

Information to Industry regarding implementation of IS 1293

IS 1293 के अनुपालन के संबंध में उद्योग को जानकारी

IS 1293: 2005 for Plugs and Socket-outlets for Household and Similar Purposes of Rated Voltage up to and Including 250 V and Rated Current up to and Including 16 A is under BIS Certification with more than 350 Licences.

250 वोल्ट तक के वोल्टेज और 16 एम्पीयर तक के करंट वाले घरेलू एवं इसी तरह के प्रयोजनों हेतु प्लगों और सॉकेट-आउटलेटों के लिए आईएस 1293: 2005 है, इसके अंतर्गत 350 से अधिक बीआईएस प्रमाणन लाइसेंस हैं।

This Standard was revised in 2019 and published as IS 1293: 2019. At present both 2005 and 2019 versions of IS 1293 are valid. They will remain valid till 23rd October 2021 after which 2005 version will be withdrawn and 2019 version shall remain in force.

यह मानक 2019 में पुनरीक्षित किया गया था और आईएस 1293: 2019 के रूप में प्रकाशित किया गया था। वर्तमान में, आईएस 1293 के 2005 और 2019 दोनों संस्करण वैध हैं। ये दोनों दिनांक 23 अक्टूबर 2021 तक वैध रहेंगे, तत्पश्चात् 2005 संस्करण वापिस लिया जाएगा और 2019 संस्करण प्रभावी रहेगा।

In December 2019, DPIIT notified Plugs and Socket-outlets as per IS 1293 for mandatory certification by BIS. This Quality Control Order is in effect from 01. 12. 2020.

दिसम्बर 2019 में, डीपीआईआईटी ने बीआईएस द्वारा अनिवार्य प्रमाणन हेतु आईएस 1293 के अनुसार प्लगों एवं सॉकेट-आउटलेटों को अधिसूचित किया था। यह गुणता नियंत्रण आदेश दिनांक 01.12.2020 से प्रभावी है।

In view of the concerns raised by the Industry with respect to the coverage of products under the Standard and the QCO, a meeting was held with all stakeholders including Industry Associations. Based on the outcome of the meeting and feedback from the industry, this information is being published for clarity on coverage of products under IS 1293.

मानकों के अंतर्गत उत्पादों की कवरेज तथा क्यूसीओ के संबंध में उद्योग द्वारा उठाए गए मामलों को देखते हुए उद्योग संघों सहित सभी स्टैकहोल्डरों के साथ एक बैठक आयोजित की गई थी। इस बैठक के परिणामों तथा उद्योग से प्राप्त फीडबैक के आधार पर यह जानकारी आईएस 1293 के तहत उत्पादों की कवरेज पर स्पष्टता हेतु प्रकाशित की जा रही है।

The following Table 1 gives a list of Plugs and socket-outlets of different ratings and configurations that are covered in IS 1293: 2005 and IS 1293: 2019 versions and the varieties that are under discussion to be included in the Standard.

Table 1: Plugs and socket outlets covered in IS 1293

IS 1293: 2005 with 5 Amendments (valid upto 23.10.2021)	IS 1293: 2019	Amendment 1 to IS 1293: 2019 Implemented w.e.f 16.12.2020	Amendment 2 to IS 1293: 2019 – under discussion (varieties to be added)
2.5 A/2P (non-rewireable plugs only)	2.5 A/2P (non-rewireable plugs only)		
6 A/ 2P (Plugs only)	6 A/ 2P	6 A/ 2P (non-rewireable plugs only)	
6 A/2P+E	-	6A/2P+E	
10 A/2P+E	-	-	10 A/2P (non-rewireable plugs only) 10 A/2P+E
16A/2P+E	16A/2P+E	16 A/ 2P (non-rewireable plugs only)	
6/16 A or 10/16 A (Combined socket-outlets only)	6/16 A (Combined socket-outlets only)	6/16 A (Combined socket-outlets only) (explicitly added in Table 2)	6/16 A or 10/16 A (Combined socket-outlets only)

**all configurations are in round pins only*

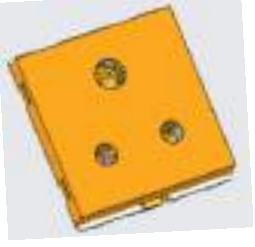




**2P (non-rewireable plugs) configuration for class II appliances only.*





Any variety of Plug or Socket-outlet as per the ratings and configurations above are covered in the Standard and certification for the same shall be obtained from BIS. As on date manufacturers can opt for Licence as per either 2005 or 2019 version depending on the varieties manufactured by him.




At present, varieties like 2P, 16 A are not covered in either of the two versions of IS 1293. But it has been brought under 2019 version through Amendment 1. Amendment 1 has been recently notified, and now Licensees can get this included in the scope of their Licence.

Table 2 below gives a list of different varieties with clarification on their coverage under the scope of IS 1293.

Table 2

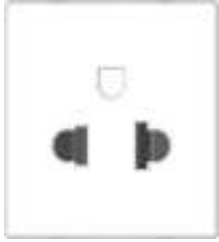



Sr. No.	Ref. image	Product Description & Rating	IS 1293 :2005	IS 1293 :2019	Remarks
1		6A, 3Pin Socket (2P+E)	Included in Scope	Included in Scope	
2		6/16A Socket (2P+E)	Included in Scope	Included in Scope	
3		6A & 16A Plugs (2P+E)	Included in Scope	Included in Scope	
4		Multistandard Socket	Not Included in the scope	Not Included in the scope	Not covered in the standard. The technical committee is under process to explore the possibility whether technical specification/ Indian standard can be formulated for the same or not.
5		6A, 5pin Universal Socket	Not Included in the scope	Not Included in the scope	Not covered in the standard. The technical committee is under process to explore the possibility whether technical specification/ Indian standard can be formulated for the same or not.

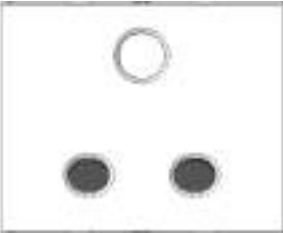
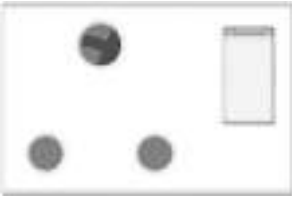
Sr. No.	Ref. image	Product Description & Rating	IS 1293 :2005	IS 1293 :2019	Remarks
6		5pin Round type Socket	Not Included in the scope	Not Included in the scope	Already deleted from the scope of IS 1293: 2019.
7		25A Socket, 10A/ 25A Socket	Not Included in the scope	Not Included in the scope	As per IS 1293: 2019, the requirements for 25 A rated accessories are under consideration.
8		25A Plug (2P+E)	Not Included in the scope	Not Included in the scope	As per IS 1293: 2019, the requirements for 25 A rated accessories are under consideration.
9		Shaver Socket	Not Included in the scope	Not Included in the scope	Not covered in the standard. The technical committee will explore the possibility whether technical specification/ Indian standard can be formulated for the same or not.

Sr. No.	Ref. image	Product Description & Rating	IS 1293 :2005	IS 1293 :2019	Remarks
10		<p>Multiple Portable Socket Outlet (Cord Extension set with Multi Standard or Universal Sockets with & without USB)</p>	<p>Not Included in the scope</p>	<p>Not Included in the scope</p>	<p>IS 1293 applies to plugs and portable socket-outlets incorporated in cord extension sets. Particular requirements of the whole product is covered under separate standard which is under preparation.</p>
11		<p>10A, 16A plug for Class II Appliances</p>	<p>10A rating Included in the scope 16A rating is Included as 2P + </p>	<p>10 A rating not included</p>	<p>2P (non-rewireable plugs only)/ 3P 10 A- will be included through amendment no 2 which is under preparation and may take 8-10 months to get printed. 2P/16A (non-rewirable plugs only)- has already been included through amendment no 1 which has been notified. 2P+dummy earth pins for 6 & 16A, has already been discussed by the technical committee and it was decided not to include it in the standard.</p>

Sr. No.	Ref. image	Product Description & Rating	IS 1293 :2005	IS 1293 :2019	Remarks
12		3-Pin Universal Socket (2P+E)	Not Included in the scope	Not Included in the scope	Not covered in the standard. The technical committee is under process to explore the possibility whether technical specification/ Indian standard can be formulated for the same or not.
13		Adaptors (Travel/Portable) 6A 2-PIN & 3PIN Adaptor 6/16A Multi socket Adaptor Multi standard 2pin/3pin Adaptors	Not Included in the scope	Not Included in the scope	The particular requirements for adaptors are covered under separate standard, which is under preparation
14		16A 2-pin Euro US socket	Not Included in the scope	Not Included in the scope	Not covered in the standard. The technical committee will explore the possibility whether technical specification/ Indian standard can be formulated for the same or not.
15		2-pin socket round	Not Included in the scope	Not Included in the scope	Not covered in the standard. The technical committee will explore the possibility whether technical specification/ Indian standard can be formulated for the same or not.

Sr. No.	Ref. image	Product Description & Rating	IS 1293 :2005	IS 1293 :2019	Remarks
16		2.5 & 6A Plug portable (Rewirable)	6A plug is included	Not Included in the scope	2P/2.5 A- only non-rewireable plugs are permitted as per both versions. 2P/6 A - only non-rewireable plugs are allowed as per 2019 version + amendment 1.
17		2.5 & 6A Plug portable (Non Rewirable)	Included in the scope	Included in the scope	
18		2.5 & 6A Socket 2 Pin portable	Not Included in the scope	Not Included in the scope	Not covered in the standard. The technical committee will explore the possibility whether technical specification/ Indian standard can be formulated for the same or not.
19		PRCD (Protection from residual current device) Shock safe Plug	Not Included in the scope	Not Included in the scope	Not covered in the standard. The technical committee will explore the possibility whether technical specification/ Indian standard can be formulated for the same or not.
20		PRCD (Protection from residual current device) Shock safe Adaptor	Not Included in the scope	Not Included in the scope	Not covered in the standard. The technical committee will explore the possibility whether technical specification/ Indian standard can be formulated for the same or not.

Sr. No.	Ref. image	Product Description & Rating	IS 1293 :2005	IS 1293 :2019	Remarks
21		16A 3 pin Euro US Socket	Not Included in the scope	Not Included in the scope	Not covered in the standard. The technical committee will explore the possibility whether technical specification/ Indian standard can be formulated for the same or not.
22		Shaver Socket	Not Included in the scope	Not Included in the scope	Not covered in the standard. The technical committee will explore the possibility whether technical specification/ Indian standard can be formulated for the same or not.
23		Shaver Socket	Not Included in the scope	Not Included in the scope	Not covered in the standard. The technical committee will explore the possibility whether technical specification/ Indian standard can be formulated for the same or not.
24		13A 3 pin (2P +E) BS Socket	Not Included in the scope	Not Included in the scope	Not covered in the standard. The technical committee will explore the possibility whether technical specification/ Indian standard can be formulated for the same or not.

Sr. No.	Ref. image	Product Description & Rating	IS 1293 :2005	IS 1293 :2019	Remarks
25		6A,2/3 pin socket (Round pin)	Not Included in the scope	Not Included in the scope	2P/6A sockets are not covered and will not be included in the standard. 16.5 mm pitch distance for 2.5 A plugs and socket-outlets has already been phased out from 31st December 2011. (refer amendment no. 5 to IS 1293: 2005). No subsequent changes in the pitch dimensions made in the revised IS 1293.
26		16A Switched Socket	Not Included in the scope	Included in the scope	