



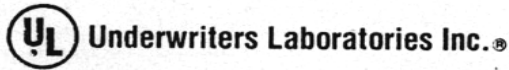
***DTTA-xxxxx***  
***Agency Approval Letters***

***UL***  
***CSA***  
***CE***  
***TUV***  
***C-TICK***

***Prepared by Fujisawa PAE Team***



Northbrook, Illinois • (847) 272-8800  
 Melville, New York • (516) 271-6200  
 Santa Clara, California • (408) 985-2400  
 Research Triangle Park,  
 North Carolina • (919) 549-1400  
 Camas, Washington • (360) 817-5500



IBM JAPAN LTD  
 MR M INOUE, DEPT FU-71310  
 FUJISAWA PLANT, DEPT FU-T2300  
 1 KIRIHARA-CHO  
 252-0811, FUJISAWA-SHI  
 KANAGAWA-KEN JAPAN



Your most recent listing is shown below. Please review this information and report any inaccuracies to the UL Engineering staff member who handled your UL project.

NWGQ2 July 1, 1998  
 Component - Information Technology Equipment Including Electrical Business  
 Equipment

IBM JAPAN LTD

E182115 (N)  
 (B - cont. from A card)

Component Name/Model	Rated Input Volts	Load Amps	F/R	Laser Class
Hard disk drives, Model DWWX-2nnnn, where WW may be PL or TC, X may be A or S and n may be any number 0 thru 9.	+5vdc	0.7	N/A	N/A
Model DUUX-3nnnnn, where n may be blank or any number 0 thru 9, UU may be DR or TT and X may be A or S.	+12vdc +5vdc	.65 .55	N/A N/A	N/A N/A

Reports: July 2, 1997; September 16, 1997.

Replaces E182115B dated May 1, 1998.  
 429171003 H0961 Underwriters Laboratories Inc.®

(Cont. on C card)  
 D1I/0324290  
 172

For information on placing an order for UL Listing Cards in a 3 x 5 inch card format, please refer to the enclosed ordering information.

UNDERWRITERS LABORATORIES INC.

A not-for-profit organization  
 dedicated to public safety and  
 committed to quality service

\* Refer to Follow-up Procedure Section 9 in File No 182115.

IBM Japan Ltd. Fujisawa Plant  
1. Kirihara-cho, Fujisawa-shi, Kanagawa-ken  
Japan

IBM

Dec. 17 1997  
LR 22063C

## STATEMENT OF COMPLIANCE

To : Mr. T. Endoh FU-R81

From : M. Inouye  
M. Inouye FU-R8G  
CSA Certification Coordinator

Model Category - Model Number DTTX-3nnnnn ("Tittan" 3.5 inch HDD)  
where n is any number 0-9

The subject equipments have been evaluated in accordance with CSA's Category Certification Service and have found to comply with the applicable requirements.

By the authority CSA, these equipments are immediately eligible to bear the CSA mark.

In accordance with the Category Certification procedure, the evaluation and testing of these equipments are subject to final validation by CSA.

Class : 3862-07 - Information Technology Equipment

Canadian Standards Association - Requirements  
CAN/CSA-22.2 No.0M91 - Canadian Electrical Code, Part II  
No.950-93 - Safety of Information Equipment

Electrical rating : 12 Vdc 650 mA(max) , 5 Vdc 550 mA(Max)

CC.	Mr. H. Yanagisawa	FU-R81	Mr. H. Asano	FU-R89
	Mr. K. Moriyama	FU-R80	Mr. H. Nozaki	FU-R89
	Mr. T. Komuro	FU-R8G		



IBM Japan, Ltd.

1, Kirihara-cho, Fujisawa-shi  
Kanagawa-ken 252, Japan

EC DECLARATION OF CONFORMITY

for

IBM DTTA-3xxxxx Hard Disk Drive

( x : any numeral )

We, IBM Japan, Ltd., declare under our sole responsibility that the above-named products,  
manufactured by :

IBM Japan, Ltd.

1, Kirihara-cho, Fujisawa-shi  
Kanagawa-ken , 252 Japan

to which this declaration relates, is in conformity with the requirements of Council  
Directive 89/336/EEC on the approximation of the laws of the Member States relating  
to electromagnetic compatibility.

This Declaration of Conformity is based upon compliance of the product with the  
following harmonized standards:

EN 55022 : 1994 (Class B)  
EN 50082-1 : 1992

Signed :

H. Ino  
Director of Storage Products M&D

Place of issue :

IBM Japan, Ltd.  
1, Kirihara-cho, Fujisawa-shi  
Kanagawa-ken, 252 Japan

Date of issue

Dec 17 '97

## Zertifikat Certificate



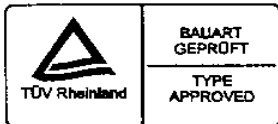
**TÜV  
Rheinland**

Zertifikat Nr. Certificate No.      Blatt Page  
R 9250061                                      17

Ihr Zeichen Client Reference      Unser Zeichen Our Reference      Ausstellungsdatum Date of Issue  
M.I.                                      00141- CM/eo- E9250051Z02      17.09.97      (day/mo/yr)

<p><b>Genehmigungsinhaber License Holder</b> IBM Japan, Ltd., Yamato Laboratory  1623-14 Shimo-Tsuruma Yamato-shi, Kanagawa 242 Japan</p>	<p><b>Fertigungsstätte Manufacturing Plant</b> IBM Japan, Ltd. Fujisawa Plant 1 Kirihara-cho Fujisawa-shi, Kanagawa 252 Japan</p>
---	---

Prüfzeichen Test Mark                      Geprüft nach Tested acc. to  
    EN 60950:1988+A1+A2



Zertifiziertes Produkt (Geräteidentifikation)                      Lizenzentgelte - Einheit  
Certified Product (Product Identification)                      License Fee - Unit  
DISKETTENLAUFWERK (Hard Disk Drive)

Ergänzung (Addition)

<p>Bezeichnungen : (Type Designations)</p> <p>DyyA-3xxxxxx DyyS-3xxxxxx</p> <p>x = 0 - 9 y = A - Z</p>	<p>1 1</p>
--	----------------

ANLAGE (Appendix): 1



Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product fulfills above-mentioned-requirements, the production is subject to surveillance.

Zertifizierungsstelle

TÜV Rheinland Product Safety GmbH, Am Grauen Stein, D-51105 Köln

Dipl.-Ing. W. Nölke

## DECLARATION OF CONFORMITY

I/We, IBM Australia Ltd,

(name of manufacturer or importer)

of 55 Coonara Ave., West Pennant Hills, NSW 2125

(address of manufacturer or importer)

Australian Company Number (ACN): 000 024 733

Supplier code number: N79

declare that the following device:

IBM 3.5" Hard Disk Drives Models: DTTA-3xxxx (x = any numeral)

(name, type and model and, if available, lot, batch and serial numbers)

to which this Declaration relates, complies with the following applicable standard(s):

Limits and methods of measurement of radio disturbance characteristics of information technology equipment, AS/NZS 3548:1995 Class B

(title(s), identification number(s) and date(s) of issue of standard(s))

AND I/We intend to affix a label to the device identifying the manufacturer/importer of the device as:

IBM Registered Trade Mark

(manner of identification intended to be used on the label)

Information about the person making this declaration.

(The person making this declaration must hold a senior position in the manufacturing or importing organisation and must have authority to make the Declaration which must be signed in Australia)

G. E. Pickering for P. W. Robinson

(signature of declarant)

Paul William Robinson

(full name of declarant)

National Requirements Manager

(position held in the manufacturing or importing organisation)

5 January 1998

(date of Declaration)

19980001

(reference number)

[NOTE: It is an offence under section 312 of the Radiocommunications Act 1992 knowingly or recklessly to make a false or misleading statement. Penalty: \$10,000.]