- Canada ICES - CoT (Certificate of Test)
- CB Certificate
- CE DoC (Declaration of Conformity)
- CE CoT - (Certificate of Test)
- Korea RRL – Certificate
- Korea - CoT (Certificate of Test)
- UL/cUL safety
- TUV safety
- Taiwan BSMI certificate
- Taiwan CoT (Certificate of Test)



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

Model: STT001

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) **3rd June 2016**

(Signature) 

NORTHWEST EMC

Seagate Technology LLC

STT001

Report # SEAG0110



NVLAP Lab Code: 200881-0

This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government of the United States of America. This Report may only be duplicated in its entirety

CERTIFICATE OF TEST

Last Date of Test: May 19, 2016
Seagate Technology LLC
Model: STT001

Emissions Standards

Specification	Method
AS/NZS CISPR 32:2015 Class B	CISPR 32:2015
EN 55032:2012 Class B	CISPR 32:2015
FCC 15.107:2016 Class B	ANSI C63.4:2014
FCC 15.109(g):2016 Class B	ANSI C63.4:2014
FCC 15.109:2016 Class B	ANSI C63.4:2014
ICES-003:2016 Class B	ANSI C63.4:2014
VCCI:2015-04 Class B	VCCI:2015-04
EN 61000-3-2:2014	IEC 61000-3-2:2014
EN 61000-3-3:2013	IEC 61000-3-3:2013

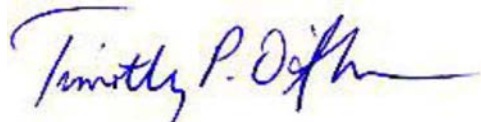
Results

Test Description	Applied	Results	Comments
Radiated Emissions	Yes	Pass	
Radiated Emissions High Frequency	Yes	Pass	
Conducted Emissions	Yes	Pass	
Telecom Conducted Emissions	Yes	Pass	
Harmonic Current Emissions	Yes	Pass	
Voltage Fluctuations and Flicker	Yes	Pass	

Deviations From Test Standards

None

Approved By:



Tim O'Shea, Operations Manager

Product compliance is the responsibility of the client; therefore, the tests and equipment modes of operation represented in this report were agreed upon by the client, prior to testing. The results of this test pertain only to the sample(s) tested. The specific description is noted in each of the individual sections of the test report supporting this certificate of test. This report reflects only those tests from the referenced standards shown in the certificate of test. It does not include inspection or verification of labels, identification, marking or user information.

NORTHWEST EMC

Seagate Technology LLC

STT001

Report # SEAG0110



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Seagate Technology LLC
Model: STT001

Emissions Standards

Specification	Method
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FCC 15.107:2016 Class B	ANSI C63.4:2014
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FCC 15.109:2016 Class B	ANSI C63.4:2014
ICES-003:2016 Class B	ANSI C63.4:2014
VCCI:2015-04 Class B	VCCI:2015-04
EN 61000-3-2:2014	IEC 61000-3-2:2014
EN 61000-3-3:2013	IEC 61000-3-3:2013

Results

Test Description	Applied	Results	Comments
Radiated Emissions	Yes	Pass	
Radiated Emissions High Frequency	Yes	Pass	
Conducted Emissions	Yes	Pass	
Telecom Conducted Emissions	Yes	Pass	
Harmonic Current Emissions	Yes	Pass	
Voltage Fluctuations and Flicker	Yes	Pass	

Deviations From Test Standards

None

Approved By:

Tim O'Shea, Operations Manager

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Ref. Certif. No.

DE 3 - 501924

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

Disk drives

Name and address of the applicant
Nom et adresse du demandeur

Seagate Technology LLC
1280 Disc Drive
Shakopee, MN 55379-1863, USA

Name and address of the manufacturer
Nom et adresse du fabricant

Seagate Technology LLC
1280 Disc Drive, Shakopee, MN 55379-1863, USA

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

Seagate Technology LLC
1280 Disc Drive, Shakopee, MN 55379-1863, USA
For further information please see attachment

Ratings and principal characteristics
Valeurs nominales et caractéristiques principales

Rated Input Voltage: +5Vdc / +12Vdc
Rated Frequency: dc
Rated Input Current: 1.0 A / 0.5 A
Protection Class: III
Degree of Protection: IPX0

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

Seagate Technology LLC

Model/type Ref.
Ref. de type

Regulatory Model STT001 Hard Disk Drive Series:
Reference attachment page for model details
900 GB, SAS interface, 256 MB cache, 4KN Format, 9 GB NAND,
Standard (No security option)

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

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

IEC 60950-1(ed.2);am1;am2
IEC 62368-1(ed.2)

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

092-72116733-000

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

Date, 2016-06-17
CB 16 06 41780 608

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:

<u>EN 55032:2012</u>	Electromagnetic compatibility of multimedia equipment — Emission requirements – class B
<u>EN 55024:2010</u>	Information Technology Equipment – Immunity Characteristics – Limits and Methods of Measurement
<u>EN 61000-3-2:2014</u>	Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)
<u>EN 61000-3-3:2013</u>	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:

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

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)
- 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

Due Diligence

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.

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 procedure.

Year to Begin Affixing Mark: 2016

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

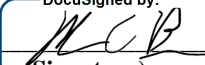
Type of Equipment: Hard Disc Drive
Product Name: (Internal) Enterprise Performance 15K HDD v6 (Kestrel)

Regulatory Model Number: **STT001**

Seagate Models: Enterprise Performance 15K HDD v6 (No Encryption)
ST300MP0006 1UT200-XXX (512n Format)
ST300MP0106 1UW203-XXX (4096n/512E Format)
ST600MP0006 1UU200-XXX (512n Format)
ST600MP0136 1UX203-XXX (4096n/512E Format)
ST900MP0006 1UV200-XXX (512n Format)
ST900MP0146 1UY203-XXX (4096n/512E Format)
Enterprise Performance 15K HDD v6 (SED Base)
ST300MP0016 1UT210-XXX (512n Format)
ST300MP0116 1UW213-XXX (4096n/512E Format)
ST600MP0016 1UU210-XXX (512n Format)
ST600MP0146 1UX213-XXX (4096n/512E Format)
ST900MP0016 1UV210-XXX (512n Format)
ST900MP0156 1UY213-XXX (4096n/512E Format)
Enterprise Performance 15K HDD v6 (SED-FIPS Base)
ST600MP0026 1UU220-XXX (512n Format)
ST600MP0156 1UX223-XXX (4096n/512E Format)
ST900MP0126 1UV220-XXX (512n Format)
ST900MP0166 1UY223-XXX (4096n/512E Format)
Enterprise Performance 15K HDD v6 (ISE)
ST300MP0026 1UT230-XXX (512n Format)
ST300MP0096 1UW233-XXX (4096n/512E Format)
ST600MP0036 1UU230-XXX (512n Format)
ST600MP0126 1UX233-XXX (4096n/512E Format)
ST900MP0026 1UV230-XXX (512n Format)
ST900MP0136 1UY233-XXX (4096n/512E Format)

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: October 25, 2018 | 15:48:54 PDT

DocuSigned by:

(Signature)

Matthew C. Brown
Vice President
Operations and Technology

NORTHWEST EMC

Seagate Technology LLC

STT001

Report # SEAG0110



NVLAP Lab Code: 200881-0

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CERTIFICATE OF TEST

Last Date of Test: May 19, 2016
Seagate Technology LLC
Model: STT001

Emissions Standards

Specification	Method
AS/NZS CISPR 32:2015 Class B	CISPR 32:2015
EN 55032:2012 Class B	CISPR 32:2015
FCC 15.107:2016 Class B	ANSI C63.4:2014
FCC 15.109(g):2016 Class B	ANSI C63.4:2014
FCC 15.109:2016 Class B	ANSI C63.4:2014
ICES-003:2016 Class B	ANSI C63.4:2014
VCCI:2015-04 Class B	VCCI:2015-04
EN 61000-3-2:2014	IEC 61000-3-2:2014
EN 61000-3-3:2013	IEC 61000-3-3:2013

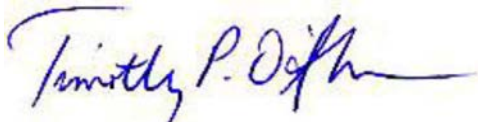
Results

Test Description	Applied	Results	Comments
Radiated Emissions	Yes	Pass	
Radiated Emissions High Frequency	Yes	Pass	
Conducted Emissions	Yes	Pass	
Telecom Conducted Emissions	Yes	Pass	
Harmonic Current Emissions	Yes	Pass	
Voltage Fluctuations and Flicker	Yes	Pass	

Deviations From Test Standards

None

Approved By:



Tim O'Shea, Operations Manager

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CERTIFICATE OF TEST



Last Date of Test: May 19, 2016
Seagate Technology LLC
Model: STT001

Immunity Standards

Specification	Method
EN 55024:2010	IEC 61000-4-2:2008
	IEC 61000-4-3:2010
	IEC 61000-4-4:2012
	IEC 61000-4-5:2014
	IEC 61000-4-6:2013
	IEC 61000-4-8:2009
	IEC 61000-4-11:2004

Results

Test Description	Performance Criteria			Comments
	Applied	Standard Specified	Observed Criteria	
Electrostatic Discharge (ESD)	Yes	B	A	
Radiated Immunity	Yes	A	A	
Electrical Fast Transients and Bursts (EFT)	Yes	B	B	
Surge	Yes	B	A	
Conducted Immunity	Yes	A	A	
Magnetic Field Immunity	Yes	A	A	
Voltage Interruptions	Yes	C	C	
Voltage Dips	Yes	B/C	C	

Details on the application of the performance criteria, as well as any manufacturer provided performance criteria or acceptable degradation of performance, are all contained within the report.

Deviations From Test Standards

None

Approved By:

Tim O'Shea, Operations Manager

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방송통신기자재등의 적합등록 필증

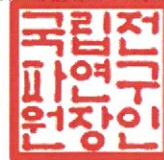
Registration of Broadcasting and Communication Equipments

상호 또는 성명 Trade Name or Registrant	SEAGATE TECHNOLOGY LLC
기자재 명칭 Equipment Name	Hard Disc Drive
기본모델명 Basic Model Number	STT001
파생모델명 Series Model Number	ST900MP0026, ST300MP0006, ST600MP0006, ST900MP0006, ST300MP0016, ST600MP0016, ST900MP0016, ST600MP0026, ST900MP0126, ST300MP0106, ST600MP0136, ST900MP0146, ST300MP0116, ST600MP0146, ST900MP0156, ST600MP0156, ST900MP0166, ST300MP0096, ST600MP0126, ST900MP0136, ST300MP0026, ST600MP0036
등록번호 Registration No.	MSIP-REM-STX-STT001
제조사/제조(조립)국가 Manufacturer/Country of Origin	SEAGATE TECHNOLOGY LLC / 태국, 중국
등록연월일 Date of Registration	2016-06-01
기타 Others	

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.

2016년(Year) 11월(Month) 11일(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.

변경신고 처리결과 통보서

전자민원신청번호		201617100000226642	접수일자	2016-11-11
대상기기	상호 또는 성명	SEAGATE TECHNOLOGY LLC	적합성평가 분야	적합등록
	기자재 명칭	Hard Disc Drive	기본모델명	STT001
	적합성평가 번호	MSIP-REM-STX-STT001	적합성평가 연 월 일	2016-11-11
변경 사항		변경 전		변경 후
모델명				ST300MP0006,ST600MP0006,ST900MP0006,ST300MP0016,ST600MP0016,ST900MP0016,ST600MP0026,ST900MP0126,ST300MP0106,ST600MP0136,ST900MP0146,ST300MP0116,ST600MP0146,ST900MP0156,ST600MP0156,ST900MP0166,ST300MP0096,ST600MP0126,ST900MP0136,ST300MP0026,ST600MP0036,ST900MP0026
<p>「방송통신기자재등의 적합성평가에 관한 고시」 제16조에 따른 적합성평가 사항의 변경신고 건에 대하여 위와 같이 변경처리 되었음을 알려드립니다.</p> <p>2016년(Year) 11월(Month) 11일(Date)</p> <p style="text-align: center;">국립전파연구원장 </p>				

국립전파연구원장







Report No. SEAG0110.1

NRRA Notice No. 2015-110 (2015.12.03) Test Method for Electromagnetic Compatibility

Applicant Information	Applicant:	Seagate Technology LLC	
	Address:	1280 Disc Drive Shakopee, MN 55379	
	Contact Name:	Curt Propson	
Product Information	Equipment Name:	Hard Disc Drive	
	Model Name:	STT001	
	KCC ID Number	MSIP-REM-STX-STT001	
	Manufacturer:	Seagate Technology LLC	
	Manufacturer Address:	1280 Disc Drive Shakopee, MN 55379	
	Origin Country:	Thailand	
Date(s) of testing		5/12/2016, 5/13/2016, 5/16/2016, 5/19/2016	
Equipment Class		<input type="checkbox"/> Class A	<input checked="" type="checkbox"/> Class B
Test Results		<input checked="" type="checkbox"/> PASS	<input type="checkbox"/> FAIL

Lab Performing the Tests	Northwest EMC, Inc. Minnesota Lab 22975 NW Evergreen Parkway, Suite 400 Hillsboro, OR 97124 USA 503-844-4066 888-364-2378
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Test Technician Marcelo Aguayo, Mike Sutherland and Cole Ghizzone	Manager Tim O'Shea

CERTIFICATE OF TEST



Last Date of Test: May 19, 2016
Seagate Technology LLC
Model: STT001

Emissions

Standards

Specification	Method
KN32 Class B	KN32
Technical Requirements for Electromagnetic Compatibility: NRRRA Notice 2015-27 (2015.12.03)	
Test Methods for Electromagnetic Compatibility: NRRRA Notice 2015-110 (2015.12.03)	
Notice regarding Conformity Evaluation of Broadcasting and Communication Equipment: NRRRA Notice 2015-26 (2015.11.30)	

Results

Test Description	Applied	Results	Comments
Radiated Emissions	Yes	Pass	
Radiated Emissions High Frequency	Yes	Pass	
Conducted Emissions	Yes	Pass	
Telecom Conducted Emissions	Yes	Pass	

Deviations From Test Standards

None

Approved By:

Tim O'Shea, Operations Manager

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CERTIFICATE OF TEST

Last Date of Test: May 19, 2016
Seagate Technology LLC
Model: STT001

Immunity

Standards

Specification	Method
KN 35	KN 61000-4-2 KN 61000-4-3 KN 61000-4-4 KN 61000-4-5 KN 61000-4-6 KN 61000-4-8 KN 61000-4-11

Technical Requirements for Electromagnetic Compatibility: NRRA Notice 2015-27 (2015.12.03)
Test Methods for Electromagnetic Compatibility: NRRA Notice 2015-110 (2015.12.03)
Notice regarding Conformity Evaluation of Broadcasting and Communication Equipment: NRRA Notice 2015-26 (2015.11.30)

Results

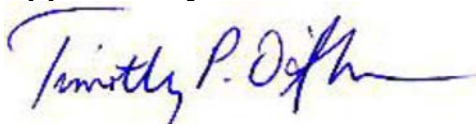
Test Description	Performance Criteria			Comments
	Applied	Standard Specified	Observed Criteria	
Electrostatic Discharge (ESD)	Yes	B	A	
Radiated Immunity	Yes	A	A	
Electrical Fast Transients and Bursts (EFT)	Yes	B	B	
Surge	Yes	B	A	
Conducted Immunity	Yes	A	A	
Magnetic Field Immunity	Yes	A	A	
Voltage Interruptions	Yes	C	C	
Voltage Dips	Yes	B/C	C	

Details on the application of the performance criteria, as well as any manufacturer provided performance criteria or acceptable degradation of performance, are all contained within the report.

Deviations From Test Standards

None

Approved By:



Tim O'Shea, Operations Manager

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CERTIFICATE OF COMPLIANCE

Certificate Number 20180418- E145123
Report Reference E145123-A42-UL
Issue Date 2018-APRIL-18

Issued to: SEAGATE TECHNOLOGY L L C
1280 DISC DR
SHAKOPEE MN 55379-1863


**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 Drive-STT001

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

Standard(s) for Safety: See Addendum Page
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:
, 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/>



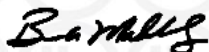
CERTIFICATE OF COMPLIANCE

Certificate Number 20180418- E145123
Report Reference E145123-A42-UL
Issue Date 2018-APRIL-18

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 and CAN/CSA C22.2 No. 60950-1-07 - Information Technology Equipment - Safety - Part 1: General Requirements,
UL 62368-1 and CSA-C22.2 No. 62368-1 - Audio/Video, Information and Communication Technology Equipment - Part 1: Safety Requirements



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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Product Service

CERTIFICATE

No. B 091950 0063 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.: 092-72144194-100

Valid until: 2020-12-20

Date, 2019-05-23

(William P. Weller)



Product Service

CERTIFICATE

No. B 091950 0063 Rev. 00

Model(s):

Regulatory Models: STT002, Cheetah 15K.7, Constellation.2, STT003, STT001, STR00F, Enterprise Performance 15K HDD v5, Enterprise Performance 15K HDD v4, Enterprise Performance 10K HDD v7, Enterprise Turbo SSHD, STR00A, Savvio 10K.6, Savvio 15K.3, Enterprise Performance 15K HDD v5 (Hybrid), Enterprise Performance 10K HDD v8 (Hybrid), Enterprise Capacity 2.5 HDD v3, Enterprise Performance 10K HDD v8, STR001, STR002, STR00D, ST, ST3 (3.5" Series), ST9 (2.5" Series), STR009, STR007, STR008, STL013

Parameters:

Rated Input Voltage:	+5Vdc / +12Vdc
Rated Frequency:	dc
Rated Input Current:	
STT002:	0.6 A / 0.35 A
Cheetah 15K.7 -FC:	1.0 A / 1.0 A
Cheetah 15K.7 -SS:	0.9 A / 1.0 A
Cheetah 15K.7 -FCV:	1.3 A
Constellation.2 -SS:	1.1 A / 0.2 A
Constellation.2 -NS:	0.8 A / 0.2 A
STT003:	0.7 A / 0.55 A
STT001:	1.0 A / 0.50 A
STR00F:	0.90 A / 0.90 A
Enterprise Performance 15K HDD v5 Series:	0.80 A / 0.50 A
Enterprise Performance 15K HDD v4 Series:	0.65A / 0.50A
STR00A:	0.80A / 0.50A
Savvio 10K.6 series	0.7A / 0.3A
Savvio 15K.3 series -SS:	1.1A / 0.3A
Enterprise Performance 15K HDD v5 (Hybrid):	0.80A / 0.50A
Enterprise Performance 10K HDD v8 (Hybrid):	0.80A / 0.50A
(SAS) Enterprise Capacity 2.5 HDD v3 Series:	0.60A / 0.30A
(SATA) Enterprise Capacity 2.5 HDD v3 Series:	0.50A / 0.30A
(Enterprise Performance 10K HDD v8 Series):	0.80A / 0.50A
STR001:	5Vdc, 0.85A; 12Vdc, 0.99A
STR002:	5Vdc, 0.75A; 12Vdc, 0.99A
STR00D:	0.77A / 0.59A
ST, ST3 (3.5 Series):	5Vdc/12Vdc, 1.5A max/1.5A max (Drives to be labeled with actual current)
ST9 (2.5 Series):	5Vdc, 1.5A max (Drives to be labeled with actual current)
STR009:	0.75A / 0.75A
STR007:	0.85A / 0.99A
STR008:	0.75A / 0.99A
STL013:	1.10A / 0.5A

Protection Class: III

Degree of Protection: IPX0



Product Service

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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. Proper air flow should be considered in the end use product to limit maximum case temperature to 60°C. Testing was conducted with a 40 CFM fan.

Regulatory Model Number (RMN) STT002: *600 GB, SAS interface, 128 MB cache, 512N Format, Standard (No security option)

* Indicates configuration tested.

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 STT002.

Cheetah 15K.7 Family Model Variations:

Model #	Capacity/GB	Interface	Disc / Heads	Cache (MB)	Part Number	SED Enabled	FIPS Label Affixed	Board Type
ST3600057FC	600	FC	4 / 8	16	9FN004-xxx	No	No	AAMA-2
ST3600057SS	600	SAS	4 / 8	16	9FN066-xxx	No	No	BAMA-2
ST3600057FCV	600	FC	4 / 8	16	9FN007-xxx	No	No	CAMA-2
ST3600957FC	600	FC	4 / 8	16	9PX004-xxx	Yes	No	AAMA-2
ST3600957SS	600	SAS	4 / 8	16	9PX066-xxx	Yes	No	BAMA-2
ST3600857FC	600	FC	4 / 8	16	9XJ004-xxx	Yes	Yes	AAMA-2
ST3600857SS	600	SAS	4 / 8	16	9XJ066-xxx	Yes	Yes	BAMA-2
ST3450857FC	450	FC	3 / 6	16	9FM004-xxx	No	No	AAMA-2
ST3450857SS	450	SAS	3 / 6	16	9FM066-xxx	No	No	BAMA-2
ST3450857FCV	450	FC	3 / 6	16	9FM007-xxx	No	No	CAMA-2
ST3450757FC	450	FC	3 / 6	16	9PVW004-xxx	Yes	No	AAMA-2
ST3450757SS	450	SAS	3 / 6	16	9PVW066-xxx	Yes	No	BAMA-2
ST3450657FC	450	FC	3 / 6	16	9XH004-xxx	Yes	Yes	AAMA-2
ST3450657SS	450	SAS	3 / 6	16	9XH066-xxx	Yes	Yes	BAMA-2
ST3300657FC	300	FC	2 / 4	16	9FL004-xxx	No	No	AAMA-2
ST3300657SS	300	SAS	2 / 4	16	9FL066-xxx	No	No	BAMA-2
ST3300657FCV	300	FC	2 / 4	16	9FL007-xxx	No	No	CAMA-2
ST3300557FC	300	FC	2 / 4	16	9PV004-xxx	Yes	No	AAMA-2
ST3300557SS	300	SAS	2 / 4	16	9PV066-xxx	Yes	No	BAMA-2
ST3300457FC	300	FC	2 / 4	16	9XG004-xxx	Yes	Yes	AAMA-2
ST3300457SS	300	SAS	2 / 4	16	9XG066-xxx	Yes	Yes	BAMA-2

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Constellation.2 model family variations:

Model #	Capacity/GB	Interface	Disc / Heads	Cache (MB)	Part Number	SED Enabled	Board Type	FIPS Label affixed .
ST91000640SS	1000	SAS	4 / 8	64	9RZ268-xxx	No	JNAJ-x	No
ST91000640NS	1000	SATA	4 / 8	64	9RZ168-xxx	No	KNAJ-x	No
ST91000641SS	1000	SAS	4 / 8	64	9TR268-xxx	Yes	JNAJ-x	No
ST91000641NS	1000	SATA	4 / 8	64	9TR168-xxx	Yes	KNAJ-x	No
ST91000642SS	1000	SAS	4 / 8	64	9XU268-xxx	Yes	JNAJ-x	Yes
ST91000642NS	1000	SATA	4 / 8	64	9XU168-xxx	Yes	KNAJ-x	Yes
ST9500620SS	500	SAS	2 / 4	64	9RZ264-xxx	No	JNAJ-x	No
ST9500620NS	500	SATA	2 / 4	64	9RZ164-xxx	No	KNAJ-x	No
ST9500621SS	500	SAS	2 / 4	64	9TR264-xxx	Yes	JNAJ-x	No
ST9500621NS	500	SATA	2 / 4	64	9TR164-xxx	Yes	KNAJ-x	No
ST9500622SS	500	SAS	2 / 4	64	9XU264-xxx	Yes	JNAJ-x	Yes
ST9500622NS	500	SATA	2 / 4	64	9XU164-xxx	Yes	KNAJ-x	Yes
ST9250610NS	250	SATA	1 / 2	64	9RZ162-xxx	No	KNAJ-x	No
ST9250611NS	250	SATA	1 / 2	64	9TR162-xxx	Yes	KNAJ-x	Yes
ST9250612NS	250	SATA	1 / 2	64	9XU162-xxx	Yes	KNAJ-x	Yes

Definition: FIPS = Federal Information Processing System

Regulatory Model Number: STT003:

** Indicates configuration tested.

	8 heads/4 disc
	2400 GB, SAS interface, 256 MB cache, 512n Format, NAND Flash, Standard
	2400 GB, SAS interface, 256 MB cache, 512n Format, NAND Flash, SED
	2400 GB, SAS interface, 256 MB cache, 512n Format, NAND Flash, ISE
	2400 GB, SAS interface, 256 MB cache, 512n Format, NAND Flash, SEDw/FIPS
**	2400 GB, SAS interface, 256 MB cache, 5xxE Format, NAND Flash, Standard
	2400 GB, SAS interface, 256 MB cache, 5xxE Format, NAND Flash, SED
	2400 GB, SAS interface, 256 MB cache, 5xxE Format, NAND Flash, ISE
	2400 GB, SAS interface, 256 MB cache, 5xxE Format, NAND Flash, SEDw/FIPS
	2400 GB, SAS interface, 256 MB cache, 4Kn Format, NAND Flash, Standard
	2400 GB, SAS interface, 256 MB cache, 4Kn Format, NAND Flash, SED
	2400 GB, SAS interface, 256 MB cache, 4Kn Format, NAND Flash, ISE
	2400 GB, SAS interface, 256 MB cache, 4Kn Format, NAND Flash, SEDw/FIPS

William P. Weller

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Regulatory Model Number: STT003:

** Indicates configuration tested.]

6 heads/3 disc
1800 GB, SAS interface, 256 MB cache, 512n Format, NAND Flash, Standard
1800 GB, SAS interface, 256 MB cache, 512n Format, NAND Flash, SED
1800 GB, SAS interface, 256 MB cache, 512n Format, NAND Flash, ISE
1800 GB, SAS interface, 256 MB cache, 512n Format, NAND Flash, SEDw/FIPS
1800 GB, SAS interface, 256 MB cache, 5xxE Format, NAND Flash, Standard
1800 GB, SAS interface, 256 MB cache, 5xxE Format, NAND Flash, SED
1800 GB, SAS interface, 256 MB cache, 5xxE Format, NAND Flash, ISE
1800 GB, SAS interface, 256 MB cache, 5xxE Format, NAND Flash, SEDw/FIPS
1800 GB, SAS interface, 256 MB cache, 4Kn Format, NAND Flash, Standard
1800 GB, SAS interface, 256 MB cache, 4Kn Format, NAND Flash, SED
1800 GB, SAS interface, 256 MB cache, 4Kn Format, NAND Flash, ISE
1800 GB, SAS interface, 256 MB cache, 4Kn Format, NAND Flash, SEDw/FIPS

4 heads/2 disc
1200 GB, SAS interface, 256 MB cache, 512n Format, NAND Flash, Standard
1200 GB, SAS interface, 256 MB cache, 512n Format, NAND Flash, SED
1200 GB, SAS interface, 256 MB cache, 512n Format, NAND Flash, ISE
1200 GB, SAS interface, 256 MB cache, 512n Format, NAND Flash, SEDw/FIPS
1200 GB, SAS interface, 256 MB cache, 5xxE Format, NAND Flash, Standard
1200 GB, SAS interface, 256 MB cache, 5xxE Format, NAND Flash, SED
1200 GB, SAS interface, 256 MB cache, 5xxE Format, NAND Flash, ISE
1200 GB, SAS interface, 256 MB cache, 5xxE Format, NAND Flash, SEDw/FIPS
1200 GB, SAS interface, 256 MB cache, 4Kn Format, NAND Flash, Standard
1200 GB, SAS interface, 256 MB cache, 4Kn Format, NAND Flash, SED
1200 GB, SAS interface, 256 MB cache, 4Kn Format, NAND Flash, ISE
1200 GB, SAS interface, 256 MB cache, 4Kn Format, NAND Flash, SEDw/FIPS
900 GB, SAS interface, 256 MB cache, 512n Format, NAND Flash, Standard
900 GB, SAS interface, 256 MB cache, 512n Format, NAND Flash, SED
900 GB, SAS interface, 256 MB cache, 512n Format, NAND Flash, ISE
900 GB, SAS interface, 256 MB cache, 5xxE Format, NAND Flash, Standard
900 GB, SAS interface, 256 MB cache, 5xxE Format, NAND Flash, SED
900 GB, SAS interface, 256 MB cache, 5xxE Format, NAND Flash, ISE
900 GB, SAS interface, 256 MB cache, 4Kn Format, NAND Flash, Standard
900 GB, SAS interface, 256 MB cache, 4Kn Format, NAND Flash, SED
900 GB, SAS interface, 256 MB cache, 4Kn Format, NAND Flash, ISE

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Regulatory Model Number: STT003:

** Indicates configuration tested.

	2 heads/1 disc
	600 GB, SAS interface, 256 MB cache, 512n Format, NAND Flash, Standard
	600 GB, SAS interface, 256 MB cache, 512n Format, NAND Flash, SED
	600 GB, SAS interface, 256 MB cache, 512n Format, NAND Flash, ISE
	600 GB, SAS interface, 256 MB cache, 5xxE Format, NAND Flash, Standard
	600 GB, SAS interface, 256 MB cache, 5xxE Format, NAND Flash, SED
	600 GB, SAS interface, 256 MB cache, 5xxE Format, NAND Flash, ISE
	600 GB, SAS interface, 256 MB cache, 4Kn Format, NAND Flash, Standard
	600 GB, SAS interface, 256 MB cache, 4Kn Format, NAND Flash, SED
	600 GB, SAS interface, 256 MB cache, 4Kn Format, NAND Flash, ISE

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 STA003.
Regulatory Model Number (RMN) STT001: *900 GB, SAS interface, 256 MB cache, 4KN Format, 9 GB NAND, Standard (No security option)

* Indicates configuration tested.

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 STT001.

Regulatory Model STR00F Hard Disk Drive series:

Regulatory Model #	Capacity/GB	Interface	Disc / Heads	Cache (MB)	SED	Part Number	Board Type	Format Size
STR00F	4000	SAS	5/10	256	No	ST4000MN0001	TSAJ	512E
STR00F	4000	SAS	5/10	256	Y/N	ST4000MNxxxx; x=0-9	TSAJ	4Kn/512n/5xxE
Note: Model tested in bold. All other models added by similarity. Model differences from standard configuration are SED enabled and/or Format size								
Definitions: SED= Self Encrypted Disc								



Product Service

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Enterprise Performance 15K HDD v5 model family variations:

Model #	Capacity/GB	Interface	Format	Disc / Heads	Cache (MB)	Part Number	SED Enabled	Board Type	FIPS Label affixed	ISE Enabled
ST600MP0065	600	SAS	4Kn	3 / 6	128	1MJ202-XXX	No	TRAJ-0	No	No
ST600MP0075	600	SAS	4Kn	3 / 6	128	1MJ212-XXX	Yes	TRAJ-0	No	No
ST600MP0085	600	SAS	4Kn	3 / 6	128	1MJ222-XXX	Yes	TRAJ-0	Yes	No
ST450MP0065	450	SAS	4Kn	3 / 6	128	1MH202-XXX	No	TRAJ-0	No	No
ST450MP0075	450	SAS	4Kn	3 / 6	128	1MH212-XXX	Yes	TRAJ-0	No	No
ST600MP0035	600	SAS	5xxE	3 / 6	128	1MJ201-XXX	No	TRAJ-0	No	No
ST600MP0045	600	SAS	5xxE	3 / 6	128	1MJ211-XXX	Yes	TRAJ-0	No	No
ST600MP0055	600	SAS	5xxE	3 / 6	128	1MJ221-XXX	Yes	TRAJ-0	Yes	No
ST450MP0035	450	SAS	5xxE	3 / 6	128	1MH201-XXX	No	TRAJ-0	No	No
ST450MP0045	450	SAS	5xxE	3 / 6	128	1MH211-XXX	Yes	TRAJ-0	No	No
ST600MP0005	600	SAS	512n	3 / 6	128	1MJ200-XXX	No	TRAJ-0	No	No
ST600MP0015	600	SAS	512n	3 / 6	128	1MJ210-XXX	Yes	TRAJ-0	No	No
ST600MP0025	600	SAS	512n	3 / 6	128	1MJ220-XXX	Yes	TRAJ-0	Yes	No
ST450MP0005	450	SAS	512n	3 / 6	128	1MH200-XXX	No	TRAJ-0	No	No
ST450MP0015	450	SAS	512n	3 / 6	128	1MH210-XXX	Yes	TRAJ-0	No	No
ST300MP0065	300	SAS	4Kn	2 / 4	128	1MG202-XXX	No	TRAJ-0	No	No
ST300MP0075	300	SAS	4Kn	2 / 4	128	1MG212-XXX	Yes	TRAJ-0	No	No
ST300MP0085	300	SAS	4Kn	2 / 4	128	1MG222-XXX	Yes	TRAJ-0	Yes	No
ST300MP0035	300	SAS	5xxE	2 / 4	128	1MG201-XXX	No	TRAJ-0	No	No
ST300MP0045	300	SAS	5xxE	2 / 4	128	1MG211-XXX	Yes	TRAJ-0	No	No
ST300MP0055	300	SAS	5xxE	2 / 4	128	1MG221-XXX	Yes	TRAJ-0	Yes	No
ST300MP0005	300	SAS	5xxE	2 / 4	128	1MG200-XXX	No	TRAJ-0	No	No
ST300MP0015	300	SAS	5xxE	2 / 4	128	1MG210-XXX	Yes	TRAJ-0	No	No
ST300MP0025	300	SAS	512n	2 / 4	128	1MG220-XXX	Yes	TRAJ-0	Yes	No
				Definitions: FIPS = Federal Information Processing System ISE = Instant Secure Erase SED= Self Encrypted Disc						



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Enterprise Performance 15K HDD v4 model family variations:

Model #	Capacity/GB	Interface	Format	Disc / Heads	Cache (MB)	Part Number	SED Enabled	Board Type	FIPS Label affixed	ISE Enabled
ST600MP0064	600	SAS	4Kn	3 / 6	128	1BH202-XXX	No	NQAJ	No	No
ST600MP0074	600	SAS	4Kn	3 / 6	128	1BH212-XXX	Yes	NQAJ	No	No
ST600MP0084	600	SAS	4Kn	3 / 6	128	1BH222-XXX	Yes	NQAJ	Yes	No
ST600MP0104	600	SAS	4Kn	3 / 6	128	1BH232-XXX	Yes	NQAJ	No	Yes
ST450MP0064	450	SAS	4Kn	3 / 6	128	1BG202-XXX	No	NQAJ	No	No
ST450MP0074	450	SAS	4Kn	3 / 6	128	1BG212-XXX	Yes	NQAJ	No	No
ST450MP0084	450	SAS	4Kn	3 / 6	128	1BG222-XXX	Yes	NQAJ	Yes	No
ST450MP0114	450	SAS	4Kn	3 / 6	128	1BG232-XXX	Yes	NQAJ	No	Yes
ST600MP0034	600	SAS	5xxE	3 / 6	128	1BH201-XXX	No	NQAJ	No	No
ST600MP0044	600	SAS	5xxE	3 / 6	128	1BH211-XXX	Yes	NQAJ	No	No
ST600MP0054	600	SAS	5xxE	3 / 6	128	1BH221-XXX	Yes	NQAJ	Yes	No
ST600MP0094	600	SAS	5xxE	3 / 6	128	1BH231-XXX	Yes	NQAJ	No	Yes
ST450MP0034	450	SAS	5xxE	3 / 6	128	1BG201-XXX	No	NQAJ	No	No
ST450MP0044	450	SAS	5xxE	3 / 6	128	1BG211-XXX	Yes	NQAJ	No	No
ST450MP0054	450	SAS	5xxE	3 / 6	128	1BG221-XXX	Yes	NQAJ	Yes	No
ST450MP0104	450	SAS	5xxE	3 / 6	128	1BG231-XXX	Yes	NQAJ	No	Yes
ST450MP0004	450	SAS	512n	3 / 6	128	1BG200-XXX	No	NQAJ	No	No
ST450MP0014	450	SAS	512n	3 / 6	128	1BG210-XXX	Yes	NQAJ	No	No
ST450MP0024	450	SAS	512n	3 / 6	128	1BG220-XXX	Yes	NQAJ	Yes	No
ST450MP0094	450	SAS	512n	3 / 6	128	1BG230-XXX	Yes	NQAJ	No	Yes
ST300MP0064	300	SAS	4Kn	2 / 4	128	1BF202-XXX	No	NQAJ	No	No
ST300MP0074	300	SAS	4Kn	2 / 4	128	1BF212-XXX	Yes	NQAJ	No	No
ST300MP0084	300	SAS	4Kn	2 / 4	128	1BF222-XXX	Yes	NQAJ	Yes	No
ST300MP0114	300	SAS	4Kn	2 / 4	128	1BF232-XXX	Yes	NQAJ	No	Yes
ST300MP0034	300	SAS	5xxE	2 / 4	128	1BF201-XXX	No	NQAJ	No	No
ST300MP0044	300	SAS	5xxE	2 / 4	128	1BF211-XXX	Yes	NQAJ	No	No
ST300MP0054	300	SAS	5xxE	2 / 4	128	1BF221-XXX	Yes	NQAJ	Yes	No
ST300MP0104	300	SAS	5xxE	2 / 4	128	1BF231-XXX	Yes	NQAJ	No	Yes
ST300MP0004	300	SAS	512n	2 / 4	128	1BF200-XXX	No	NQAJ	No	No
ST300MP0014	300	SAS	512n	2 / 4	128	1BF210-XXX	Yes	NQAJ	No	No
ST300MP0024	300	SAS	512n	2 / 4	128	1BF220-XXX	Yes	NQAJ	Yes	No
ST300MP0094	300	SAS	512n	2 / 4	128	1BF230-XXX	Yes	NQAJ	No	Yes
Definitions: FIPS = Federal Information Processing System ISE = Instant Secure Erase SED= Self Encrypted Disc										

Enterprise Performance 10K HDD v7 model family variations:

Model #	Capacity/GB	Interface	Disc / Heads	Cache (MB)	Part Number	SED Enabled	Board Type	FIPS Label affixed	ISE Enabled
ST1200MM0007	1200	SAS	4 / 8	64	IDA200-xxx	No	YQAJ-0	No	No
ST1200MM0017	1200	SAS	4 / 8	64	IDA210-xxx	Yes	YQAJ-0	No	No
ST1200MM0027	1200	SAS	4 / 8	64	IDA220-xxx	Yes	YQAJ-0	Yes	No
ST1200MM0037	1200	SAS	4 / 8	64	IDA230-xxx	No	YQAJ-0	No	Yes
ST900MM0007	900	SAS	4 / 8	64	IEP200-xxx	No	YQAJ-0	No	No
Definitions: FIPS = Federal Information Processing System ISE = Instant Secure Erase SED= Self Encrypted Disc									

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Enterprise Turbo SSHD (with 32GB NAND Flash) model family variations:

Model #	Capacity/GB	Interface	Format	Disc / Heads	Cache (MB)	Part Number	SED Enabled	Board Type	FIPS Label affixed	ISE Enabled
ST600MX0034	600	SAS	4Kn	3 / 6	128	1DD202-XXX	No	NQAJ	No	No
ST600MX0044	600	SAS	4Kn	3 / 6	128	1DD212-XXX	Yes	NQAJ	No	No
ST600MX0054	600	SAS	4Kn	3 / 6	128	1DD222-XXX	Yes	NQAJ	Yes	No
ST600MX0074	600	SAS	4Kn	3 / 6	128	1DD232-XXX	Yes	NQAJ	No	Yes
ST450MX0034	450	SAS	4Kn	3 / 6	128	1DE202-XXX	No	NQAJ	No	No
ST450MX0044	450	SAS	4Kn	3 / 6	128	1DE212-XXX	Yes	NQAJ	No	No
ST450MX0054	450	SAS	4Kn	3 / 6	128	1DE222-XXX	Yes	NQAJ	Yes	No
ST450MX0074	450	SAS	4Kn	3 / 6	128	1DE232-XXX	Yes	NQAJ	No	Yes
ST600MX0004	600	SAS	5xxE	3 / 6	128	1DD201-XXX	No	NQAJ	No	No
ST600MX0014	600	SAS	5xxE	3 / 6	128	1DD211-XXX	Yes	NQAJ	No	No
ST600MX0024	600	SAS	5xxE	3 / 6	128	1DD221-XXX	Yes	NQAJ	Yes	No
ST600MX0064	600	SAS	5xxE	3 / 6	128	1DD231-XXX	Yes	NQAJ	No	Yes
ST450MX0004	450	SAS	5xxE	3 / 6	128	1DE201-XXX	No	NQAJ	No	No
ST450MX0014	450	SAS	5xxE	3 / 6	128	1DE211-XXX	Yes	NQAJ	No	No
ST450MX0024	450	SAS	5xxE	3 / 6	128	1DE221-XXX	Yes	NQAJ	Yes	No
ST450MX0064	450	SAS	5xxE	3 / 6	128	1DE231-XXX	Yes	NQAJ	No	Yes
ST300MX0034	300	SAS	4Kn	2 / 4	128	1DF202-XXX	No	NQAJ	No	No
ST300MX0044	300	SAS	4Kn	2 / 4	128	1DF212-XXX	Yes	NQAJ	No	No
ST300MX0054	300	SAS	4Kn	2 / 4	128	1DF222-XXX	Yes	NQAJ	Yes	No
ST300MX0074	300	SAS	4Kn	2 / 4	128	1DF232-XXX	Yes	NQAJ	No	Yes
ST300MX0004	300	SAS	5xxE	2 / 4	128	1DF201-XXX	No	NQAJ	No	No
ST300MX0014	300	SAS	5xxE	2 / 4	128	1DF211-XXX	Yes	NQAJ	No	No
ST300MX0024	300	SAS	5xxE	2 / 4	128	1DF221-XXX	Yes	NQAJ	Yes	No
ST300MX0064	300	SAS	5xxE	2 / 4	128	1DF231-XXX	Yes	NQAJ	No	Yes
Definitions: FIPS = Federal Information Processing System ISE = Instant Secure Erase SED= Self Encrypted Disc										

Walter P. Weller



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Savvio 15K.3 model family variations:

Model #	Capacity/GB	Interface	Disc / Heads	Cache (MB)	Part Number	SED Enabled	Board Type	FIPS Label affixed
Full-pop								
ST9300653SS	300	SAS	2 / 4	32	9SW066-xxx	No	HPAJ-x	No
ST9300553SS	300	SAS	2 / 4	32	9ZZ066-xxx	Yes	HPAJ-x	No
ST9300453SS	300	SAS	2 / 4	32	9XM066-xxx	Yes	HPAJ-x	Yes
De-pop								
ST9146853SS	146	SAS	1 / 2	32	9SV066-xxx	No	HPAJ-x	No
ST9146753SS	146	SAS	1 / 2	32	9ZY066-xxx	Yes	HPAJ-x	No
ST9146653SS	146	SAS	1 / 2	32	9XL066-xxx	Yes	HPAJ-x	Yes

Definition: FIPS = Federal Information Processing System

Enterprise Performance 15K HDD v5 (Hybrid) model family variations:

Model #	Capacity/GB	Interface	Format	Disc / Heads	Cache (MB)	Part Number	SED Enabled	Board Type	FIPS Label affixed	NAND Flash
ST600MX0082	600	SAS	4Kn	3 / 6	128	1L8202-XXX	No	TRAJ	No	32GB
ST600MX0092	600	SAS	4Kn	3 / 6	128	1L8212-XXX	Yes	TRAJ	No	32GB
ST600MX0102	600	SAS	4Kn	3 / 6	128	1L8222-XXX	Yes	TRAJ	Yes	32GB
ST600MX0052	600	SAS	5xxE	3 / 6	128	1L8201-XXX	No	TRAJ	No	32GB
ST600MX0062	600	SAS	5xxE	3 / 6	128	1L8211-XXX	Yes	TRAJ	No	32GB
ST600MX0072	600	SAS	5xxE	3 / 6	128	1L8221-XXX	Yes	TRAJ	Yes	32GB
ST300MX0032	300	SAS	4Kn	2 / 4	128	1L7202-XXX	No	TRAJ	No	32GB
ST300MX0042	300	SAS	4Kn	2 / 4	128	1L7212-XXX	Yes	TRAJ	No	32GB
ST300MX0012	300	SAS	5xxE	2 / 4	128	1L7201-XXX	No	TRAJ	No	32GB
ST300MX0022	300	SAS	5xxE	2 / 4	128	1L7211-XXX	Yes	TRAJ	No	32GB

Definitions: FIPS = Federal Information Processing System
 ISE = Instant Secure Erase
 SED= Self Encrypted Disc

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Enterprise Performance 10K HDD v8 Family Model Variations:

8 heads/ 4 disc		
ST1800MM0018	1GR201-XXX	1800 GB, SAS interface, 128 MB cache, 5xxE Format, Standard
ST1800MM0068	1GR211-XXX	1800 GB, SAS interface, 128 MB cache, 5xxE Format, SED
ST1800MM0058	1GR231-XXX	1800 GB, SAS interface, 128 MB cache, 5xxE Format, ISE
ST1800MM0078	1GR221-XXX	1800 GB, SAS interface, 128 MB cache, 5xxE Format, SED with FIPS label
ST1800MM0008	1GR202-XXX	1800 GB, SAS interface, 128 MB cache, 4Kn Format, Standard
ST1800MM0038	1GR212-XXX	1800 GB, SAS interface, 128 MB cache, 4Kn Format, SED
ST1800MM0028	1GR232-XXX	1800 GB, SAS interface, 128 MB cache, 4Kn Format, ISE
ST1800MM0048	1GR222-XXX	1800 GB, SAS interface, 128 MB cache, 4Kn Format, SED with FIPS label
6 heads/3 disc		
ST1200MM0018	1FF201-XXX	1200 GB, SAS interface, 128 MB cache, 5xxE Format, Standard
ST1200MM0068	1FF211-XXX	1200 GB, SAS interface, 128 MB cache, 5xxE Format, SED
ST1200MM0058	1FF231-XXX	1200 GB, SAS interface, 128 MB cache, 5xxE Format, ISE
ST1200MM0078	1FF221-XXX	1200 GB, SAS interface, 128 MB cache, 5xxE Format, SED with FIPS label
ST1200MM0008	1FF202-XXX	1200 GB, SAS interface, 128 MB cache, 4Kn Format, Standard
ST1200MM0038	1FF212-XXX	1200 GB, SAS interface, 128 MB cache, 4Kn Format, SED
ST1200MM0028	1FF232-XXX	1200 GB, SAS interface, 128 MB cache, 4Kn Format, ISE
ST1200MM0048	1FF222-XXX	1200 GB, SAS interface, 128 MB cache, 4Kn Format, SED with FIPS label
ST1200MM0088	1FF200-XXX	1200 GB, SAS interface, 128 MB cache, 512n Format, Standard
ST1200MM0098	1FF210-XXX	1200 GB, SAS interface, 128 MB cache, 512n Format, SED
ST1200MM0198	1FF230-XXX	1200 GB, SAS interface, 128 MB cache, 512n Format, ISE
ST1200MM0108	1FF220-XXX	1200 GB, SAS interface, 128 MB cache, 512n Format, SED with FIPS label
4 heads/2 disc		
ST900MM0018	1FE201-XXX	900 GB, SAS interface, 128 MB cache, 5xxE Format, Standard
ST900MM0068	1FE211-XXX	900 GB, SAS interface, 128 MB cache, 5xxE Format, SED
ST900MM0058	1FE231-XXX	900 GB, SAS interface, 128 MB cache, 5xxE Format, ISE
ST900MM0078	1FE221-XXX	900 GB, SAS interface, 128 MB cache, 5xxE Format, SED with FIPS label
ST900MM0008	1FE202-XXX	900 GB, SAS interface, 128 MB cache, 4Kn Format, Standard
ST900MM0038	1FE212-XXX	900 GB, SAS interface, 128 MB cache, 4Kn Format, SED
ST900MM0028	1FE232-XXX	900 GB, SAS interface, 128 MB cache, 4Kn Format, ISE
ST900MM0048	1FE222-XXX	900 GB, SAS interface, 128 MB cache, 4Kn Format, SED with FIPS label
ST900MM0168	1FE200-XXX	900 GB, SAS interface, 128 MB cache, 512n Format, Standard
ST900MM0178	1FE210-XXX	900 GB, SAS interface, 128 MB cache, 512n Format, SED
ST900MM0198	1FE230-XXX	900 GB, SAS interface, 128 MB cache, 512n Format, ISE
ST900MM0188	1FE220-XXX	900 GB, SAS interface, 128 MB cache, 512n Format, SED with FIPS label

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Enterprise Performance 10K HDD v8 Family Model Variations:

3 heads/2 disc

ST600MM0018	1FD201-XXX	600 GB, SAS interface, 128 MB cache, 5xxE Format, Standard
ST600MM0068	1FD211-XXX	600 GB, SAS interface, 128 MB cache, 5xxE Format, SED
ST600MM0058	1FD231-XXX	600 GB, SAS interface, 128 MB cache, 5xxE Format, ISE
ST600MM0078	1FD221-XXX	600 GB, SAS interface, 128 MB cache, 5xxE Format, SED with FIPS label
ST600MM0008	1FD202-XXX	600 GB, SAS interface, 128 MB cache, 4Kn Format, Standard
ST600MM0038	1FD212-XXX	600 GB, SAS interface, 128 MB cache, 4Kn Format, SED
ST600MM0028	1FD232-XXX	600 GB, SAS interface, 128 MB cache, 4Kn Format, ISE
ST600MM0048	1FD222-XXX	600 GB, SAS interface, 128 MB cache, 4Kn Format, SED with FIPS label
ST600MM0088	1FD200-XXX	600 GB, SAS interface, 128 MB cache, 512n Format, Standard
ST600MM0098	1FD210-XXX	600 GB, SAS interface, 128 MB cache, 512n Format, SED
ST600MM0198	1FD230-XXX	600 GB, SAS interface, 128 MB cache, 512n Format, ISE
ST600MM0108	1FD220-XXX	600 GB, SAS interface, 128 MB cache, 512n Format, SED with FIPS label
ST300MM0008	1V8200-XXX	300 GB, SAS interface, 128 MB cache, 512n Format, Standard
ST300MM0018	1V8210-XXX	300 GB, SAS interface, 128 MB cache, 512n Format, SED
ST300MM0038	1V8230-XXX	300 GB, SAS interface, 128 MB cache, 512n Format, ISE
ST300MM0028	1V8220-XXX	300 GB, SAS interface, 128 MB cache, 512n Format, SED with FIPS label

Note: Original model tested: ST1800MM0018 (shaded). New models in bold; added by similarity.

Model STR001 is a 6 TB, Serial-Attached-SCSI Interface (SAS).
 Model STR002 is a 6 TB, Serial-ATA Interface (SATA).

Regulatory Model Number STR00D:

This regulatory model number, STR00D, is an Enterprise class drive with a SATA interface. The STR00D is the first Seagate drive to use helium gas inside the module to reduce turbulence caused by the rotating discs and increasing aerial density. This drive will be offered in various capacities with 10 TeraByte capacity being the largest. It spins at 7200 RPM with a 256 MB cache buffer. Format sizes will include 512E or 4Kn versions along with Self-Encrypted-Disc (SED) options.

Regulatory Model Number STR00D variations: The regulatory model STR00D is a 3.5 inch, SATA, 6Gbps Interface, Hard Disc Drive (HDD). The drive may be offered in various capacities, with various firmware controlled formats and data security features, and with or without tamper proof security labels. The following model configuration was tested as the worst case version:
 10 TeraByte, Serial-ATA Interface (SATA), 256 MegaByte cache, 7 discs/14 heads, 4Kn format

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Regulatory Model Number STR008
** 8 TeraByte, Serial-ATA Interface (SATA), 128 MegaByte cache, 6 discs/12 heads; 512E (ST8000NM0055), 512E Self-Encrypted Disc (SED) (ST8000NM0105), 4Kn (ST8000NM0045) and 4Kn SED (ST8000NM0115) format
6 TB, SATA Interface, 128 MB cache, 6 discs/12 heads; 512E (ST6000NM0065), 512E Self-Encrypted Disc (SED) (ST6000NM0155), 4Kn (ST6000NM0055) and 4Kn SED (ST6000NM0165) format
Note: ** indicates units used for testing

Regulatory Model Number STR013
** 14 TeraByte, Serial-Attached-SCSI Interface (SAS), 512 MegaByte cache, 8 discs/16 heads, 512E
Note: ** indicates units used for testing

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

Production Facility(ies): 061810, 064076, 039917, 078428, 041780, 091950, 083436

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Product Service

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No. B 091950 0060 Rev. 00

Holder of Certificate: **Seagate Technology LLC**
 389 Disc Drive
 Longmont CO 80503
 USA

Certification Mark:



Product: **Disk drives**
Audio/Video, Information and Communication Technology Equipment

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.: 092-72144199-000

Valid until: 2024-03-01

Date, 2019-04-02 (Adrian Rabago Valenzuela)



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Model(s):

STT003, Regulatory Model STT001 Hard Disk Drive Series, Regulatory Model STT002 Hard Disk Drive Series, STL004, STL005, STR016, Cheetah 15K.7: Drive Family, Constellation.2 Family, Regulatory Model STR00F Hard Disk Drive, Enterprise Performance 15K HDD v5 Family, Enterprise Performance 15K HDD v4 Family, Enterprise Performance 10K HDD v7 Family, Enterprise Turbo SSHD Family, Regulatory Model STR00A Hard Disk Drive Series, Savvio 10K.6 Family, Savvio 15K.3 Family, Enterprise Performance 15K HDD v5 (Hybrid) Family, Enterprise Performance 10K HDD v8 (Hybrid) Family, Enterprise Capacity 2.5 HDD v3 Family, Enterprise Performance 10K HDD v8, STR00B, STR00C, STR00D, ST Series, ST3 (3.5" Series), ST9 (2.5" Series), STR009, STR007, STR008, STL003, STL006, STL007, STR001, STR002, STR012, STR015

Parameters:

Rated Input Voltage: +5 VDC / + 12 VDC

Rated Input Current:

STT003:	0.70 A / 0.55 A
Regulatory Model STT001 Hard Disk Drive Series:	1.0 A / 0.50 A
Regulatory Model STT002 Hard Disk Drive Series:	0.6 A / 0.35 A
STL004:	0.82 A / 0.69 A

For further information see technical data.

Protection Class: III

Degree of Protection: IPX0

Conditions of Acceptability:

- 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 of IEC 62368-1.



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Model	Rated Current A	Weight: kg	Dimensions mm
STT003	0.7 A / 0.55 A	0.206	101 x 70 x 15
Regulatory Model STT001 Hard Disk Drive Series	1.0 A / 0.50 A	0.219	146.5 x 101 x 26
Regulatory Model STT002 Hard Disk Drive Series	0.6 A / 0.35 A	0.223	101 x 70 x 15
STL004	0.82 A / 0.69 A	0.684	146.5 x 101 x 26
STL005	0.90 A / 0.72 A	0.682	146.5 x 101 x 26
STR016	0.90 A / 0.72 A	0.78	146.5 x 101 x 26
Cheetah 15K.7: Drive Family:	(-SS): 0.9 A / 1.0 A	0.714	146 x 102 x 26
Cheetah 15K.7: Drive Family:	(-FC): 1.0 A / 1.0 A	0.714	146 x 102 x 26
Cheetah 15K.7: Drive Family:	(-FCV): 1.3 A	0.714	146 x 102 x 26
Constellation.2 Family:	1.1 A / 0.2 A (-SS)	0.195	101 x 70 x 15
Constellation.2 Family:	0.8 A / 0.2 A (-NS)	0.195	101 x 70 x 15
Regulatory Model STR00F Hard Disk Drive	0.90 A / 0.90 A	0.74	146.5 x 101 x 26
Enterprise Performance 15K HDD v5 Family	0.80 A / 0.50 A	0.231	101 x 70 x 15
Enterprise Performance 15K HDD v4 Family	0.65 A / 0.50 A	0.229	101 x 70 x 15
Enterprise Performance 10K HDD v7 Family	0.60 A / 0.40 A	0.202	101 x 70 x 15
Enterprise Turbo SSHD Family	0.75 A / 0.50 A	0.229	101 x 70 x 15
Regulatory Model STR00A Hard Disk Drive Series	0.80 A / 0.50 A	0.200	101 x 70 x 15
Savvio 10K.6 Family:	0.70 A / 0.30 A	0.220	101 x 70 x 15
Savvio 15K.3 Family:	1.10 A / 0.30 A (-SS)	0.193	101 x 70 x 15
Savvio 15K.3 Family:	1.10 A / 0.30 A (-SS)	0.198	101 x 70 x 15
Enterprise Performance 15K HDD v5 (Hybrid) Family	0.80 A / 0.50 A	0.231	101 x 70 x 15
Enterprise Performance 10K HDD v8 (Hybrid) Family	0.80 A / 0.50 A	0.199	101 x 70 x 15
Enterprise Capacity 2.5 HDD v3 Family	0.60 A / 0.30 A (SAS interface)	0.195	101 x 70 x 15

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Model	Rated Current A	Weight: kg	Dimensions mm
Enterprise Capacity 2.5 HDD v3 Family	0.50 A / 0.30 A (SATA interface)	0.199	101 x 70 x 15
Enterprise Performance 10K HDD v8	0.80 A / 0.50 A	0.199	101 x 70 x 15
STR00B	0.85 A / 0.99 A	0.780	146.5 x 101 x 26
STR00C	0.75 A / 0.99 A	0.780	146.5 x 101 x 26
STR00D	0.77 A / 0.59 A	0.645	146.1 x 101 x 26
ST	1.5 A Max	1.00	146.5 x 101 x 26
ST3 (3.5" Series)	1.5 A Max	1.00	146.5 x 101 x 26
ST9 (2.5" Series)	1.5 A Max	1.00	146.5 x 101 x 26
STR009	0.75 A / 0.75 A	0.42	146.5 x 101 x 19.5
STR007	0.85 A / 0.99 A	0.78	146.5 x 101 x 26
STR008	0.75 A / 0.99 A	0.78	146.5 x 101 x 26
STL003	0.75 A / 0.75 A	0.550	146 x 101 x 26
STL006, STL007	0.90 A / 0.72 A	0.689	146.5 x 101 x 26
STR001	0.85 A / 0.99 A	0.767	145 x 96 x 15
STR002	0.75 A / 0.99 A	0.767	145 x 96 x 15
STR012	1.5 A Max	1.00	146.5 x 101 x 26
STR015	1.5 A Max	1.00	146.5 x 101 x 26
Note*: Rating is dependent on interface and board type:			

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Regulatory Model Number: STT003:

** Indicates configuration tested.

	8 heads/4 disc
	2400 GB, SAS interface, 256 MB cache, 512n Format, NAND Flash, Standard
	2400 GB, SAS interface, 256 MB cache, 512n Format, NAND Flash, SED
	2400 GB, SAS interface, 256 MB cache, 512n Format, NAND Flash, ISE
	2400 GB, SAS interface, 256 MB cache, 512n Format, NAND Flash, SEDw/FIPS
**	2400 GB, SAS interface, 256 MB cache, 5xxE Format, NAND Flash, Standard
	2400 GB, SAS interface, 256 MB cache, 5xxE Format, NAND Flash, SED
	2400 GB, SAS interface, 256 MB cache, 5xxE Format, NAND Flash, ISE
	2400 GB, SAS interface, 256 MB cache, 5xxE Format, NAND Flash, SEDw/FIPS
	2400 GB, SAS interface, 256 MB cache, 4Kn Format, NAND Flash, Standard
	2400 GB, SAS interface, 256 MB cache, 4Kn Format, NAND Flash, SED
	2400 GB, SAS interface, 256 MB cache, 4Kn Format, NAND Flash, ISE
	2400 GB, SAS interface, 256 MB cache, 4Kn Format, NAND Flash, SEDw/FIPS
	6 heads/3 disc
	1800 GB, SAS interface, 256 MB cache, 512n Format, NAND Flash, Standard
	1800 GB, SAS interface, 256 MB cache, 512n Format, NAND Flash, SED
	1800 GB, SAS interface, 256 MB cache, 512n Format, NAND Flash, ISE
	1800 GB, SAS interface, 256 MB cache, 512n Format, NAND Flash, SEDw/FIPS
	1800 GB, SAS interface, 256 MB cache, 5xxE Format, NAND Flash, Standard
	1800 GB, SAS interface, 256 MB cache, 5xxE Format, NAND Flash, SED
	1800 GB, SAS interface, 256 MB cache, 5xxE Format, NAND Flash, ISE
	1800 GB, SAS interface, 256 MB cache, 5xxE Format, NAND Flash, SEDw/FIPS
	1800 GB, SAS interface, 256 MB cache, 4Kn Format, NAND Flash, Standard
	1800 GB, SAS interface, 256 MB cache, 4Kn Format, NAND Flash, SED
	1800 GB, SAS interface, 256 MB cache, 4Kn Format, NAND Flash, ISE
	1800 GB, SAS interface, 256 MB cache, 4Kn Format, NAND Flash, SEDw/FIPS

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Regulatory Model Number: STT003:

** Indicates configuration tested.

	4 heads/2 disc
	1200 GB, SAS interface, 256 MB cache, 512n Format, NAND Flash, Standard
	1200 GB, SAS interface, 256 MB cache, 512n Format, NAND Flash, SED
	1200 GB, SAS interface, 256 MB cache, 512n Format, NAND Flash, ISE
	1200 GB, SAS interface, 256 MB cache, 512n Format, NAND Flash, SEDw/FIPS
	1200 GB, SAS interface, 256 MB cache, 5xxE Format, NAND Flash, Standard
	1200 GB, SAS interface, 256 MB cache, 5xxE Format, NAND Flash, SED
	1200 GB, SAS interface, 256 MB cache, 5xxE Format, NAND Flash, ISE
	1200 GB, SAS interface, 256 MB cache, 5xxE Format, NAND Flash, SEDw/FIPS
	1200 GB, SAS interface, 256 MB cache, 4Kn Format, NAND Flash, Standard
	1200 GB, SAS interface, 256 MB cache, 4Kn Format, NAND Flash, SED
	1200 GB, SAS interface, 256 MB cache, 4Kn Format, NAND Flash, ISE
	1200 GB, SAS interface, 256 MB cache, 4Kn Format, NAND Flash, SEDw/FIPS
	900 GB, SAS interface, 256 MB cache, 512n Format, NAND Flash, Standard
	900 GB, SAS interface, 256 MB cache, 512n Format, NAND Flash, SED
	900 GB, SAS interface, 256 MB cache, 512n Format, NAND Flash, ISE
	900 GB, SAS interface, 256 MB cache, 5xxE Format, NAND Flash, Standard
	900 GB, SAS interface, 256 MB cache, 5xxE Format, NAND Flash, SED
	900 GB, SAS interface, 256 MB cache, 5xxE Format, NAND Flash, ISE
	900 GB, SAS interface, 256 MB cache, 4Kn Format, NAND Flash, Standard
	900 GB, SAS interface, 256 MB cache, 4Kn Format, NAND Flash, SED
	900 GB, SAS interface, 256 MB cache, 4Kn Format, NAND Flash, ISE
	2 heads/1 disc
	600 GB, SAS interface, 256 MB cache, 512n Format, NAND Flash, Standard
	600 GB, SAS interface, 256 MB cache, 512n Format, NAND Flash, SED
	600 GB, SAS interface, 256 MB cache, 512n Format, NAND Flash, ISE
	600 GB, SAS interface, 256 MB cache, 5xxE Format, NAND Flash, Standard
	600 GB, SAS interface, 256 MB cache, 5xxE Format, NAND Flash, SED
	600 GB, SAS interface, 256 MB cache, 5xxE Format, NAND Flash, ISE
	600 GB, SAS interface, 256 MB cache, 4Kn Format, NAND Flash, Standard
	600 GB, SAS interface, 256 MB cache, 4Kn Format, NAND Flash, SED
	600 GB, SAS interface, 256 MB cache, 4Kn Format, NAND Flash, ISE

Note: Any variations in capacity, cache size, format size, NAND or no NAND and security options can be incorporated to create Interchangeable model configurations. All configurations will fall under STT003.

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Cheetah 15K.7 Family Model Variations:

Model #	Capacity/GB	Interface	Disc / Heads	Cache (MB)	Part Number	SED Enabled	FIPS Label Affixed	Board Type
ST3600057FC	600	FC	4 / 8	16	9FN004-xxx	No	No	AAMA-2
ST3600057SS	600	SAS	4 / 8	16	9FN066-xxx	No	No	BAMA-2
ST3600057FCV	600	FC	4 / 8	16	9FN007-xxx	No	No	CAMA-2
ST3600957FC	600	FC	4 / 8	16	9PX004-xxx	Yes	No	AAMA-2
ST3600957SS	600	SAS	4 / 8	16	9PX066-xxx	Yes	No	BAMA-2
ST3600857FC	600	FC	4 / 8	16	9XJ004-xxx	Yes	Yes	AAMA-2
ST3600857SS	600	SAS	4 / 8	16	9XJ066-xxx	Yes	Yes	BAMA-2
ST3450857FC	450	FC	3 / 6	16	9FM004-xxx	No	No	AAMA-2
ST3450857SS	450	SAS	3 / 6	16	9FM066-xxx	No	No	BAMA-2
ST3450857FCV	450	FC	3 / 6	16	9FM007-xxx	No	No	CAMA-2
ST3450757FC	450	FC	3 / 6	16	9PW004-xxx	Yes	No	AAMA-2
ST3450757SS	450	SAS	3 / 6	16	9PW066-xxx	Yes	No	BAMA-2
ST3450657FC	450	FC	3 / 6	16	9XH004-xxx	Yes	Yes	AAMA-2
ST3450657SS	450	SAS	3 / 6	16	9XH066-xxx	Yes	Yes	BAMA-2
ST3300657FC	300	FC	2 / 4	16	9FL004-xxx	No	No	AAMA-2
ST3300657SS	300	SAS	2 / 4	16	9FL066-xxx	No	No	BAMA-2
ST3300657FCV	300	FC	2 / 4	16	9FL007-xxx	No	No	CAMA-2
ST3300557FC	300	FC	2 / 4	16	9PV004-xxx	Yes	No	AAMA-2
ST3300557SS	300	SAS	2 / 4	16	9PV066-xxx	Yes	No	BAMA-2
ST3300457FC	300	FC	2 / 4	16	9XG004-xxx	Yes	Yes	AAMA-2
ST3300457SS	300	SAS	2 / 4	16	9XG066-xxx	Yes	Yes	BAMA-2

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Constellation.2 model family variations:

Model #	Capacity/GB	Interface	Disc / Heads	Cache (MB)	Part Number	SED Enabled	Board Type	FIPS Label affixed
ST91000640SS	1000	SAS	4 / 8	64	9RZ268-xxx	No	JNAJ-x	No
ST91000640NS	1000	SATA	4 / 8	64	9RZ168-xxx	No	KNAJ-x	No
ST91000641SS	1000	SAS	4 / 8	64	9TR268-xxx	Yes	JNAJ-x	No
ST91000641NS	1000	SATA	4 / 8	64	9TR168-xxx	Yes	KNAJ-x	No
ST91000642SS	1000	SAS	4 / 8	64	9XU268-xxx	Yes	JNAJ-x	Yes
ST91000642NS	1000	SATA	4 / 8	64	9XU168-xxx	Yes	KNAJ-x	Yes
ST9500620SS	500	SAS	2 / 4	64	9RZ264-xxx	No	JNAJ-x	No
ST9500620NS	500	SATA	2 / 4	64	9RZ164-xxx	No	KNAJ-x	No
ST9500621SS	500	SAS	2 / 4	64	9TR264-xxx	Yes	JNAJ-x	No
ST9500621NS	500	SATA	2 / 4	64	9TR164-xxx	Yes	KNAJ-x	No
ST9500622SS	500	SAS	2 / 4	64	9XU264-xxx	Yes	JNAJ-x	Yes
ST9500622NS	500	SATA	2 / 4	64	9XU164-xxx	Yes	KNAJ-x	Yes
ST9250610NS	250	SATA	1 / 2	64	9RZ162-xxx	No	KNAJ-x	No
ST9250611NS	250	SATA	1 / 2	64	9TR162-xxx	Yes	KNAJ-x	Yes
ST9250612NS	250	SATA	1 / 2	64	9XU162-xxx	Yes	KNAJ-x	Yes
Definition: FIPS = Federal Information Processing System								

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Enterprise Performance 15K HDD v5 model family variations:

Model #	Capacity /GB	Interface	Format	Disc / Heads	Cache (MB)	Part Number	SED Enabled	Board Type	FIPS Label affixed	ISE Enabled
ST600MP0065	600	SAS	4Kn	3 / 6	128	1MJ202-XXX	No	TRAJ-0	No	No
ST600MP0075	600	SAS	4Kn	3 / 6	128	1MJ212-XXX	Yes	TRAJ-0	No	No
ST600MP0085	600	SAS	4Kn	3 / 6	128	1MJ222-XXX	Yes	TRAJ-0	Yes	No
ST450MP0065	450	SAS	4Kn	3 / 6	128	1MH202-XXX	No	TRAJ-0	No	No
ST450MP0075	450	SAS	4Kn	3 / 6	128	1MH212-XXX	Yes	TRAJ-0	No	No
ST600MP0035	600	SAS	5xxE	3 / 6	128	1MJ201-XXX	No	TRAJ-0	No	No
ST600MP0045	600	SAS	5xxE	3 / 6	128	1MJ211-XXX	Yes	TRAJ-0	No	No
ST600MP0055	600	SAS	5xxE	3 / 6	128	1MJ221-XXX	Yes	TRAJ-0	Yes	No
ST450MP0035	450	SAS	5xxE	3 / 6	128	1MH201-XXX	No	TRAJ-0	No	No
ST450MP0045	450	SAS	5xxE	3 / 6	128	1MH211-XXX	Yes	TRAJ-0	No	No
ST600MP0005	600	SAS	512n	3 / 6	128	1MJ200-XXX	No	TRAJ-0	No	No
ST600MP0015	600	SAS	512n	3 / 6	128	1MJ210-XXX	Yes	TRAJ-0	No	No
ST600MP0025	600	SAS	512n	3 / 6	128	1MJ220-XXX	Yes	TRAJ-0	Yes	No
ST450MP0005	450	SAS	512n	3 / 6	128	1MH200-XXX	No	TRAJ-0	No	No
ST450MP0015	450	SAS	512n	3 / 6	128	1MH210-XXX	Yes	TRAJ-0	No	No
ST300MP0065	300	SAS	4Kn	2 / 4	128	1MG202-XXX	No	TRAJ-0	No	No
ST300MP0075	300	SAS	4Kn	2 / 4	128	1MG212-XXX	Yes	TRAJ-0	No	No
ST300MP0085	300	SAS	4Kn	2 / 4	128	1MG222-XXX	Yes	TRAJ-0	Yes	No
ST300MP0035	300	SAS	5xxE	2 / 4	128	1MG201-XXX	No	TRAJ-0	No	No
ST300MP0045	300	SAS	5xxE	2 / 4	128	1MG211-XXX	Yes	TRAJ-0	No	No
ST300MP0055	300	SAS	5xxE	2 / 4	128	1MG221-XXX	Yes	TRAJ-0	Yes	No
ST300MP0005	300	SAS	5xxE	2 / 4	128	1MG200-XXX	No	TRAJ-0	No	No
ST300MP0015	300	SAS	5xxE	2 / 4	128	1MG210-XXX	Yes	TRAJ-0	No	No
ST300MP0025	300	SAS	512n	2 / 4	128	1MG220-XXX	Yes	TRAJ-0	Yes	No
Definitions: FIPS = Federal Information Processing System ISE = Instant Secure Erase SED = Self Encrypted Disc										



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Enterprise Performance 15K HDD v4 model family variations:

Model #	Capacity /GB	Interface	Format	Disc / Heads	Cache (MB)	Part Number	SED Enabled	Board Type	FIPS Label affixed	ISE Enabled
ST600MP0064	600	SAS	4Kn	3 / 6	128	1BH202-XXX	No	NQAJ	No	No
ST600MP0074	600	SAS	4Kn	3 / 6	128	1BH212-XXX	Yes	NQAJ	No	No
ST600MP0084	600	SAS	4Kn	3 / 6	128	1BH222-XXX	Yes	NQAJ	Yes	No
ST600MP0104	600	SAS	4Kn	3 / 6	128	1BH232-XXX	Yes	NQAJ	No	Yes
ST450MP0064	450	SAS	4Kn	3 / 6	128	1BG202-XXX	No	NQAJ	No	No
ST450MP0074	450	SAS	4Kn	3 / 6	128	1BG212-XXX	Yes	NQAJ	No	No
ST450MP0084	450	SAS	4Kn	3 / 6	128	1BG222-XXX	Yes	NQAJ	Yes	No
ST450MP0114	450	SAS	4Kn	3 / 6	128	1BG232-XXX	Yes	NQAJ	No	Yes
ST600MP0034	600	SAS	5xxE	3 / 6	128	1BH201-XXX	No	NQAJ	No	No
ST600MP0044	600	SAS	5xxE	3 / 6	128	1BH211-XXX	Yes	NQAJ	No	No
ST600MP0054	600	SAS	5xxE	3 / 6	128	1BH221-XXX	Yes	NQAJ	Yes	No
ST600MP0094	600	SAS	5xxE	3 / 6	128	1BH231-XXX	Yes	NQAJ	No	Yes
ST450MP0034	450	SAS	5xxE	3 / 6	128	1BG201-XXX	No	NQAJ	No	No
ST450MP0044	450	SAS	5xxE	3 / 6	128	1BG211-XXX	Yes	NQAJ	No	No
ST450MP0054	450	SAS	5xxE	3 / 6	128	1BG221-XXX	Yes	NQAJ	Yes	No
ST450MP0104	450	SAS	5xxE	3 / 6	128	1BG231-XXX	Yes	NQAJ	No	Yes
ST450MP0004	450	SAS	512n	3 / 6	128	1BG200-XXX	No	NQAJ	No	No
ST450MP0014	450	SAS	512n	3 / 6	128	1BG210-XXX	Yes	NQAJ	No	No
ST450MP0024	450	SAS	512n	3 / 6	128	1BG220-XXX	Yes	NQAJ	Yes	No
ST450MP0094	450	SAS	512n	3 / 6	128	1BG230-XXX	Yes	NQAJ	No	Yes
ST300MP0064	300	SAS	4Kn	2 / 4	128	1BF202-XXX	No	NQAJ	No	No
ST300MP0074	300	SAS	4Kn	2 / 4	128	1BF212-XXX	Yes	NQAJ	No	No
ST300MP0084	300	SAS	4Kn	2 / 4	128	1BF222-XXX	Yes	NQAJ	Yes	No
ST300MP0114	300	SAS	4Kn	2 / 4	128	1BF232-XXX	Yes	NQAJ	No	Yes
ST300MP0034	300	SAS	5xxE	2 / 4	128	1BF201-XXX	No	NQAJ	No	No
ST300MP0044	300	SAS	5xxE	2 / 4	128	1BF211-XXX	Yes	NQAJ	No	No

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Enterprise Performance 15K HDD v4 model family variations:

Model #	Capacity /GB	Interface	Format	Disc / Heads	Cache (MB)	Part Number	SED Enabled	Board Type	FIPS Label affixed	ISE Enabled
ST300MP0054	300	SAS	5xxE	2 / 4	128	1BF221-XXX	Yes	NQAJ	Yes	No
ST300MP0104	300	SAS	5xxE	2 / 4	128	1BF231-XXX	Yes	NQAJ	No	Yes
ST300MP0004	300	SAS	512n	2 / 4	128	1BF200-XXX	No	NQAJ	No	No
ST300MP0014	300	SAS	512n	2 / 4	128	1BF210-XXX	Yes	NQAJ	No	No
ST300MP0024	300	SAS	512n	2 / 4	128	1BF220-XXX	Yes	NQAJ	Yes	No
ST300MP0094	300	SAS	512n	2 / 4	128	1BF230-XXX	Yes	NQAJ	No	Yes
Definitions: FIPS = Federal Information Processing System ISE = Instant Secure Erase SED= Self Encrypted Disc										

Enterprise Performance 10K HDD v7 model family variations:

Model #	Capacity/GB	Interface	Disc / Heads	Cache (MB)	Part Number	SED Enabled	Board Type	FIPS Label affixed	ISE Enabled
ST1200MM0007	1200	SAS	4 / 8	64	IDA200-xxx	No	YQAJ-0	No	No
ST1200MM0017	1200	SAS	4 / 8	64	IDA210-xxx	Yes	YQAJ-0	No	No
ST1200MM0027	1200	SAS	4 / 8	64	IDA220-xxx	Yes	YQAJ-0	Yes	No
ST1200MM0037	1200	SAS	4 / 8	64	IDA230-xxx	No	YQAJ-0	No	Yes
ST900MM0007	900	SAS	4 / 8	64	IEP200-xxx	No	YQAJ-0	No	No
Definitions: FIPS = Federal Information Processing System ISE = Instant Secure Erase SED= Self Encrypted Disc									

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Enterprise Turbo SSHD (with 32GB NAND Flash) model family variations:

Model #	Capacity/GB	Interface	Format	Disc / Heads	Cache (MB)	Part Number	SED Enabled	Board Type	FIPS Label affixed	ISE Enabled
ST600MX0034	600	SAS	4Kn	3 / 6	128	1DD202-XXX	No	NQAJ	No	No
ST600MX0044	600	SAS	4Kn	3 / 6	128	1DD212-XXX	Yes	NQAJ	No	No
ST600MX0054	600	SAS	4Kn	3 / 6	128	1DD222-XXX	Yes	NQAJ	Yes	No
ST600MX0074	600	SAS	4Kn	3 / 6	128	1DD232-XXX	Yes	NQAJ	No	Yes
ST450MX0034	450	SAS	4Kn	3 / 6	128	1DE202-XXX	No	NQAJ	No	No
ST450MX0044	450	SAS	4Kn	3 / 6	128	1DE212-XXX	Yes	NQAJ	No	No
ST450MX0054	450	SAS	4Kn	3 / 6	128	1DE222-XXX	Yes	NQAJ	Yes	No
ST450MX0074	450	SAS	4Kn	3 / 6	128	1DE232-XXX	Yes	NQAJ	No	Yes
ST600MX0004	600	SAS	5xxE	3 / 6	128	1DD201-XXX	No	NQAJ	No	No
ST600MX0014	600	SAS	5xxE	3 / 6	128	1DD211-XXX	Yes	NQAJ	No	No
ST600MX0024	600	SAS	5xxE	3 / 6	128	1DD221-XXX	Yes	NQAJ	Yes	No
ST600MX0064	600	SAS	5xxE	3 / 6	128	1DD231-XXX	Yes	NQAJ	No	Yes
ST450MX0004	450	SAS	5xxE	3 / 6	128	1DE201-XXX	No	NQAJ	No	No
ST450MX0014	450	SAS	5xxE	3 / 6	128	1DE211-XXX	Yes	NQAJ	No	No
ST450MX0024	450	SAS	5xxE	3 / 6	128	1DE221-XXX	Yes	NQAJ	Yes	No
ST450MX0064	450	SAS	5xxE	3 / 6	128	1DE231-XXX	Yes	NQAJ	No	Yes
ST300MX0034	300	SAS	4Kn	2 / 4	128	1DF202-XXX	No	NQAJ	No	No
ST300MX0044	300	SAS	4Kn	2 / 4	128	1DF212-XXX	Yes	NQAJ	No	No
ST300MX0054	300	SAS	4Kn	2 / 4	128	1DF222-XXX	Yes	NQAJ	Yes	No
ST300MX0074	300	SAS	4Kn	2 / 4	128	1DF232-XXX	Yes	NQAJ	No	Yes
ST300MX0004	300	SAS	5xxE	2 / 4	128	1DF201-XXX	No	NQAJ	No	No
ST300MX0014	300	SAS	5xxE	2 / 4	128	1DF211-XXX	Yes	NQAJ	No	No
ST300MX0024	300	SAS	5xxE	2 / 4	128	1DF221-XXX	Yes	NQAJ	Yes	No
ST300MX0064	300	SAS	5xxE	2 / 4	128	1DF231-XXX	Yes	NQAJ	No	Yes

Definitions: FIPS = Federal Information Processing System
 ISE = Instant Secure Erase
 SED= Self Encrypted Disc

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Regulatory Model STR00A Hard Disk Drive series variations:

Model #	Capacity/GB	Interface	Disc / Heads	Cache (MB)	Regulatory Model Number	SED Enabled	Board Type	FIPS Label affixed	Format Size
ST1800MM0168	1800	SAS	4 / 8	128	STR00A	No	DSAJ	No	5xxE
ST1800MM0178	1800	SAS	4 / 8	128	STR00A	Yes	DSAJ	No	5xxE
ST1800MM0188	1800	SAS	4 / 8	128	STR00A	Yes	DSAJ	Yes	5xxE

Note: Model tested in bold. All other models added by similarity. Added serial flash IC incorporated in all models creates mirrored DRAM configuration for increased performance. Model differences from standard configuration are SED and SED with FIPS

Definitions: FIPS = Federal Information Processing System, SED= Self Encrypted Disc

Savvio 10K.6 model family variations:

Model #	Capacity/GB	Interface	Disc / Heads	Cache (MB)	Part Number	SED Enabled	Board Type	FIPS Label affixed	ISE Enabled
ST900MM0006	900	SAS	3 / 6	64	9WH066-xxx	No	PQAJ	No	No
ST900MM0026	900	SAS	3 / 6	64	9WM066-xxx	Yes	PQAJ	No	No
ST900MM0036	900	SAS	3 / 6	64	IC9066-xxx	Yes	PQAJ	Yes	No
ST900MM0046	900	SAS	3 / 6	64	IE4066-xxx	Yes	PQAJ	No	Yes
ST600MM0006	600	SAS	2 / 4	64	9WG066-xxx	No	PQAJ	No	No
ST600MM0026	600	SAS	2 / 4	64	9WL066-xxx	Yes	PQAJ	No	No
ST600MM0036	600	SAS	2 / 4	64	IC8066-xxx	Yes	PQAJ	Yes	No
ST600MM0046	600	SAS	2 / 4	64	IE3066-xxx	Yes	PQAJ	No	Yes
ST450MM0006	450	SAS	2 / 3	64	9WF066-xxx	No	PQAJ	No	No
ST450MM0026	450	SAS	2 / 3	64	9WK066-xxx	Yes	PQAJ	No	No
ST450MM0036	450	SAS	2 / 3	64	IC7066-xxx	Yes	PQAJ	Yes	No
ST450MM0046	450	SAS	2 / 3	64	IE2066-xxx	Yes	PQAJ	No	Yes
ST300MM0006	300	SAS	1 / 2	64	9WE066-xxx	No	PQAJ	No	No
ST300MM0026	300	SAS	1 / 2	64	9WJ066-xxx	Yes	PQAJ	No	No
ST300MM0036	300	SAS	1 / 2	64	IC6066-xxx	Yes	PQAJ	Yes	No
ST300MM0046	300	SAS	1 / 2	64	IE1066-xxx	Yes	PQAJ	No	Yes

Definitions: FIPS = Federal Information Processing System
ISE = Instant Secure Erase
SED= Self Encrypted Disc

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Savvio 15K.3 model family variations:

Model #	Capacity/GB	Interface	Disc / Heads	Cache (MB)	Part Number	SED Enabled	Board Type	FIPS Label affixed
Full-pop								
ST9300653SS	300	SAS	2 / 4	32	9SW066-xxx	No	HPAJ-x	No
ST9300553SS	300	SAS	2 / 4	32	9ZZ066-xxx	Yes	HPAJ-x	No
ST9300453SS	300	SAS	2 / 4	32	9XM066-xxx	Yes	HPAJ-x	Yes
De-pop								
ST9146853SS	146	SAS	1 / 2	32	9SV066-xxx	No	HPAJ-x	No
ST9146753SS	146	SAS	1 / 2	32	9ZY066-xxx	Yes	HPAJ-x	No
ST9146653SS	146	SAS	1 / 2	32	9XL066-xxx	Yes	HPAJ-x	Yes

Definition: FIPS = Federal Information Processing System

Enterprise Performance 15K HDD v5 (Hybrid) model family variations:

Model #	Capacity/GB	Interface	Format	Disc / Heads	Cache (MB)	Part Number	SED Enabled	Board Type	FIPS Label affixed	NAND Flash
ST600MX0082	600	SAS	4Kn	3 / 6	128	1L8202-XXX	No	TRAJ	No	32GB
ST600MX0092	600	SAS	4Kn	3 / 6	128	1L8212-XXX	Yes	TRAJ	No	32GB
ST600MX0102	600	SAS	4Kn	3 / 6	128	1L8222-XXX	Yes	TRAJ	Yes	32GB
ST600MX0052	600	SAS	5xxE	3 / 6	128	1L8201-XXX	No	TRAJ	No	32GB
ST600MX0062	600	SAS	5xxE	3 / 6	128	1L8211-XXX	Yes	TRAJ	No	32GB
ST600MX0072	600	SAS	5xxE	3 / 6	128	1L8221-XXX	Yes	TRAJ	Yes	32GB
ST300MX0032	300	SAS	4Kn	2 / 4	128	1L7202-XXX	No	TRAJ	No	32GB
ST300MX0042	300	SAS	4Kn	2 / 4	128	1L7212-XXX	Yes	TRAJ	No	32GB
ST300MX0012	300	SAS	5xxE	2 / 4	128	1L7201-XXX	No	TRAJ	No	32GB
ST300MX0022	300	SAS	5xxE	2 / 4	128	1L7211-XXX	Yes	TRAJ	No	32GB

Definitions: FIPS = Federal Information Processing System
 ISE = Instant Secure Erase
 SED= Self Encrypted Disc

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Enterprise Performance 10K HDD v8 (Hybrid) model family variations:

Model #	Capacity/GB	Interface	Disc / Heads	Cache (MB)	Part Number	SED Enabled	Board Type	FIPS Label affixed	Format Size
ST1800MM0128	1800	SAS	4 / 8	128	1RV201-xxx	No	QRAJ	No	5xxE
ST1800MM0148	1800	SAS	4 / 8	128	1RV211-xxx	Yes	QRAJ	No	5xxE
ST1800MM0138	1800	SAS	4 / 8	128	1RV231-xxx	Yes	QRAJ	No	5xxE
ST1800MM0158	1800	SAS	4 / 8	128	1RV221-xxx	Yes	QRAJ	Yes	5xxE
ST1800MM0088	1800	SAS	4 / 8	128	1RV202-xxx	No	QRAJ	No	4kn
ST1800MM0108	1800	SAS	4 / 8	128	1RV212-xxx	Yes	QRAJ	No	4kn
ST1800MM0098	1800	SAS	4 / 8	128	1RV232-xxx	Yes	QRAJ	No	4kn
ST1800MM0118	1800	SAS	4 / 8	128	1RV222-xxx	Yes	QRAJ	Yes	4kn
ST1200MM0158	1200	SAS	3 / 6	128	1RW201-xxx	No	QRAJ	No	5xxE
ST1200MM0178	1200	SAS	3 / 6	128	1RW211-xxx	Yes	QRAJ	No	5xxE
ST1200MM0168	1200	SAS	3 / 6	128	1RW231-xxx	Yes	QRAJ	No	5xxE
ST1200MM0188	1200	SAS	3 / 6	128	1RW221-xxx	Yes	QRAJ	Yes	5xxE
ST1200MM0118	1200	SAS	3 / 6	128	1RW202-xxx	No	QRAJ	No	4kn
ST1200MM0138	1200	SAS	3 / 6	128	1RW212-xxx	Yes	QRAJ	No	4kn
ST1200MM0128	1200	SAS	3 / 6	128	1RW232-xxx	Yes	QRAJ	No	4kn
ST1200MM0148	1200	SAS	3 / 6	128	1RW222-xxx	Yes	QRAJ	Yes	4kn
ST900MM0128	900	SAS	2 / 4	128	1RX201-XXX	No	QRAJ	No	5xxE
ST900MM0148	900	SAS	2 / 4	128	1RX211-XXX	Yes	QRAJ	No	5xxE
ST900MM0138	900	SAS	2 / 4	128	1RX231-XXX	Yes	QRAJ	No	5xxE
ST900MM0158	900	SAS	2 / 4	128	1RX221-XXX	Yes	QRAJ	Yes	5xxE
ST900MM0088	900	SAS	2 / 4	128	1RX202-XXX	No	QRAJ	No	4kn
ST900MM0108	900	SAS	2 / 4	128	1RX212-XXX	Yes	QRAJ	No	4kn
ST900MM0098	900	SAS	2 / 4	128	1RX232-XXX	Yes	QRAJ	No	4kn
ST900MM0118	900	SAS	2 / 4	128	1RX222-XXX	Yes	QRAJ	Yes	4kn



Product Service

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Enterprise Performance 10K HDD v8 (Hybrid) model family variations:

Model #	Capacity/GB	Interface	Disc / Heads	Cache (MB)	Part Number	SED Enabled	Board Type	FIPS Label affixed	Format Size
ST600MM0158	600	SAS	2 / 3	128	1RY201-XXX	No	QRAJ	No	5xxE
ST600MM0178	600	SAS	2 / 3	128	1RY211-XXX	Yes	QRAJ	No	5xxE
ST600MM0168	600	SAS	2 / 3	128	1RY231-XXX	Yes	QRAJ	No	5xxE
ST600MM0188	600	SAS	2 / 3	128	1RY221-XXX	Yes	QRAJ	Yes	5xxE
ST600MM0118	600	SAS	2 / 3	128	1RY202-XXX	No	QRAJ	No	4kn
ST600MM0138	600	SAS	2 / 3	128	1RY212-XXX	Yes	QRAJ	No	4kn
ST600MM0128	600	SAS	2 / 3	128	1RY232-XXX	Yes	QRAJ	No	4kn
ST600MM0148	600	SAS	2 / 3	128	1RY222-XXX	Yes	QRAJ	Yes	4kn

Note: Model tested in bold. All other models added by similarity.

Definitions: FIPS = Federal Information Processing System, SED= Self Encrypted Disc
ISE = Instant Secure Erase,

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Enterprise Capacity 2.5 HDD v3 model family variations

Model #	Capacity/GB	Interface	Format	Disc / Heads	Cache (MB)	Part Number	SED Enabled	Board Type	FIPS Label affixed	ISE Enabled
ST1000NX0363	1000	SAS	4Kn	3 / 5	128	1FN212-XXX	Yes	RQAJ	No	No
ST1000NX0403	1000	SAS	4Kn	3 / 5	128	1FN232-XXX	Yes	RQAJ	No	Yes
ST1000NX0333	1000	SAS	5xxE	3 / 5	128	1FN201-XXX	No	RQAJ	No	No
ST1000NX0373	1000	SAS	5xxE	3 / 5	128	1FN211-XXX	Yes	RQAJ	No	No
ST1000NX0413	1000	SAS	5xxE	3 / 5	128	1FN231-XXX	Yes	RQAJ	No	Yes
ST1000NX0453	1000	SAS	512n	3 / 5	128	1VE200-XXX	No	RQAJ	No	No
ST1000NX0463	1000	SAS	512n	3 / 5	128	1VE210-XXX	Yes	RQAJ	No	No
ST1000NX0473	1000	SAS	512n	3 / 5	128	1VE230-XXX	Yes	RQAJ	No	Yes
ST1000NX0303	1000	SATA	4Kn	3 / 5	128	1FN102-XXX	No	SQAJ	No	No
ST1000NX0343	1000	SATA	4Kn	3 / 5	128	1FN112-XXX	Yes	SQAJ	No	No
ST1000NX0383	1000	SATA	4Kn	3 / 5	128	1FN132-XXX	Yes	SQAJ	No	Yes
ST1000NX0313	1000	SATA	5xxE	3 / 5	128	1FN101-XXX	No	SQAJ	No	No
ST1000NX0353	1000	SATA	5xxE	3 / 5	128	1FN111-XXX	Yes	SQAJ	No	No
ST1000NX0393	1000	SATA	5xxE	3 / 5	128	1FN131-XXX	Yes	SQAJ	No	Yes
ST1000NX0423	1000	SATA	512n	3 / 5	128	1VE100-XXX	No	SQAJ	No	No
ST1000NX0433	1000	SATA	512n	3 / 5	128	1VE110-XXX	Yes	SQAJ	No	No
ST1000NX0443	1000	SATA	512n	3 / 5	128	1VE130-XXX	Yes	SQAJ	No	Yes
				Definitions: FIPS = Federal Information Processing System ISE = Instant Secure Erase SED= Self Encrypted Disc						

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Enterprise Performance 10K HDD v8 Family Model Variations:		
8 heads/ 4 disc		
ST1800MM0018	1GR201-XXX	1800 GB, SAS interface, 128 MB cache, 5xxE Format, Standard
ST1800MM0068	1GR211-XXX	1800 GB, SAS interface, 128 MB cache, 5xxE Format, SED
ST1800MM0058	1GR231-XXX	1800 GB, SAS interface, 128 MB cache, 5xxE Format, ISE
ST1800MM0078	1GR221-XXX	1800 GB, SAS interface, 128 MB cache, 5xxE Format, SED with FIPS label
ST1800MM0008	1GR202-XXX	1800 GB, SAS interface, 128 MB cache, 4Kn Format, Standard
ST1800MM0038	1GR212-XXX	1800 GB, SAS interface, 128 MB cache, 4Kn Format, SED
ST1800MM0028	1GR232-XXX	1800 GB, SAS interface, 128 MB cache, 4Kn Format, ISE
ST1800MM0048	1GR222-XXX	1800 GB, SAS interface, 128 MB cache, 4Kn Format, SED with FIPS label
6 heads/3 disc		
ST1200MM0018	1FF201-XXX	1200 GB, SAS interface, 128 MB cache, 5xxE Format, Standard
ST1200MM0068	1FF211-XXX	1200 GB, SAS interface, 128 MB cache, 5xxE Format, SED
ST1200MM0058	1FF231-XXX	1200 GB, SAS interface, 128 MB cache, 5xxE Format, ISE
ST1200MM0078	1FF221-XXX	1200 GB, SAS interface, 128 MB cache, 5xxE Format, SED with FIPS label
ST1200MM0008	1FF202-XXX	1200 GB, SAS interface, 128 MB cache, 4Kn Format, Standard
ST1200MM0038	1FF212-XXX	1200 GB, SAS interface, 128 MB cache, 4Kn Format, SED
ST1200MM0028	1FF232-XXX	1200 GB, SAS interface, 128 MB cache, 4Kn Format, ISE
ST1200MM0048	1FF222-XXX	1200 GB, SAS interface, 128 MB cache, 4Kn Format, SED with FIPS label
ST1200MM0088	1FF200-XXX	1200 GB, SAS interface, 128 MB cache, 512n Format, Standard
ST1200MM0098	1FF210-XXX	1200 GB, SAS interface, 128 MB cache, 512n Format, SED
ST1200MM0198	1FF230-XXX	1200 GB, SAS interface, 128 MB cache, 512n Format, ISE
ST1200MM0108	1FF220-XXX	1200 GB, SAS interface, 128 MB cache, 512n Format, SED with FIPS label
4 heads/2 disc		
ST900MM0018	1FE201-XXX	900 GB, SAS interface, 128 MB cache, 5xxE Format, Standard
ST900MM0068	1FE211-XXX	900 GB, SAS interface, 128 MB cache, 5xxE Format, SED
ST900MM0058	1FE231-XXX	900 GB, SAS interface, 128 MB cache, 5xxE Format, ISE
ST900MM0078	1FE221-XXX	900 GB, SAS interface, 128 MB cache, 5xxE Format, SED with FIPS label
ST900MM0008	1FE202-XXX	900 GB, SAS interface, 128 MB cache, 4Kn Format, Standard
ST900MM0038	1FE212-XXX	900 GB, SAS interface, 128 MB cache, 4Kn Format, SED
ST900MM0028	1FE232-XXX	900 GB, SAS interface, 128 MB cache, 4Kn Format, ISE
ST900MM0048	1FE222-XXX	900 GB, SAS interface, 128 MB cache, 4Kn Format, SED with FIPS label
ST900MM0168	1FE200-XXX	900 GB, SAS interface, 128 MB cache, 512n Format, Standard
ST900MM0178	1FE210-XXX	900 GB, SAS interface, 128 MB cache, 512n Format, SED
ST900MM0198	1FE230-XXX	900 GB, SAS interface, 128 MB cache, 512n Format, ISE
ST900MM0188	1FE220-XXX	900 GB, SAS interface, 128 MB cache, 512n Format, SED with FIPS label





Product Service

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No. B 091950 0060 Rev. 00

Model Details STR00B; SAS Interface and STR00C; SATA Interface:

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	STR00B	Yes	MAK26
4TB	SAS	512n/4Kn	4/7	128	STR00B	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	STR00C	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
1TB	SATA	512n	2/2	128	STR00C	No	MAK16
1TB	SATA	512n	2/2	128	STR00C	Yes	MAK16

Note: ** indicates units used for testing

Tested according to: EN 62368-1:2014/A11:2017

Production Facility(ies): 039917, 041780, 061810, 064076, 078428, 083436, 091950

符合性聲明書
Declaration of Conformity

報驗義務人代碼 Code of the applicant	編號 Number
D33027	1712221103

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：886-2-2514-2201

Telephone

商品中(英)文名稱：硬式磁碟機 HDD

Commodity Name

商品型式(或型號)：STT001

Commodity Type (Model)

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：SEAG0110.2 (EMC)/ 16F0412 and 16F0413 (RoHS)

Test Report Number

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

報驗義務人：台灣希捷科技股份有限公司/Géraldine Hottier-Fayon (簽章)

Obligatory Applicant The Board Chairman of Seagate Technology Taiwan (Signature)

中華民國 106 年 12 月 22 日

DATE

(year)

(month)

(day)

NORTHWEST EMC

Seagate Technology LLC

STT001

Report # SEAG0110.2



NVLAP Lab Code: 200881-0

This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government of the United States of America. This Report may only be duplicated in its entirety

CERTIFICATE OF TEST

Last Date of Test: May 19, 2016
Seagate Technology LLC
Model: STT001

Emissions

Standards

Specification	Method
CNS 13438:2006 (Complete) Class B	CNS 13438:2006 (Complete)

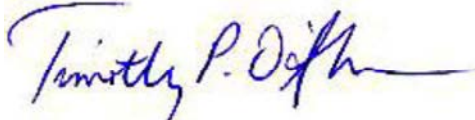
Results

Test Description	Applied	Results	Comments
Radiated Emissions	Yes	Pass	
Radiated Emissions High Frequency	Yes	Pass	
Conducted Emissions	Yes	Pass	
Telecom Conducted Emissions	Yes	Pass	

Deviations From Test Standards

None

Approved By:



Tim O'Shea, Operations Manager

Product compliance is the responsibility of the client; therefore, the tests and equipment modes of operation represented in this report were agreed upon by the client, prior to testing. The results of this test pertain only to the sample(s) tested. The specific description is noted in each of the individual sections of the test report supporting this certificate of test. This report reflects only those tests from the referenced standards shown in the certificate of test. It does not include inspection or verification of labels, identification, marking or user information.