

Zertifikat

Certificate

Registrier-Nr.

Registered No.

44 780 11 404095

Zeichen des Auftraggebers

Customer's reference

Troy Gomez

Auftragsdatum

Date of order

31.08.2010 / 13.01.2012

Aktenzeichen

File reference

2.4-380/94 Jut/Spri

Prüfbericht Nr.

Test report no.

12 780 404095

**Name und Anschrift
des Auftraggebers**

**Western Digital Technologie, Inc.
3337 Michelson Drive
Irvine, CA 92612, USA**

*Name and address of
the customer*

ist berechtigt, das unten
genannte Produkt
mit dem abgebildeten Zeichen
zu kennzeichnen



*is authorized to
provide the product
mentioned below with
the mark as illustrated*

Fertigungsstätte

**Siehe Anlage 2
See annex 2**

Manufacturing plant

Geprüft nach

**EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011
IEC 60950-1:2005 (2nd edition) + Am1:2009
IEC 60065:2001 (7th edition) + A1:2005 + A2:2010**

Tested in accordance with

**Beschreibung des
Produktes
(Details s. Anlage 1)**

**Interne Festplattenlaufwerke für den Einbau
Internal Hard Disk Drives for built-in**

*Description of product
(Details see Annex 1)*

**TÜV NORD CERT GmbH
Zertifizierungsstelle
Fachleiter Konsumgüter**

Gültig bis / Valid until: 17.01.2017



Essen, 18.01.2012

**Bitte beachten sie auch die umseitigen Hinweise
Please also pay attention to the information stated overleaf**

Type: **WDU-YYYYYYY-ZZZZ**

Explanation of type no. code:

Code	Code Explanation
WDx-xxxxxxx-xxxx	Western Digital
xxU-xxxxxxx-xxxx	Identifies the form factor
xxx-YYYYYYY-xxxx	Identifies formatted capacity (can be 2 to 7 digits)
xxx-xxxxxxx-ZZZZ	Identifies the Customer Configuration Code and Interface

Die oben aufgeführten Produkte dürfen wie folgt gekennzeichnet werden:
The above mentioned products could be provided with the following marking:

TÜV NORD CERT GmbH
Zertifizierungsstelle
Fachleiter Konsumgüter



Type: SSU-YYYYYYY-ZZZZ

Explanation of type no. code:

Code	Code Explanation
SSx-xxxxxxx-xxxx	Silicon Systems
xxUxxxxxxx-xxxx	Identifies the form factor
xxx-YYYYYYY-xxxx	Identifies formatted capacity (can be 2 to 7 digits)
xxx-xxxxxxx-ZZZZ	Identifies the Customer Configuration Code and Interface

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Zertifizierungsstelle
Fachleiter Konsumgüter



Kind of device: Internal Solid State Drives for built-in (SSD)
(Size: 2.5")

Type: WDU-YYYYYYY-ZZZZ (see annex 1 page 2 for code)
SSU-YYYYYYY-ZZZZ (see annex 1 page 3 for code)

Rated Voltage: 5.0 Vdc

Rated Current: 1.0 A (max. rated)

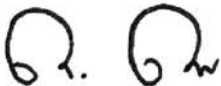
Protection Class: III

Mains Connection: For connection to an isolated SELV source only.

Mode of operation: Continuous

Die oben aufgeführten Produkte dürfen wie folgt gekennzeichnet werden:
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TÜV NORD CERT GmbH
Zertifizierungsstelle
Fachleiter Konsumgüter



Zertifikat

Certificate

Registrier-Nr.

Registered No.

44 780 11 404095-002

Zeichen des Auftraggebers

Customer's reference

Troy Gomez

Auftragsdatum

Date of order

09.06.2009 / 13.01.2012

Aktenzeichen

File reference

2.4-380/94 Jut/Spri

Prüfbericht Nr.

Test report no.

12 780 404095

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Fertigungsstätte

Siehe Anlage 2
See annex 2

Manufacturing plant

Geprüft nach

**EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011
IEC 60950-1:2005 (2nd edition) + Am1:2009
IEC 60065:2001 (7th edition) + A1:2005 + A2:2010**

Tested in accordance with

Beschreibung des Produktes (Details s. Anlage 1)

Interne Halbleiterlaufwerke für den Einbau
Internal Solid State Drives for built-in

*Description of product
(Details see Annex 1)*

TÜV NORD CERT GmbH
Zertifizierungsstelle
Fachleiter Konsumgüter

Gültig bis / Valid until: **17.01.2017**



Essen, 18.01.2012

Bitte beachten sie auch die umseitigen Hinweise
Please also pay attention to the information stated overleaf

Type: **WDUUUVZTS-YYXXYY**

Explanation of type no. code:

1.3 Code	1.4 Code Explanation
<u>WD</u> XXXXXXXX-XXXXXX	Western Digital
xx <u>UUUU</u> xxxx-xxxxxx	Identifies formatted capacity (Can be 2 to 4 digits.)
xxxxxxx <u>V</u> xxx-xxxxxx	Identifies capacity multiplier and physical form factor
xxxxxxx <u>Z</u> xx-xxxxxx	Identifies business unit/brand
xxxxxxx <u>T</u> x-xxxxxx	Identifies RPM/Buffer Size
xxxxxxxx <u>S</u> -xxxxxx	Identifies interface connector
xxxxxxxx- <u>YY</u> xxxx	Identifies Customer number (customer ID)
xxxxxxxx-xx <u>XXX</u> xx	Identifies SELV circuit options (family identifier)
xxxxxxxx-xxxx <u>YY</u>	Identifies Customer configuration code

Remark:

XXX for 18 Character's
 XX for 17 Character's

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 The above mentioned products could be provided with the following marking:

TÜV NORD CERT GmbH
 Zertifizierungsstelle
 Fachleiter Konsumgüter




Type: WDUUV W W W W W-XXXYYY

Code and ratings descriptions:

Code:

- WD: Western Digital (not always present)
- UU: Product Family
 - AC = IBM AT Compatible Caviar 3.5"
 - AL = IBM AT Compatible Caviar Lite 2.5"
 - CU = Caviar Ultra-Lite 1.8"
- V: Number of Media Disks (Platters)

WWWWW = can be 3-5 digits, 0-9, Formatted Capacity (MB)

XXXYYY = designates SELV logic changes, software, instruction sets, etc.

<u>Product Family (UU)</u>	<u>Input Ratings (max. for series)</u>
AC	12 V ... 0,3 A 5 V ... 0,7 A
AL	5 V ... 0,5 A
CU	5 V ... 0,5 A

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TÜV NORD CERT GmbH
Zertifizierungsstelle
Fachleiter Konsumgüter



Type: **WDUUUUXZ-YYXXYY**
Explanation of type no. code:

1.1 Code	1.2 Code Explanation
<u>WD</u> xxxxxx-xxxxxx	Western Digital
xx <u>UUUU</u> xx-xxxxxx	Identifies formatted capacity in GigaBytes (Can be 2 to 4 digits, last digit indicates ".U" GB.)
xxxxxx <u>X</u> x-xxxxxx	Identifies RPM/Buffer Size
xxxxxx <u>Z</u> -xxxxxx	Identifies IDE interface (Alpha characters A to E) of (P to Z)
xxxxxx <u>YY</u> xxxx	Identifies Customer number
xxxxxx <u>XX</u> xx	Identifies SELV circuit options
xxxxxx <u>YY</u>	Identifies Customer configuration code

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TÜV NORD CERT GmbH
 Zertifizierungsstelle
 Fachleiter Konsumgüter



Kind of device: Built-in, component type hard disk drives
(Size: 3.5"; 2.5"; 1.0")

Type: WDUUUUXZ-YYXXYY (see annex 1 page 2 for code)
WDUUV W W W W W-XXXYYY (see annex 1 page 3 for code)
WDUUUUVZTS-YYXXYY (see annex 1 page 4 for code)

Rated Voltage: 3.3 / 5.0 / 12.0 Vdc

Rated Current: 0.35 / 1.5 A / 1.0 A (max. rated)

Rated Power: 17.0 W (max. rated)


Protection Class: III

Mains Connection: For connection to an isolated SELV source only.
Optional via incorporated USB port (2.5" drives only).

Mode of operation: Continuous

Die oben aufgeführten Produkte dürfen wie folgt gekennzeichnet werden:
The above mentioned products could be provided with the following marking:

TÜV NORD CERT GmbH
Zertifizierungsstelle
Fachleiter Konsumgüter



Zertifikat

Certificate

Registrier-Nr.

Registered No.

44 780 10 386579

Zeichen des Auftraggebers
Customer's reference

Troy Gomez

Auftragsdatum
Date of order

31.08.2010

Aktenzeichen
File reference

2.4-380/94 Jut/Spri

Prüfbericht Nr.
Test report no.

10 780 386579

**Name und Anschrift
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**Western Digital Technologie, Inc.
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the mark as illustrated*

Fertigungsstätte

Siehe Anlage 2.
See annex 2.

Manufacturing plant

Geprüft nach

**EN 60950-1:2006 + A11: 2009
IEC 60950-1: 2005 (2nd edition)
EN 60065:2002 + A1:2006 + Cor.:2007 + A11:2008**

Tested in accordance with

**Beschreibung des
Produktes**
(Details s. Anlage 1)

Interne Festplattenlaufwerke für den Einbau
Internal Hard Disk Drives for built-in

*Description of product
(Details see Annex 1)*

TÜV NORD CERT GmbH
Zertifizierungsstelle
Fachleiter Konsumgüter

Gültig bis / Valid until: 24.01.2015



Essen, 18.11.2010

Bitte beachten sie auch die umseitigen Hinweise
Please also pay attention to the information stated overleaf

TÜV NORD CERT GmbH
Langemarckstrasse 20
45141 Essen
Tel.: +49 201 8255120
e-mail: prodcert@tuev-nord.de

Technical Report

Testing Laboratory
Product Safety

Report No. 12780404095 dated 17.01.2012

Applicant: Western Digital Technology, Inc.
3337 Michelson Drive,
Irvine, CA 92612, USA

Device under test: Hard Disk Drive, Mod. WD 2500BB-00DWA0
Solid State Drive, Mod. SSC-D0128C-2100

Test principles: IEC 60950-1 (2nd edition) + Amendment1:2009
EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011
IEC 60065:2001 (7th edition) + A1:2005 + A2:2010

Order no.: 8000404095

File no.: 2.4-380/94

Test engineer: Thomas Just

Testing period: 16.01. – 17.01.2012

Place of testing: TÜV NORD CERT GmbH, Essen, Germany

The report consists of 2 pages

1. General

Technical Ratings:	HDD	SSD
Rated voltage:	3.3 / 5.0 / 12.0 Vdc	5.0 Vdc
Rated current:	0.35 / 1.5 / 1.0 A	1.0 A (Max.)
Protection class:	III	III
IP rating:	ordinary	ordinary
Mains connection:	For connection to an isolated SELV source only	

Type of examination: Conformity test to update the TUV NORD Bauart licenses no. 4478010386579 and 4478011372220 dated 11.03.2011 to EN 60950-1/A12:2011.

2. Submitted files

None

3. Conducted test

The requirements of EN 60950-1/A12:2011 have been verified by visual inspection. No additional tests have been necessary for the assessment of conformity. Detailed reports are held in the laboratory files.

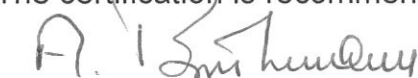
- Tests according to EN/IEC 60950-1 (Test report no. 12780404095-001; 48 pages)
- Tests according to EN 60950-1/A12:2011 (Attachment to Test report no. 12780404095-001; 17 pages)
- Tests according to IEC 60065 (Test report no. 11780372220-002; 31 pages)

4. List of test equipment

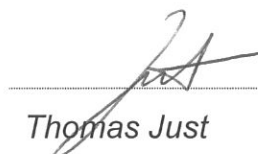
None test equipments have been used.

5. Test result

The referencend units are in compliance with the above requirements.
The certification is recommended.



Albert Brinkmann



Thomas Just