

BUREAU OF INDIAN STANDARD
(Registration Department)

Frequently Asked Questions (FAQs) for Implementation of IS 1293: 2019, "Plugs and socket-outlets for household and similar purposes of rated voltage up to and including 250 V & rated current up to and including 16 A for using in products under CRO.

Q 1: As per circular of Registration Department, Ref: REG/G-5:4, dated 24 June 2020, deadline for implementation of IS 1293:2019 is given 23 Oct 2020 while as per The Gazette of India dated 18 May 2020, deadline for implementation of IS 1293:2019 is 1st Dec 2020, which one will be applicable?

A: As per BIS circular, Ref: CMD-III/General, dated 27 March 2020, regarding Extension of date of implementation of revised IS 1293:2019 by the existing licensee of IS 1293:2005 is 23 Oct 2020, and the same is mentioned in the above circular of Registration Department. However, as per the latest Gazette of India, dated 18 May 2020, deadline for implementation QCO for IS 1293:2019, which is being brought under mandatory certification of BIS is 1st Dec 2020.

Q 2: As per circular of Registration Department, Ref: REG/G-5:4, dated 24 June 2020 “*Same source*” means *Rating Current* declared in the CCL or it is about the change in for *Manufacturing unit*?

A: Same source means, plugs/socket-outlet Manufacturing unit holding BIS licence/CML number as per IS 1293.

Q 3: The last date to import goods with old standard i.e. IS 1293:2005, is 23.10.2020 or 01.12.2020?

A: As per BIS notification, the last date for implementation of IS 1293:2019 is 23 Oct 2020 for licensee of IS 1293. As far as use of BIS certified plugs/socket as per IS 1293 in the host product is concerned, the host product under CRO may use already BIS certified plugs/socket as per IS 1293:2005 or IS 1293:2019. For sample submitted for testing after 23 October 2019, the plugs/socket used in host product shall certified as per IS 1293:2019. All plugs/sockets used in the host product shall mandatorily BIS certified after 01.12.2020.

Q 4: If the manufacturer is using 10A Plug of BIS certified as per IS 1293:2005 for the end product like TV /Monitor/Note Book/Server/ Workstation, while 10A rating of Plug has been deleted from the scope of revised IS 1293:2019. In the above scenario do we need update end product CCL to change the 10A to 6 A or 16 A Plug in the CCL for the same Plug supplier with same CML number or not.

A: There is no need to apply CCL update for end product to change of BIS certified Plug from 10A to 6 A or 16 A if the source (BIS licensee/CML no.) of Plug is same. However, a document in form of undertaking shall be uploaded on portal indicating the source and rating of plugs as per IS 1293:2019 to be used with the end product.

Q 5: For a Direct plug-in Adapter approved by BIS already with old standard (IS1293:2005) for plug dimension in the report, do we need to update its report through CCL for IS 1293:2019.

A: There is no need to apply for CCL update of Direct plug-in Adapter since dimensional requirements are same in IS 1293:2019 vis a vis IS 1293:2005. However, after deadline of implementation of IS 1293:2019 as per BIS notification, issuing of new test report by laboratory with Plug dimensions shall be as per the latest version IS 1293:2019.

Q 6: The Direct plug-in Adapter as end product need separate ISI mark for plug part or dimension verification as per IS 1293: 2019 is sufficient during performance test in BIS testing.

A: There is no need to separate ISI mark certification as per IS 1293:2019 for direct plug-in Adapter as end product. The plug part shall conform to dimensional requirement as per IS 1293: 2019 during test of end product in testing of laboratory.

Q 7: If the outlets sockets are moulded (integrated with back panel of host/end product) need separate ISI mark for socket or dimension verification as per IS 1293: 2019 is sufficient during performance test in BIS testing.

A: IS 1293 applies to plugs and socket-outlets which are a component of an appliance, unless otherwise stated in the standard for the relevant appliance. However, additionally laboratory test shall conform to dimensional requirement as per IS 1293: 2019 during test of end product in testing.

Q 8: As IS 1293 plug is connected to IS 694 standards as well, is this circular applicable to that as well, as both these standards are interconnected.

A: Independent certification is granted for plugs as per IS 1293 and cables as per IS 694 or IS 9968-1 and these are under mandatory certification of BIS, however BIS standard mark Moulded Plug as per IS 1293 is used with permanent connected BIS standard mark power cord as per IS 694 or IS 9968-1 as the case may be.

Q 9: The manufacturer is presently using power cord with 10A connector +10A cable + 10A plug. As now the IS 1293 has been revised and 10A rating plug has been deleted from the scope of ISS, now when the manufacturer will do an update for revised IS 1293. The manufacturer is planning to change the power cord to 10A connector + 10A cable + 16A plug and the host system rating will be less than 10A. We shall like to know whether the same is acceptable for the host system to use this new power cord combination.

A: Yes, in case of Moulded plug (Non-rewirable) in which power cord is permanent attached, the size of power cord will be used as per specification given in IS 1293:2019 with respect to current rating 6A or 16A. Additionally the power cord used shall be ISI marked as per IS 694. However, in case of Re-wirable type Plug, size of power cord/cable can be used as per current rating of the host product.

Q 10: As the 10A plugs are removed from the scope of IS1293:2019, hence factory/applicant have to choose 16A plugs in place of 10A. As per the BIS notification, CCL updation of host product is required, if the source of new plugs of 16 A is different. Further, referring to MeitY's FAQ, CCL updation with the components of same ratings will only be allowed, while in this case, the old plug is 10A and new plug would be of 16A (*means change in ratings*), Need clarification pertaining to the above point.

A: If the source of new plug of 16 A is different, CCL update in host products from 10 A to 16 A can be accepted since 10 A plug has been removed from the scope of IS 1293:2019.

Q 11: "Our products are covered under Scheme-II (Registration Scheme) and uses the power plug as per IS 1293. In this regard, is the Standard Mark mandatory for IS 1293 as well? Is the Standard Mark applicable for power plug itself and package, or in both? For your kind reference, previously it was not required for IS 1293".

A: BIS Standard Mark is not mandatory for IS 1293 to mark on host product covered under Scheme-II (Registration Scheme). However, BIS standard Mark shall be mandatory for IS 1293:2019 to mark on Plug and/or packaging as required in IS 1293:2019 with valid BIS licence after the last date of implementation of IS 1293:2019 as per Gazette notification of India.

Q 12: Is the Cord extension having multiple universal sockets with an integrated USB adaptor covered under CRO as per IS 13252(Part 1):2010/IEC 60950-1:2005 or covered under IS 1293?

A: The particular requirements for travel adaptors are covered under separate standard which is under development.

Q 13: Is the "Multiple plug Travel Adaptor" consisting of plugs of different countries (e.g. UK, EUROPE, USA, AUSTRALIA) with a universal socket compatible to multiple countries and an integrated USB adaptor in covered under Compulsory Registration Order as per IS 13252(Part 1):2010/IEC 60950-1:2005?

A: The particular requirements for travel adaptors are covered under separate standard which is under development.

Q 14: As the Amendment no. 1 to IS 1293:2019 is under draft stage, manufacturer of plugs used in our products should immediately apply for Scheme – I (ISI Mark Scheme) as per new standard IS 1293:2019 without waiting for publishing of Amendment–1 or should wait for the publishing of Amendment-1 to IS 1293:2019 then apply for ISI Mark Scheme as per new standard IS 1293:2019 + Amendment–1?

A: The manufacturer of product as per IS 1293 may apply for BIS Licence as per their requirements of QCO. In either case, he is required to ensure compliance to the Standard with the Amendment (as and when published) before the time line of QCO i.e 1 Dec 2020.

Q 15: Does those 'Plugs-Sockets' require BIS registration which is having either plugs as per European/Chinese style and sockets as per Indian style or vice-versa?

A: As per Plugs and Socket-Outlets QCO order, plugs and socket outlets shall meet all the requirements as per IS 1293.

Q 16: We have 3 types of Power supplies used in products like Servers and Storage products,
1) AC Input Power supply
2) AC / DC – 277V AC / 380V DC Input power supply
3) -48V DC Input Power supply

While the First one it uses the normal AC Power cord (C14 to IS 1293 Plug) and we have BIS Certified power cord. For the second and Third type of power supply it does not make use of any standard power cord, and they use Jumper type of cable to connect from the power supply to the DC Source available in the data centre. The clarification required is what kind of marking /Certification is required for these cable/connectors? If the cable / connector is UL certified is that enough to mention in the report.

A: If the size of cord/cable according to current rating of host product is required 0.5 mm² or above, it shall be complying of mandatory certification of IS 694 or IS 9968-1 irrespective of AC or DC supply. The connector may be used with compliance of National/International standards such IEC, UL etc.

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