

भारतीय मानक ब्यूरो
(केंद्रीय मुहर विभाग III)

हमारा संदर्भ : सी एम डी- III/16 : आई एस 1293

19 08 2019

विषय : आई एस 1293 के अनुपालन हेतु गाइडलाइन ।

सभी शाखा कार्यालय से आग्रह है कि गाइडलाइन का अनुपालन तत्काल प्रभाव से सुनिश्चित करें।

औरोस्मिता कबिराज
वैज्ञानिक सी (सी एम डी-III)

प्रमुख (सी एम डी-III)
सभी क्षेत्रीय/शाखा कार्यालय
आई टी एस विभाग – बीआईएस इंटरनेट पर डालने हेतू

BUREAU OF INDIAN STANDARDS
(Central Marks Department-III)

Our Ref: CMD-III/16 : IS 1293

19 08 2019

Subject: Guidelines for implementation of Revised IS 1293 : 2019, “Plugs and socket-outlets for household and similar purposes of rated voltage upto and including 250 V & rated current upto and including 16 A”.

This has reference to the subject mentioned above.

BOs may kindly ensure implementation of the guidelines with immediate effect.

Aurosmita Kabiraj
Sc-C (CMD-III)

Head (CMD-III)

Circulated to: All ROs/BOs

Copy to: ITS – for hosting on Intranet please

CENTRAL MARKS DEPARTMENT III

Our Ref: CMD III/16: IS 1293

19 Aug 2019

Subject: Guidelines for implementation of Revised IS 1293: 2019, “Plugs and socket-outlets for household and similar purposes of rated voltage upto and including 250 V & rated current upto and including 16 A”

1. IS 1293: 2005 has been revised as IS 1293: 2019 and has been published. The last date for implementation of the revised Standard is 25 July 2020 after which the old Standard shall stand withdrawn.
2. All BOs shall inform the Applicants and Licensees under their jurisdiction about implementation of the revised Standard **within a week of issuance of these guidelines.**
3. The significant changes in the revised Standard as listed in the foreword of the Standard is given below for the purpose of general guidance. BOs shall ensure that the product conforms to all the requirements, as applicable, as per the revised Standard.
 1. Deletion of 10 A current ratings in Table 2- Preferred Combination of Types and Ratings
 2. Phase out of plugs and socket outlets of 16.5 mm pitch for 2.5 A socket design.
 3. Deletion of 5-pin design
 4. Deletion of Design A and Design B
 5. Additional gauges requirement (see 10.3)
 6. Deletion of oval shape socket-outlet design
 7. Requirement for floating terminal have been added (see 11.4)
 8. Clause 12.3.11 includes additional measurements for voltage drop in each screwless terminal.
 9. New construction requirements for socket contacts and pins of socket contacts have been added (see 13.2)
 10. New construction requirements for screw less terminals have been added (see 13.4)
 11. New requirements for pins of portable accessories have been added. (see 14.3)
 12. Clause 14.10 has been modified to include requirements for non-rewirable non-moulded on accessories and for non-rewirable moulded-on accessories.
 13. Clause 14.12 has been modified to ensure the retention of covers, cover-plates of rewirable portable accessories & non rewirable non moulded on portable accessories
 14. Clause 16.1 has been modified to include the requirements for portable socket-outlets.
 15. Clause 16.2 has been modified to include the new requirements for protection provided by enclosures.
 16. Clause 19 has been modified.
 17. New test requirement added to ensure zero strain on non rewirable plugs and non rewirable portable sockets (see 23.1)
 18. Clause 23.2 has been modified to to include the new requirements.

19. New clause 24.14.3 has been included to ensure the retention of cover & cover plates for plugs & portable socket-outlets
20. New clause 24.19 has been added for the compression test subjected to the shrouds of portable socketoutlets
21. New Annex A has been added as an example of membrane and grommets.
22. New Annex D has been added for the requirements of switches incorporated in portable socket-outlets
23. New Annex E has been added for alternative gripping tests.

4. Consequent upon the issuance of the revised Standard, existing STI has been revised as Doc: **SIT/ IS 1293/ 1/ August 2019**.

5. The guidelines for implementation of the revised Standard is given below:

A. LICENSEES:

- (i) All Licensees shall implement the revised Standard by 25 July 2020. BOs shall ensure that no Licences are under operation as per the old Standard after 25 July 2020. **The status of implementation of the revised Standard shall be confirmed by Head (BO) to CMD-III within two weeks of the last date of concurrent running.**
- (ii) Licensees shall submit evidence of conformity to the additional/modified requirements through In-house/Independent Test Reports or Test Certificates, as applicable. Verification of implementation of the revised Standard, wherever required, may be done during the next visit **which may normally be completed within six months of the last date of concurrent running.**
- (iii) If the Licensee fails to complete all actions by 25 July 2020 it shall be dealt with as per the prevailing guidelines.

B. APPLICATIONS FOR GRANT OF LICENCE:

- (i) Existing Applications where Sample has been submitted in the Laboratory/Test Report has been issued by the Laboratory may be processed as per the old Standard. However, if the Applicant is desirous of considering the Application as per the revised Standard, a declaration may be obtained from the Applicant to that effect and the Application may be processed accordingly. An undertaking shall also be obtained from such Applicants that if the sample fails in new test requirements, Licence will not be granted by BIS as per the old version.
- (ii) Applications which are recorded henceforth may be processed as per the old Standard or the revised Standard. Processing of Applications as per the old Standard shall be permitted only upto 25 July 2020 and for such cases Applicant shall give a declaration that they will implement the revised Standard by 25 July 2020.
- (iii) Beyond 25 July 2020 no Licence shall be granted as per the old Standard.

C. CHANGE IN SCOPE OF LICENCE:

- (i) For change in scope of licence, the relevant provisions as given above for Applicants shall apply.
 - (ii) However, processing of such applications for change in scope of licence as per the old Standard shall be permitted only upto the date of implementation of the revised Standard or upto 25 July 2020 whichever is earlier.
6. The above guidelines come into force with immediate effect.

**Aurosmita Kabiraj
Scientist- C**

Head (CMD III)
DDG (Certification)