



Our Ref: PCD 13/T

17 January 2024

Subject: Finalized Draft Indian Standards for Approval, Docs: PCD 13 (21620) F, PCD 13 (21822) F, PCD 13 (21838) F, PCD 13 (21656) F, PCD 13 (22201) F, PCD 13 (22202) F & PCD 13 (22204) F — reg.

Dr. Anjan Ray Sir,

This is to bring to your notice that following draft Indian Standards have been finalized by Rubber and Rubber Sectional Committee, PCD 13 during its 34th meeting held on 14 July 2023, virtually by WebEx. The approval of Dr. Siby Varghese, Chairperson PCD 13 has also been received via mail dated 15 January 2024:

Doc. No	Title
PCD13 (21620)F	Sheet rubber jointing and rubber insertion jointing — Specification (<i>Third Revision of IS 638</i>)
PCD13 (21822)F	Wire reinforced rubber hose for sand and gravel suction and discharge services — — Specification (<i>First Revision of IS 13071</i>)
PCD13 (21838)F	Oil and solvent resistant hose of rubber — Specification (<i>Fourth Revision of IS 635</i>)
PCD13 (21656)F	Hot water hose of rubber — Specification (<i>Third Revision of IS 5821</i>)
PCD13 (22201)F	Rubber tubings for general purposes — Specification (<i>Third Revision of IS 637</i>)
PCD13 (22202)F	Rubber hose for chemicals — Specification (<i>second revision of IS 7654</i>)
PCD13 (22204)F	Rubber hydraulic hose with textile reinforcement — Specification (<i>First Revision of IS 10660</i>)


The approval of Chairperson PCD 13, relevant pages of the 34th meeting and finalized draft Indian Standards are enclosed for your kind perusal.

As per BIS Rules, the finalized Indian Standards have to be approved by the Chairman of the Division Council before printing. Accordingly, the draft Indian Standards are being submitted for your approval on behalf of PCDC.

The proforma for adoption of these finalized Draft Indian Standards are enclosed for recording your kind approval.

With kind regards,

Yours sincerely,


(Meenal Passi)
Sc 'F' & Head (PCD)

Encl: as above

Dr. Anjan Ray,
I-1784, Second Floor,
Chittaranjan Park, New Delhi - 110019

PROFORMA FOR ADOPTION OF DRAFT STANDARDS

BUREAU OF INDIAN STANDARDS

Subject: Approval of Finalized Draft Indian Standards

Doc. No	Title
PCD13 (21620)F	Sheet rubber jointing and rubber insertion jointing — Specification (<i>Third Revision of IS 638</i>)
PCD13 (21822)F	Wire reinforced rubber hose for sand and gravel suction and discharge services — Specification (<i>First Revision of IS 13071</i>)
PCD13 (21838)F	Oil and solvent resistant hose of rubber — Specification (<i>Fourth Revision of IS 635</i>)
PCD13 (21656)F	Hot water hose of rubber — Specification (<i>Third Revision of IS 5821</i>)
PCD13 (22201)F	Rubber tubings for general purposes — Specification (<i>Third Revision of IS 637</i>)
PCD13 (22202)F	Rubber hose for chemicals — Specification (<i>Second Revision of IS 7654</i>)
PCD13 (22204)F	Rubber hydraulic hose with textile reinforcement — Specification (<i>First Revision of IS 10660</i>)

In accordance with Clause (5) of Rule 22 of BIS Rules 2018, I enclose a copy of the draft Indian Standards mentioned above finalized by the Rubber and Rubber Products Sectional Committee, PCD 13 in the light of comments received from important producers, consumers, technologists, members of Petroleum, Coal and related products Division Council (PCDC).

It is requested that this note and its enclosure(s) may be returned to this office as early as possible recording your approval of the drafts as Indian Standards.

Encl.: As above.

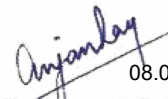
Chairman, PCDC

BIS U.O. No. PCD 13/T dated 17 January 2024




Meenal Passi
Sc-F & Head (PCD)

APPROVED



08.02.2024

(Chairman, Division Council)

	भारतीय मानक ब्यूरो BUREAU OF INDIAN STANDARDS	
	(PETROLEUM, COAL & RELATED PRODUCTS DEPTT.)	
MINUTES		
Rubber and Rubber Products Sectional Committee, PCD 13		34th Meeting
DATE & TIME	Friday, 1000 h, 14 July 2023	
VENUE	Indian Rubber Manufacturers Research Association (IRMRA) 254/1 B, Rd Number 16U, Wagle Industrial Estate, Thane West, Maharashtra 400604	
CHAIRMAN	Dr. Siby Varghese, Rubber Research Institute of India, Rubber Board	
MEMBER SECRETARY	Shri Rajat Gupta, Scientist 'B'/ Assistant Director (PCD), BIS E-mail: pcd13@bis.gov.in ; pcd@bis.gov.in	

ITEM 1 OPENING OF THE MEETING

1.1 Welcome by Bureau of Indian Standards

On behalf of Bureau of Indian Standards, Shri Rajat Gupta, Sc-B (PCD) welcomed Dr. Siby Varghese, Chairman, PCD 13 and all the members present. He requested the members to actively participate in the deliberations.

1.2 Opening Remarks by Dr. Sawar Dhanania, Chairman, Rubber Board

Dr. Sawar Dhanania, Chairman, Rubber Board welcomed all the members and expressed his heartfelt gratitude to be a part of 34th meeting of PCD 13. He also informed the members that Rubber is the future in terms of technological advancements and requested members to be actively involved in standards formulation activity for Rubber.

1.3 Opening Remarks by the Chairman, PCD 13

Dr. Siby Varghese, Chairman, PCD 13 welcomed all the members of the Committee. He requested the members for their active participation for formulation of new standards and revision of existing Indian Standards for the benefit of consumers.

ITEM 2 CONFIRMATION OF THE MINUTES OF THE 33rd MEETING

2.1 The Committee CONSIDERED Item 2.1 of the Agenda that no comments have been received on the Minutes of the 33rd meeting of PCD 13 and CONFIRMED the Minutes as circulated.

<p>Rubber <i>Specs for HTT-D:</i> <i>Acetone Extract : max 11.5%</i> <i>Mooney Viscosity: 50 +/- 15 or 20 else range of 40-65 MV</i> <i>Tensile Strength: min 9.5 Mpa</i> <i>Packaging: 10 Kg Sheet / Bale</i> 6) <i>Apollo Tyres have accepted TDP (HTT-D) as a sustainable material for use in tyres and it also contributes to their sustainability targets. Please find enclosed the Press release regarding the same.</i> <i>We request you to please let us know the procedure for incorporating the standards for Devulcanized Rubber in the BIS Standards and further documents which are to be submitted from our end.</i></p>	
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8.2 Doc. No. : PCD 13 (21620) C Specification for sheet rubber jointing and rubber insertion jointing (Third Revision of IS 638)

The Committee considered Item 8.2 of the Agenda and NOTED that there are no comments on the Wide Circulation draft. After deliberations, the Committee DECIDED to finalize the document for printing.

8.3 Doc. No. : PCD 13 (21656) C Specification for hot water hose of rubber (Third Revision of IS 5821)

The Committee considered Item 8.3 of the Agenda. The Committee deliberated on the following comments received from Sh. C Jayachandran, ARDL India and decided as follows:

S No.	Clause / Sub-clause No.	Paragraph No./ Figure No./ Table No.	Type of Comment	Decision of the Committee in 34th meeting
1	4.1.2, 4.3.3	1	Editorial	The Committee DISAGREED to the proposed changes as all the safety parameters is already covered in the standard.
Proposed Change/Modified Wordings			The denier of fabric and compound specific gravity Thickness will determine the	

	weight of unit length of hose. controlling weight is also essential. (Observation only)	The Committee further DECIDED to finalize the document for printing without any changes.
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8.4 Doc. No. : PCD 13 (21822) C Specification for rubber hose wire reinforced for sand and gravel suction and discharge services (First revision of IS 13071)

The Committee considered Item 8.4 of the Agenda and NOTED that there are no comments on the Wide Circulation draft. After deliberations, the Committee DECIDED to finalize the document for printing.

8.5 Doc. No. : PCD 13 (21838) C Specification for oil and solvent resistant hose of rubber (Fourth Revision of IS 635)

The Committee considered Item 8.5 of the Agenda and NOTED that there are no comments on the Wide Circulation draft. After deliberations, the Committee DECIDED to finalize the document for printing.

8.6 Doc. No. : PCD 13 (22201) C Rubber Tubings for general Purposes Specification (Third Revision IS 637)

The Committee considered Item 8.6 of the Agenda and NOTED that there are no comments on the Wide Circulation draft. After deliberations, the Committee DECIDED to finalize the document for printing.

8.7 Doc. No. : PCD 13 (22202) C Rubber Hose for Chemicals Specification (second revision of IS 7654)

The Committee considered Item 8.7 of the Agenda and NOTED that there are no comments on the Wide Circulation draft. After deliberations, the Committee DECIDED to finalize the document for printing.

8.8 Doc. No. : PCD 13 (22204) C Rubber Hydraulic Hose with textile Reinforcement Specification (first revision of IS 10660)

The Committee considered Item 8.8 of the Agenda and NOTED that there are no comments on the Wide Circulation draft. After deliberations, the Committee DECIDED to finalize the document for printing.

ITEM 9 ISSUES ARISING OUT OF PREVIOUS MEETINGS