

# EC Declaration of Conformity

We,

**IBM - SSD**  
**5600 Cottle Road**  
**San Jose, California 95193 U.S.A.**

declare, under our sole responsibility, that the product

**ULTRASTAR 18XP & 9LP - DGHS Models**

**manufactured by:**

IBM Corporation  
5600 Cottle Road  
San Jose, California 95193 U.S.A.

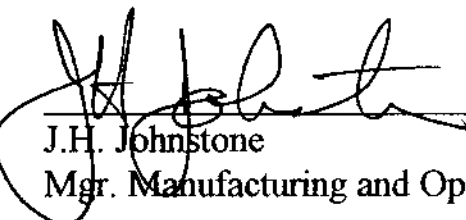
**conforms to the following European Directives:**

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

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

**Conformity has been assessed as specified on Page 2 of 2.**

San Jose, California U.S.A. September 25, 1997

 *Sept 25, 1997*  
\_\_\_\_\_  
J.H. Johnstone  
Mgr. Manufacturing and Operations

---

Europe Contact:

I. Becker, Director of Tech Relations

**The EC Declaration of Conformity for the product:**

**ULTRASTAR3 XP DGHS Models**

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

EN 55022 : 1987 (complies with the Class B limit)

EN 50082-1: 1992

EN 60950 + 1988-06

Amd. No. 1 1990-08

Amd. No. 2 1991-10

EN 60555-2

# 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 18XP (DGHS 18U) and ULTRASTAR 91LP (DGHS 09U)**

**3.5" Hard Disk Drives**

(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))

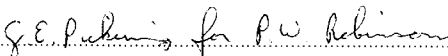
AND I/We intend to affix a label to the device identifying the manufacturer/importer of the device as:

**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)



(signature of declarant)

**Paul William Robinson**

(full name of declarant)

**National Requirements Manager**

(position held in the manufacturing or importing organisation)

**23 September 1997**

(date of Declaration)

**97EC0154**

(reference number)

[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.]



Underwriters Laboratories Inc.®

1655 Scott Boulevard  
Santa Clara, California 95050  
(408) 985-2400  
FAX No (408) 296-3256  
Cable ULINC SANTA CLA

E133560

September 23, 1997

IBM Corp.  
San Jose, CA

Fax No.: 256-2095

Attention: Mr. Bruce Brynildson

Reference: Your Fax Dated September 19, 1997

Subject: Disk Files, Models DGHS, DGHC, and DGHL

Dear Mr. Brynildson:

NOTICE OF AUTHORIZATION TO APPLY THE UL MARK

We have completed our engineering investigation and find the products 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 to the above products which are constructed as described below:

Similar to products covered in the UL Follow-Up Services Inspection Procedure, File E133560, Volume 19, Section 1.

Modified as follows:

Page 1 - Revised current ratings from "1.1/0.75 A"  
to "1.1/1.15 A".

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.

This authorization is effective for 90 days only from the date of this Notice. Records covering the products are now being prepared and will be sent to you in the near future.

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, the 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:

ALEX MELTON (Ext. 32603)  
Senior Project Engineer  
Engineering Services  
Section 313C

DAVID TAM (Ext. 32961)  
Senior Project Engineer  
Engineering Services  
Section 313C

**Statement of Compliance**

**Disk Storage Units**

**IBM Type DGHS, DGHC, DGHL**

*DATE: June 25, 1997*

*FROM: Bruce G. Brynildson*

*REFERENCE: CSA Certification Report Updated June 25, 1997*

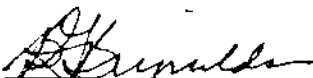
*STANDARDS: CSA 22.2 No. 0.4, CSA 22.2 No. 950*

*RATING: +12 Vdc, 1.15 A and +5 Vdc, 1.10 A*

*The above identified equipment has been evaluated in accordance with CSA's Category Certification Service and has been found to comply with the applicable requirements of the standards listed.*

*By the authority of CSA, this equipment is immediately eligible to bear the CSA Mark.*

*In accordance with the Category Certification Procedure, the evaluation and testing of this equipment is subject to final validation by CSA.*

  
Bruce G. Brynildson

*Product Safety Engineer  
IBM San Jose Lab and Plant  
San Jose, California USA  
CSA File Number - LR 34074C*

*CC: CSA Files*

# Zertifikat Certificate



Zertifikat Nr. Certificate No.  
R 9371775

Blatt Page  
08

Ihr Zeichen Client Reference      Unser Zeichen Our Reference      Ausstellungsdatum Date of Issue  
Bruce Brynildson      00141-NC/sr      E9372700.07      04.11.97      (day/month/yr)

Genehmigungsinhaber License Holder  
IBM Corporation  
5600 Cottle Road  
San Jose, CA 95193  
USA

Fertigungsstätte Manufacturing Plant  
IBM Singapore Ltd.  
Storage Systems Division  
4 Kaki Bukit Ave. 1  
#07-08  
Singapore 1441  
SINGAPORE

Prüfzeichen Test Mark

Geprüft nach Tested acc. to

EN 60950:1992+A1+A2+A3



Zertifiziertes Produkt (Geräteidentifikation)  
Certified Product (Product Identification)

Lizenzentgelte - Einheit  
License Fee - Unit

DISKETTENLAUFWERK Hard Disk Drive

Ergänzung (Addition):

Bezeichnung (Model): DGHS  
DGVS

Änderung (Change):

Aktualisierung der Prüfgrundlage  
für alle Modelle: siehe oben  
(Upgrade of standard for all models: see above)

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  
Der Stellvertreter

Dipl.-Ing. Riechert

MEMO TO: M. Grewal (SSD-PSA) GREWAL at SJEVM5

DATE: AUGUST 21, 1997

Bruce Brynildson, 408-256-2945 T/L 8-276-2945  
Storage Systems Division  
Compliance Engineering  
H99/015, San Jose, California 95193  
SJEVM5/BRYNILDS

SUBJECT: PRODUCT SAFETY REVIEW BOARD(PSRB) APPROVAL OF SAILFIN &  
MARLIN HARD DISK DRIVES.  
MODELS: DGHS DGHC DGHL


The PSRB working committee has completed its review of the Scorpion family of hard disk files. All applicable safety requirements have been met and there are no known safety problems.

The hard disk files meet the following Standards;

EXTERNAL AGENCY STANDARDS: UL 1950, IEC 950, CSA 950, and EN 60 950.

IBM INTERNAL STANDARDS: C-S 3-0501-070, -033, -060 and -201.

Based on this review the PSRB supports general availability and shipment of the above listed hard disk files.



B G Brynildson  
Chairman, PSRB SSD SJ

PSRB WORKING COMMITTEE:

- Bruce Brynildson - Chairman, PSRB
- Bruce Brynildson - Site Product Safety Engineer
- Wayne Young - Site Chemical/Health, EIA

cc

- \* Hamdani, Sayid
- SJEVM5(GREWAL) \* Grewal, M.S. (Mohinder) :SANJOSE
- SJEVM5(CJROOT) \* Root, Cheryl J. :SANJOSE
- SJMVM14(SHARDA) \* Sharda, S.C. (Satish) :SANJOSE
- SJEVM13(SAMARITA) \* Samaritano, R.A. (Robert) :SANJOSE
- SJEVM13(WSYOUNG) \* Young, Wayne S. :SANJOSE