



	भारतीय मानक ब्यूरो BUREAU OF INDIAN STANDARDS
	(PETROLEUM, COAL & RELATED PRODUCTS DEPARTMENT)
MINUTES	
22 February 2024, Tuesday, 1430 - 1800 h	
Petroleum and their Related Products of Synthetic or Biological or Natural Origin Sectional Committee	51st Meeting
Chairperson: Dr. Harender Singh Bisht, Director, CSIR - IIP	Member Secretary: Ms. Kreeti Das

ITEM 0 WELCOME AND INTRODUCTORY REMARKS

0.1 Welcome by BIS

Smt. Meenal Passi, Head, PCD, welcomed all members to the 51st meeting of PCD 03. She congratulated Dr. Harender Singh Bisht for his first meeting as PCD 3 Chair and requested for his continuous guidance related to activities of PCD 03. She stated that this meeting is very important as several important issues will be tabled for discussion and requested everyone to work collaboratively to achieve solutions.

0.2 Opening Remarks by the Chairperson

Dr. Harender Singh Bisht, Chairman PCD 03, welcomed all members to the meeting. He informed the committee that this is his first PCD 03 meeting and he is looking forward to a cohesive environment with focus on consumer welfare and improvement of standards. As Chairperson, he will consider views of all members and take decisions targeted towards development of the country and achievement of visions of Govt. of India.

0.3 The attendance of the meeting is given in **Annex I**.

ITEM 1 CONFIRMATION OF THE MINUTES OF THE 50th MEETING OF PCD 03




The minutes of the 50th meeting of PCD 03, held in hybrid mode on 2 August 2023, was circulated to all members through BIS portal and email on 29 August 2023. Committee **DELIBERATED** on the comments received from Shri Ramaprabhu (M&M) and **DECIDED** as follows:

- Committee **ACCEPTED** the change recommended by M&M on the item "Reference E5, Reference E10 gasoline fuels and Reference B7 diesel" in MoM of 50th meeting
- For comment on item 3.3, sl.no. 1, Page 7 of MoM of 50th meeting, the Committee **NOTED** that PCD 3:1/P6 has already met and agreed on the wording to be used and **DECIDED** that the wording recommended by PCD 3:1/P6 to be incorporated in PCD 03 (19658)WC2
- For comment on item 3.3, sl.no. 2, Page 7 of MoM of 50th meeting, the Committee **NOTED** that SIAM's viewpoint has been recorded in MoM of 38th meeting of PCD 3:1 held on 13 Feb 2024 and the same will be discussed in today's meeting.


In view of above, the Committee **DIRECTED** BIS to circulate the revised MoM for 50th meeting, after changing as per (a) above, and **CONFIRMED** the rest of the minutes, as circulated.



2.2 Draft Standards/Amendments for Finalization

Sl. No.	Indian Standard/Document Number	Recommendation of Subcommittee
i.	<p>PCD 03(24139) WC</p> <p>First Revision of IS 11489: 1985</p> <p>Specification for heavy petroleum stock (Hps)</p>	<ul style="list-style-type: none"> The Subcommittee DELIBERATED on the comments received on WC and decision on comments are attached:  Collated%20Comments_PCD%2003(2413) The Subcommittee RECOMMENDED to finalize the standard for printing after verification of the F-draft by Convenor PCD 3:1 and Chairperson PCD 3. <p>COMMITTEE DECISION: The Committee ENDORSED the recommendation of PCD 3:1</p>
ii.	<p>PCD 03(22730)WC</p> <p>Fourth Revision of IS 1593 : 2018</p> <p>Fuel Oils - Specification</p>	<ul style="list-style-type: none"> The Subcommittee DELIBERATED on the comments received on WC document and decision on comments are attached:  Collated%20Comments_PCD%2003(2273) For comment related to sulphur content, the Subcommittee RECOMMENDED BIS to see the mentioned notification and accordingly put up for discussion in next meeting <p>COMMITTEE DECISION: The Committee ENDORSED the recommendation of PCD 3:1</p>
iii.	<p>PCD 03 (19658)WC2</p> <p>Seventh Revision of IS 1460 : 2017</p> <p>Automotive Diesel Fuel – Specification</p>	<ul style="list-style-type: none"> The Subcommittee DELIBERATED on the comments received on 2nd WC and decision on comments are attached:  Collated%20Comments_PCD%2003(1965) OMCs have requested to reconsider marking clause, the matter needs to be referred to MoPNG for marking guidelines With respect to inclusion of winter grade table for diesel, the Subcommittee RECOMMENDED that the specifications provided by IOCL need further discussion, hence to be drafted as an amendment. The Subcommittee RECOMMENDED to finalize the current document without inclusion of the table for winter grade diesel. Draft amendment with winter grade table and revised marking clause to be circulated into WC for 1 month. <p>COMMITTEE DECISION: The Committee ENDORSED the recommendation of PCD 3:1</p>



iv.	<p>PCD 03 (22875)WC</p> <p>Amendment – 2 to IS 17021 : 2018</p> <p>E 20 fuel - Admixture of anhydrous ethanol and gasoline - As fuel for spark ignited engine powered vehicles - Specification</p>	<ul style="list-style-type: none"> The Subcommittee DELIBERATED on the comments received on the document and decision on comments are attached:  Collated%20Comments_PCD%2003(2287) The Subcommittee RECOMMENDED to remove ASTM D5501 and for IS 1448 (Part 181) and ASTM D4815, a note to be given that pre-dilution of sample is required. Amendment to be finalized with above changes. Further, the Subcommittee RECOMMENDED, the test method Working group to take up study on ASTM D5501 and recommend to Subcommittee. As representatives from Mahindra and Ultra Plus Lubricants brought to the attention of the committee that test kits are available for testing of ethanol in gasoline through very simple and accurate method, the Subcommittee REQUESTED test method Working Group to call the representatives from Mahindra and Ultra Plus Lubricants to demonstrate test kit and provide feedback to PCD 3:1. <p>COMMITTEE DECISION: The Committee <i>ENDORSED</i> the recommendation of PCD 3:1</p>
v.	<p>PCD3(17838)P</p> <p>Automotive fuels — Paraffinic diesel fuel from synthesis or hydrotreatment — Specification</p>	<ul style="list-style-type: none"> The Subcommittee NOTED the minutes of panel meeting and AGREED with publication of the document, aligned with EN 15940, as a provisional standard for a period of 2 years. In that duration, panel to coordinate the validation study of paraffinic diesel involving IIP, OMCs, ICAT, ARAI, and OEMs. <p>COMMITTEE DECISION: The Committee <i>ENDORSED</i> the recommendation of PCD 3:1</p>

2.3 Draft Standards/Amendments for Approval for Wide Circulation

Sl. No.	Indian Standard/Document Number	Recommendation of Subcommittee
1.	<p>PCD 03 (23286)</p> <p>Amendment – 5 to IS 2796 : 2017</p> <p>Motor gasoline - Specification</p>	<ul style="list-style-type: none"> The Subcommittee REVIEWED the draft amendment attached with agenda and DELIBERATED that having two grades regular and premium with no apparent distinction between these grades except RON (which is anyways being increased to 95), is confusing to consumers. Hence, there should be only two grades – RON 91 and RON 95 for unblended or blended gasoline. It was also DELIBERATED that even though MoPNG has directed BIS to retain RON 91 for E10 EBMG considering constraint of sustainable availability of ethanol across the




COMMITTEE DECISION: The Committee **DECIDED** to retain Goa Carbon as nominations have been received from them; Committee **DECIDED** to retain the The Solvent Extractors' Association of India, being an important organization for this subject; Committee **DECIDED** to retain FIPI as nominations have been received and **DECIDED** to withdraw Indian Paints Association.

Item 2 ACTIVITIES OF AROMATIC HYDROCARBONS, PETROLEUM SOLVENTS AND PRESERVATIVES SUBCOMMITTEE, PCD 3:2

2.1 The Subcommittee **NOTED** the list of Indian Standards published under PCD 3:2 as given in Annex II of agenda.

2.2 Revision/Amendment of Indian Standards


Sl. No.	Indian Standard	Recommendation of Subcommittee
vi.	PCD 03(19709)WC2 Third revision of IS 537 : 2011 Toluene – Specification	<ul style="list-style-type: none"> The Subcommittee DELIBERATED on the comments received on 2nd WC and decision on comments are attached:  PCD%203_2%20decision%20on%20PCD%2003(19709)WC2.docx As no major changes have been made to the document as a result of the comments received on 2nd WC, the Subcommittee RECOMMENDED to finalize the standard for printing after verification of the F-draft by Convenor PCD 3:2 and Chair PCD 3. <p>COMMITTEE DECISION: The Committee ENDORSED the recommendation of PCD 3:2</p>
vii.	IS 1745 : 2018 Petroleum hydrocarbon solvents - Specification Third Revision	<ul style="list-style-type: none"> Dr. Jhala informed that the panel has met twice to discuss on factors that may be used as indicators to differentiate between the various fractions (MTO, PCK, SKO) of petroleum solvent and some ideas, like colour and aromatic content, have been suggested. Convenor remarked that the problem statement of differentiation between various fractions of petroleum solvent was brought to BIS by customs department to enable them to differentiate imports. As PCK is not imported and handled between OMCs, the panel needs to come up with factors that essentially differentiate MTO and SKO. Dr. Jhala noted the remarks of Convenor and confirmed that the panel will provide their observations by 10 Feb 2024. <p>COMMITTEE DECISION: Dr. Jhala (IOCL) informed that the panel has started getting data on 95% recover and aromatic content but data is differing between IOCL, BPCL, and HPCL. The Committee DECIDED to give an extension in timeline for the study to differentiate between the various fractions (MTO, PCK, SKO) of petroleum solvent, till end of March 2024, and REQUESTED Chair PCD 03 to check if IIP can contribute in the study.</p>



3.2 Draft Standards/Amendments for Finalization

Sl. No.	Indian Standard	Recommendation of Subcommittee
i.	IS 15127 : 2002/ISO 13686 : 1998 Natural gas — Quality designation	<ul style="list-style-type: none"> The Subcommittee NOTED that ISO 13686 : 2013 has been adopted and sent for printing. <p>COMMITTEE DECISION: The Committee NOTED.</p>

3.3 Draft Standards/Amendments for Approval for Wide Circulation

Sl. No.	Document Number	Recommendation of Subcommittee
i.	PCD 03 (23073)WC 20 percent Dimethyl ether (DME) blended liquefied petroleum gas (LPG) – Specification	<ul style="list-style-type: none"> The Subcommittee DISCUSSED the comments received on WC document and RECOMMENDED as given in attached document:  Collated%20Comments_PCD%2003(2307) The Subcommittee RECOMMENDED to finalize the document for printing as the comments on WC document were resolved with consensus. <p>COMMITTEE DECISION: The Committee ENDORSED the recommendation of PCD 3:5 and DIRECTED BIS to communicate the publication of this standard to Niti Aayog.</p>

3.4 Comments on Indian Standards

Sl. No.	Indian Standard	Recommendation of Subcommittee
2.	IS 16087 : 2016 Biogas (Biomethane) — Specification (first revision)	<ul style="list-style-type: none"> The Subcommittee REVIEWED the draft amendment prepared by BIS and AGREED for the value of 95% for methane and 5% for CO₂ + N₂ + O₂ The recommended change for total sulphur content to match with piped natural gas distribution network specification of PNGRB was also agreed upon. However, there were concerns from Reliance regarding the proposed value of max 0.2% for oxygen and GAIL representative mentioned that he will confirm from his organization the justification for proposed oxygen value.