CENTRAL MARKS DEPARTMENT-III

Our Ref : CMD-III/16:3099 (Part 1 & 2) 09 09 2008

Subject : Implementation of Amendment No.4, August 2008 to IS 3099 (Part 1 & 2) Specification for Microscopes-Slips and Slides, Part 1 Microscope Slips and Part 2 Microscope Slides (*First Revision*)

ROs/BOs may please find enclosed printed copy of the above Amendment, issued by PGD. Consequent upon the printing of the above amendment, there is no change in the existing Scheme of Testing and Inspection [Doc : STI/3099/Part 1 & Part 2/…….]

It has been decided to implement the said Amendment with immediate effect. ROs/BOs are requested to inform the licensees for IS 3099 (Parts 1 & 2) : 1992, under their jurisdiction, regarding implementation of the above amendment and ensure compliance.

Sd/- 09 09 2008
(Rajeev Sharma)
Sc-E & Director (CMD-III)

Encl. As stated

Sc-F & Head (CMD-III) – Sd/- 09 09 2008

Circulated to all ROs/BOs, CMD-I, BIS Labs, BSB

Copy to :

Head (PGD) - For gazette notification.

Head (ITS) – For posting on BIS website.

AMENDMENT NO. 4 AUGUST 2008
TO
IS 3099 (PARTS 1 AND 2) : 1992 MICROSCOPES — SLIPS AND SLIDES — SPECIFICATION

PART 1 MICROSCOPE SLIPS

PART 2 MICROSCOPE SLIDES

(First Revision)

(*Page* 1, *clause* 3.1) — Substitute following for the existing:

'3.1 Thickness

Cover slips shall conform to the following thickness ranges:

No. 1 (General purpose) : 0.17 $^{0}_{-0.04}$ mm

No. 1-H (High performance) : 0.17 $^{0}_{-0.02}$ mm

NOTES

1 Microscope manufacturers, for purposes of optical design, use 0.17 mm as the combined thickness of cover slips and mounting medium, measured from the top surface of the cover slips to the top surface of the specimen being observed.

2 In addition to the above No. 1 and No. 1-H cover slips, other thicknesses are available, such as $1_{1/2}$ ($0.17^{+0.02}_{-0.01}$ mm) and No. 2 ($0.17^{+0.08}_{-0}$ mm) which may be used for some purposes.

Highest optical quality, particularly with large aperture objectives, may not be obtained with these thicknesses (Note 2 is only of a cautionary nature, but does not form part of the standard).'

(*Page* 3, *clause* 3.1) — Substitute following for the existing:

'3.1 Thickness

The thickness for microscope slides shall be $1.1^{+0.1}_{-0.2}$

NOTE —Thicker and thinner slides are available. Highest optical quality, particularly with large aperture condensers, may not be obtained with these thicknesses.'

Reprography Unit, BIS, New Delhi, India