



भारतीय मानक ब्यूरो

(उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय, भारत सरकार)

BUREAU OF INDIAN STANDARDS

(Ministry of Consumer Affairs, Food & Public Distribution, Govt. of India)

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Review Document

Basic Details

1.	Sectional Committee No. & Title:	TED 11 - Automotive Electrical Equipment and Instruments
2.	IS No :	IS 7827 : Part 3 : Sec 2 : 1985
3.	Title :	Specification for electrical wind screen wiper: Part 3 wiper arms and blades section 2 wiper blades
4.	Date of Previous Review:	January, 2021

Review Analysis

5.1 Status of standard(s), if any from which assistance had been drawn in the formulation of this IS.

S.No.	Standard (No.)	Standard (Title)	Whether the standard has since been revised	Major changes	Action proposed
1	JIS D 5710:1969	wiper blades and wiper arms for automobiles	Yes	In this revision, ISO 9258 Passenger cars- Wiper systems-Wiper blade length. ISO 9259 Passenger cars-Windscreen wiper systems -Wiper arm- to-blade connections and ISO 9704 Passenger cars-Wiper systems- Shaft ends and arm-holes are basically employed.	The requirement of wiper arm to blade connections may be included in the standard

5.2 Status of standard referred in the IS.

S.No.	Referred standards (No.)	Referred standards (Title)	Since revised IS no. of the corresponding IS	Changes in the referred Standards since last review of IS	Changes in the referred standard which are affecting the standard under review	Action proposed
1	IS 7827 (Part 1) : 1975	Specification for electrical wind screen wipers: Part 1 wiper system	Nil	NA	NA	NA
2	IS 1884:1981	Automotive vehicles - Electric horns - Specification	IS 1884:1993	Test method of corrosion Resistance Test	Test method of corrosion Resistance Test	Appendix C of IS 1884:1981 to be replaced by C1 10 of IS 1884:1993
3	IS 9000 Part 2/Sec 3- 1977	Basic environmental testing procedures for electronic and electrical items: Part 2 cold test	IS/IEC 60068-2-1 : 2007	Withdrawn	Test Method of Cold Test	IS 9000 Part 2/Sec 3- 1977 to be replaced by IS/IEC 60068-2-1 : 2007
4	IS: 2106 (Part 16): 1971	Environmental tests for electronic and electrical equipment : Part 16 - Vibration test	IS 9000 : Part 8: 1981	Withdrawn	Test Method of Vibration Test	IS: 2106 (Part 16): 1971 to be replaced by IS 9000 : Part 8: 1981

5.3 Any other standards available related to the subject & scope of the standard being reviewed (International/regional/other national/association/consortia, etc or of new or revision of existing Indian Standard).

S.No.	Standard (No.)	Standard (Title)	Provisions that could be relevant while reviewing the IS	Action proposed
1	JIS D 5710:1969	wiper blades and wiper arms for automobiles	The requirement of wiper arm to blade connections may be included in the standard	The requirement given at 3 may be adopted

5.4 Technical comments on the standard received, if any.

S.No.	Source	Clause of IS	Comment	Action proposed
No entry made in this table				

5.5 Information available on relevant technical developments

S.No.	Source	Development	Relevant clause of the IS under review that is likely to be impacted (Clause & IS No.)	Action proposed
1	Research Papers	wiper arm to blade connections	New Requirement	This requirement may be included in the standard

5.6 Issues arising out of changes in any related IS or due to formulation of new Indian Standard.

S.No.	Related IS (revised or new)	Related IS Title	Provision in the IS under review that would be impacted & the clause no. or addition of new clause/provision	Changes that may be necessary in the Standards under review	Action proposed
1	IS 9000 : Part 2 : Sec 1 to 4-1977	Basic environmental testing procedures for electronic and electrical items: Part 2 cold test	This standard is withdrawn and reference of new standard to be updated	IS 9000 Part 2/Sec 3-1977 to be replaced by IS/IEC 60068-2-1 : 2007	IS 9000 Part 2/Sec 3-1977 to be replaced by IS/IEC 60068-2-1 : 2007

5.7 Any consequential changes to be considered in other IS.

S.No.	Related IS to get impacted	Related IS Title	Requirements to be impacted
No entry made in this table			

Other Details

6.	Any other observation:	Nil
7.	Upload Supporting Document(s)	
7.1 ARP Report	67_14859_231130051702_ARP_Report.docx	
7.2 Draft Document	67_14859_231130051718_Draft_Document.docx	
8.	Recommendations - On the basis of the analysis of the info available as mentioned above consideration of sectional committee is solicited on the following aspects of the IS under review:	<div style="border: 1px solid black; padding: 5px;"> 1. The requirement of wiper arm to blade connections may be included in the standard 2. The requirement of Lateral angular movement and Rotational movement may be included in the standard </div>