



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:	PCD 13 - Rubber And Rubber Products
2.	IS No :	IS 447 : 1988
3.	Title :	Specification for rubber hose for welding (Fourth Revision)
4.	Date of Previous Review:	April, 2018

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	nil	na	na	na	na

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
No entry made in this table						

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	ISO 3821 :2019 (Gas welding equipment and Rubber hoses for welding, cutting and allied processes)		- Cl.1 Scope. - Cl. 2 Normative references. - Cl. 6 Hose designation. - Cl. 7 Materials. - CL.9 Requirements and type - Cl.10 Hose colour and gas identification	Adoption of ISO standard may be considered.

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	Following additional performance requirements/Type test (1) Flexibility at ambient temperature (2) Low temperature flexibility (3) Protection against incandescent and hot surfaces (4) Ozone resistance are added in the corresponding ISO standard.	Cl. 3.4 of IS 447:1988	Cl. 9.2.5, Cl. 9.2.6, Cl. 9.2.7 and Cl. 9.2.8 may be adopted from ISO 3821:2019.

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	69_11137_230115120811_ARP_Report.docx
7.2 Draft Document	69_11137_230115120811_Draft_Document.pdf
8.	<p>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:</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin-left: 20px;"> IS 447: 1988 may be revised and harmonized with ISO3821 :2019. </div>