

1655 Scott Boulevard
Santa Clara, California 95050-4169
United States Country Code (1)
(408) 985-2400
FAX No. (408) 296-3256
<http://www.ul.com>



E133560, 01SC03259

January 30, 2001

International Business Machines Corp.
San Jose, CA

Fax No: 256-2095

Attention: Mr. Eric Tenody

Reference: File E133560, Project 01SC03259

Subject: Disk Drive, Models, IC 35LxxxUyPR15, where xxx is
018 or 036 and y is W or C.

Dear Mr. Tenody:

NOTICE OF AUTHORIZATION TO APPLY THE UL MARK

UL's investigation of your products has been completed under project number 01SC03259 and the products were determined to comply with the applicable requirements.

This fax temporarily supplements the UL Follow-Up Services Inspection Procedure and serves as authorization to apply the UL Recognized Marking and/or Recognized Component Mark only at the factory under UL's Follow-Up Service Program to the above products which are constructed as described below:

Identical to new models, which were submitted to UL for this investigation. The UL records covering the product will be in the Follow-Up Services Inspection Procedure, File E133560, Vol. 19, new Section.

To provide the manufacturer with the intended authorization to use the UL Mark, the addressee must send a copy of this Notice and all attached material to each manufacturing location as currently authorized in File E133560, Vol. 19.

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

E133560, 01SC03259
January 30, 2001
Page 2

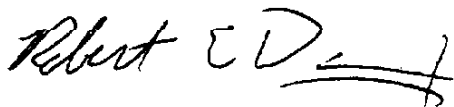
This authorization is effective for 90 days from the date of this Notice and only for products at the indicated manufacturing locations. Records in the Follow-Up Services Procedure covering the product are now being prepared and will be sent to the indicated manufacturing locations in the near future. Please note that the Follow-Up Services Procedures are sent to the manufacturers only unless the Applicant specifically requests this document.

Products which bear the UL Mark shall be identical to those which were evaluated by UL and found to comply with UL's requirements.

If changes in construction are discovered, authorization to use the UL Mark may be withdrawn and products that bear the UL Mark may have to be revised (in the field or at the manufacturer's facility) to bring them into compliance with UL's requirements.

Regards,

Reviewed by:



ROBERT WARREN (Ext. 32237)
Project Engineer
Conformity Assessment Services
Section 3013E
Email: robert.warren@us.ul.com

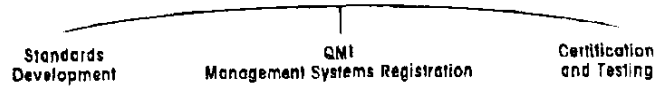


PAUL GRABOWSKI (Ext. 32499)
Associate Managing Engineer
Conformity Assessment Services
Section 3013H
Email: paul.a.grabowski@us.ul.com

cc: Attention: Mr. Tony Romero
International Business Machines Corp.
Storage Systems Division
Tucson, AZ
Fax No: 1-520-799-5111



CSA INTERNATIONAL



ADVANCE NOTICE OF COMPLIANCE

Master Contract: 151762 (LR 34074C)
January 22, 2001

Mr. Eric Tenody
Product Safety Engineer
Compliance Group
5600 Cottle Road
San Jose, CA 95193

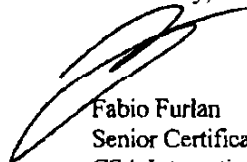
Subject: Component Disk Drive, Series IC 35LxxxUyPR15 (where x=018 or 036; y=W or C)

Dear Mr. Tenody:

We have pleasure in informing you that the subject equipment is considered to comply with publications IEC 950 (1991) 2nd Edition Amendment No. 1 (1992), Amendment No. 2 (1993), Amendment No. 3 (1995) and Amendment No. 4 (1996) and EN60950: 1992 + A1: 1993 + A2: 1993 + A3: 1995 + A4: 1997; CAN/CSA-C22.2 No 950-95 and UL 1950, Third Edition.

This letter will serve as an advance authorization for you to apply the CSA Mark with C/US indicator until you receive our Certificate of Compliance and updated Certification Report by mail.

Yours truly,



Fabio Furlan
Senior Certification Engineer
CSA International – Irvine, CA

We Answer With Solutions

2805 Barranca Parkway, Irvine, CA 92606-5114
Telephone: 949.733.4300 Fax: 949.733.4320 Website: www.csa-international.org

經濟部標準檢驗局

商品電磁相容型式認可證明書

申請廠商： 台灣國際商業機器股份有限公司

地 址： 台北市基隆路一段206號

負 責 人： 許朱勝

一、產品名稱：

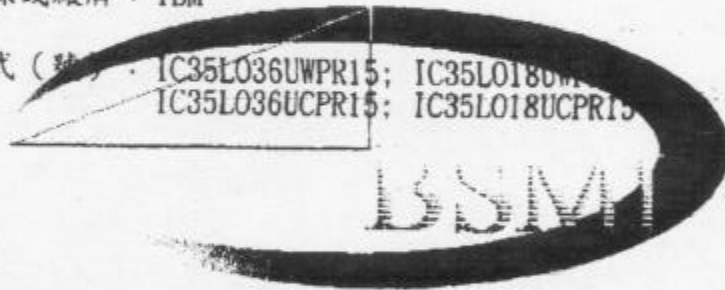
(1)產品中文名稱：-

(2)產品英文名稱：HDD (Ultrastar 36Z15 Disk Drive)

(3)產品分類：乙類

(4)商標或廠牌：IBM

(5)型式(號)：
IC35L036UWPR15; IC35L0180W
IC35L036UCPR15; IC35L018UCPR15



二、商品電磁相容型式認可標示：

檢磁38921298

說明：

- (1)：上述認可產品其本體應依認可標示式樣自製標籤，印貼或鐫印於商品明顯位置。
- (2)：經型式認可之商品，如變更其設計時應重新申請型式認可。
- (3)：取得型式認可之商品，於市場銷售時應與所申請認可之樣品具一致性。

中 華 民 國 90 年 2 月 7 日

EC DECLARATION OF CONFORMITY

for

IBM ULTRASTAR 36Z15 DISK DRIVES

We, IBM Corporation, Austin, Texas - USA, declare under our sole responsibility that the above-named product, manufactured by:

IBM Singapore Pte, Ltd.
Block 8 Khaki Bukit Ave 1
#01-05
Singapore 417941

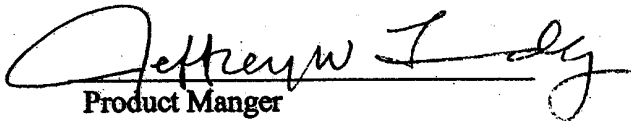
to which this declaration relates, are in conformity with the requirements of the following EC Directives:

Council Directive 73/23/ECC on the harmonization of the laws of the Member States relating to electrical equipment designed for use within certain voltage limits.

Council Directive 89/336/EEC on the approximation of the laws of the Member States relating to electromagnetic compatibility.

Conformity with these directives has been assessed as specified in the attached Schedules A & B. IBM Singapore Pte, Ltd. is ISO 9002 certified.

Signed:


Product Manger

Place of issue: IBM Corporation

Date of issue: 12/15/00

EC DECLARATION OF CONFORMITY

for

IBM ULTRASTAR 36Z15 DISK DRIVES

SCHEDULE A

Conformity with Council Directive 73/23/ECC on the harmonization of the laws of the Member States relating to electrical equipment designed for use within certain voltage limits is based on compliance with the following harmonized standards:

EN 60950 : 1992 + Amd 1:1993, Amd 2:1993, Amd 3:1996, Amd 4:1996 Amd 11:1997

SCHEDULE B

Conformity with Council Directive 89/336/EEC on the approximation of the laws of the Member States relating to electromagnetic compatibility is based on compliance with the following harmonized standards:

EN 55022 : 1994 +A1:1995 , +A2:1997 (Class B)

EN 55024 : 1998

EN 61000-3-2 : 1995



TUV Rheinland of North America, Inc.
San Francisco
1279 Quarry Lane, Suite A
Pleasanton, CA 94566
Tel: (925) 249-9123 Fax: (925) 249-9124
Web: www.us.tuv.com E-mail: info-sfr@us.tuv.com

01/26/2001

IBM Corporation
5600 Cottle Road
San Jose, CA 95193
US

Attn.: Mr. Eric Tenody

Confirmation of Type Testing

TUV File Number : E9372700.14
Type of Equipment : Hard Disk Drive
Model Designation : IC35LxxxUyPR15
Test Requirements : EN 60950:1992+A1+A2+A3+A4+A11

Dear Mr. Tenody,

We hereby confirm that the above specified equipment has been type-tested for compliance with the above referenced requirements.

This letter is not a substitute for a certificate. The certificate will be issued on condition of final approval by our certification office.

If we can be of any further assistance, please do not hesitate to call upon us.

Sincerely,
TUV Rheinland of North America, Inc.

A handwritten signature in cursive script, appearing to read 'Norman Chadwick'.

Norman Chadwick
Product Safety Division



ANZCERT DATABASE



IBM Ultrastar 36Z15 Disk Drive Family. 15 K rpm, 3.5-inch, SCSI.

Owner: Paul W Robinson/Australia/IBM @ IBMAU

DoC Held in: ● Australia
○ New Zealand

Document added by: Geoff Pickering
on 11/05/2000

File Ref: 20000230

Product Manager: Andrew Mihulka/Australia/IBM

Category: EMC

Business Unit: PSG / OBI

Status: Completed

Retention Date

Checklist: Orig. DoC/CoA Photographs

Retention Data

All Test Reports Description

Completed: 01/17/2001

Block Diagram

Comment: Piranha

DoC - Signed by Geoff Pickering/Australia/Contr/IBM on 01/17/2001 03:39:01 PM, according to /IBM

Note: the information in this section can only be updated by applying a secure, digital signature to this section. This digital signature is now used in lieu of a handwritten signature on paper. When authenticated, Lotus Notes places an authentication report in the heading next to the twistie above. It can only be authenticated by viewing the ANZCERT database in Notes, where this electronic document is the original DoC for regulatory audit purposes. Authentication cannot be performed in Notes mail at present, or on the intranet.

Digital signature applied by: Geoff Pickering/Australia/Contr/IBM

DECLARATION OF CONFORMITY

I/We, IBM Australia Ltd,

(name of manufacturer or importer)



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

(address of manufacture or importer)

Australian Company Number (ACN): 000 024 733

Supplier code number: N79

declare that the following device:

IBM Ultrastar 36Z15 Disk Drive Family

15 K rpm, 3.5-inch, SCSI interface.

(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 standards(s))

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

Supplier Code N79 or 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)

(Digitally signed by 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)

17 January 2001

(date of Declaration)

[NOTE: It is an offence under section 302 of the Radiocommunications Act 1992 knowingly or recklessly to

make a false or misleading statement. Penalty: \$10,000.]

20000230

(reference number)

Additional Notes:

Tracking Information

DOCUMENT	IDENTIFICATION	COMMENTS
EMC DoC Announcement Letter Planned GA:	20000230 RFA	AS/NZS 3548 Class B
EMC Measurement / Technical Report Issued by IBM Austin Lab.	No.: 515A-00-026 16 November 2000 Received 17/1/2001	IBM Ultrastar 36Z15 Disk Drive Family - 15 K rpm. 3.5 inch, 1 inch high form factor hard disk drives with SCSI interface offering formatted capacities of 36 GB and 18 GB. Both capacities are available with either 68-pin or 80-pin interfaces. The following drives are covered by this report:
The drives comply with: EN55022 +A1 +A2 Class B		
Includes photos & image of label showing C-Tick mark & N79.		
	Model	Capacity Interface
	IC35LO36UWPR15	36.8 GB 68-pin
	IC35LO18UWPR15	18.4 GB 68-pin
	IC35LO36UCPR15	38.8 GB 80-pin (?)
	IC35LO36UCPR15	18.4 GB 80-pin

.....