



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)

मानक भवन, 9 बहादुरशाह जफर मार्ग नई, दिल्ली-110002

Manak Bhavan, 9 Bahadur Shah Zafar Marg, New Delhi-110002

Phones: 23230131 / 23233375 / 23239402

Website: www.bis.org.in, www.bis.gov.in

Review Document

Basic Details

1.	Sectional Committee No. & Title:	TED 14 - Aircraft, Space Vehicles, Air Cargo Handling and Aircraft Electrical Equipment
2.	IS No :	IS 10237 : 1982
3.	Title :	Specification for DC motors for aircraft
4.	Date of Previous Review:	March, 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	BS : 2G-146	Specification for d.c. motors for aircraft	66th Edition, February 18, 2020	No	None
2	IS 8946:1978	General requirements for Rotating Electrical Machinery for Aircraft	Reaffirmed 2021	No	None

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 7854:1975	Voltages and frequency for aircraft electrical systems	The Referred Standard has not been revised ever since	the reference standard has been withdrawn		no action is proposed
2	IS 4728:1975	Specification for terminal marking and direction of rotating electrical machinery	The Referred Standard has not been revised ever since	the reference standard has been withdrawn		The IS no. and title of standard does not match.
3	IS 8946:1978	General requirements for rotating electrical machinery for aircraft	The Referred Standard has not been revised ever since			no action is proposed
4	IS 7855 : 1975	Aircraft - Declaration of design and performance for aircraft equipment - Standard form	IS 7855 : 2011 (First Revision) This standard was first published in 1975 based on ISO/R 224 : 1961. The first revision of this standard has been undertaken with a view to bring it in line with the latest version of ISO/TR 224 : 1998	The reference standard has adopted following ISO/TR 224 : 1998		Reference should be changed to IS 7855 : 1975
5	IS 196:1966	Atmospheric conditions for testing (Revised)	The Referred Standard has not been revised ever since	the reference standard includes 1 amendment		no action is proposed
6	IS 8252 : Part 2:1980	Environmental tests for aircraft equipment: Part 2 temperature, pressure and humidity	The Referred Standard has not been revised ever since			no action is proposed
7	IS 8252 : Part 6:1976	Environmental tests for aircraft equipment: Part 6 waterproofness	The Referred Standard has not been revised ever since			no action is proposed
8	IS 8252 : Part 10:1979	Environmental tests for aircraft equipment: Part 10 salt mist	The Referred Standard has not been revised ever since			no action is proposed
9	IS 8252 : Part 18:1979	Environmental tests for aircraft equipment: Part 18 magnetic influence (First Revision)	IS 8252 : Part 18:1986 First Revision	No		Reference should be changed to IS 8252 : Part 18:1986

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	N/A	N/A		none

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
No entry made in this table				

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
No entry made in this table					

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:	
7.	Upload Supporting Document(s)	

7.1 ARP Report	ARP Review Analysis of IS 10237.docx
7.2 Draft Document	No Document Uploaded

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:	The standard IS 10237-1982 is reviewed and found in order, no major changes is recommended except referral standards revised versions/withdrawn may be incorporated if approved, otherwise this standard may be re-affirmed as it is.
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