	भारतीय मानक ब्यूरो BUREAU OF INDIAN STANDARDS
	(PETROLEUM, COAL & RELATED PRODUCTS DEPARTMENT)
AGENDA	
2 August 2024, Friday, 1330 - 1700 h	
Petroleum and their Related Products of Synthetic or Biological or Natural Origin Sectional Committee	52nd Meeting
Chairperson: Dr. Harender Singh Bisht, Director, CSIR - IIP	Member Secretary: Ms. Kreeti Das
Meeting Information	
Meeting mode: Virtual Meeting link: https://bismanak.webex.com/bismanak/j.php?MTID=m7b67762828ef76993e7f3a63ae38c631 Meeting number: 2518 179 0166 Password: Pcd3#52	

ITEM 0 WELCOME AND INTRODUCTORY REMARKS

- 0.1 Welcome by BIS
- 0.2 Opening Remarks by the Chairperson

ITEM 1 CONFIRMATION OF THE MINUTES OF THE 51st MEETING OF PCD 03

The minutes of the 51st meeting of PCD 03, held in hybrid mode on 22 February 2024, was circulated to all members through BIS portal and email on 14 March 2024. No comments received on the minutes.

*The Committee may **CONFIRM** the minutes, as circulated.*

ITEM 2 TITLE, SCOPE AND COMPOSITION OF PCD 03

- 2.1 The title of the Committee is given below:

TITLE - Petroleum and their Related Products of Synthetic or Biological or Natural Origin Sectional Committee

*The Committee may **NOTE**.*

- 2.2 a) The scope of the Committee is given below:

SCOPE – “To formulate Indian Standards for terminology; petroleum, petroleum products, biofuels (liquid and gas), fuels and e-fuels produced through synthesis route, specification for natural gas, hydrogen and other renewable fuels, diesel exhaust fluids and codes of practice for storage, handling, transport and application.”

*The Committee may **NOTE**.*



b) LIAISON with ISO Committees

- ISO/TC 28 Petroleum and related products, fuels and lubricants from natural or synthetic sources (so far as it concerns its own scope)
- ISO/TC 28/SC 4 Classifications and specifications
- ISO/TC 28/SC 7 Liquid biofuels
- ISO/TC 193 Natural gas
- ISO/TC 255 Biogas

The Committee may **NOTE**.

c) LIAISON with BIS Technical Committees

- TED 02 Automotive prime mover, transmission system and internal combustion engines Sectional Committee
- PCD 01 Methods of Sampling and Test for Petroleum, its Products, Gaseous Fuels and Lubricants Sectional Committee
- PCD 25 Lubricants and their related products Sectional Committee
- CHD 06 Industrial Gases Sectional Committee.

The Committee may **NOTE**.

2.3 Composition of PCD 03

2.3.1 The present composition of PCD 03 is given in **Annex I**.

The Committee may NOTE.

2.3.2 A panel for review of composition of PCD 03 was created consisting of following members:

- a) Dr Harender Singh Bisht, Director, CSIR-IIP, & Chairperson PCD 03 - Convenor
- b) Dr Y.P.Rao, Convenor, PCD3:1;
- c) Shri V Nanda Kumar, Convenor, PCD3:2, and
- d) Dr M.O.Garg, Convenor, PCD3:5

The panel met virtually on 14 May 2024 and recommended the following changes:

I. Recommendation for PCD 3:

i. Co-option Requests:

- **FIPI, New Delhi:** Organization was removed due to non-participation. Fresh nomination received and organization confirmed participation in future meetings and committee work. Hence, the panel recommended for co-option of the organization in PCD 3.
- **M/s India Carbon Ltd.:** Organization's interest is limited to PET coke standard IS 17049. Hence, the panel recommended NOT to co-opt the organization in PCD 3.
- **PNGRB:** Considering relevance of the organization to gaseous fuels and that it is already a member in PCD 3:5, the panel recommended NOT to co-opt in PCD 3.
- **Yantra Fintech:** Considering that the organization is a biodiesel manufacturer and exporter and BDAI is already a member of PCD 3, the panel recommended NOT to co-opt in PCD 3 as percentage of industry is already exceeding the recommended 1/3rd limit.
- **Indian National Shipowners' Association:** The panel recommended to co-opt the organization in PCD 3:1 and NOT in PCD 3



- **Nutzen Engineering Solutions LLP:** The panel recommended to co-opt the organization in PCD 3:5 and NOT in PCD 3

II. Recommendation for PCD 3:1 Automotive, Aviation and Industrial Fuels Subcommittee

- i. Co-options:
 - **Indian National Shipowners' Association**
 - **Hyundai Motors**
 - **IIT Roorkee** (relevant contact to be provided by Shri V Nanda Kumar)
 - **IIT Kanpur** (relevant contact to be provided by Dr. Y P Rao)
- ii. Withdrawals:
 - **CIMAC India, Faridabad**
 - **IIT Delhi**
 - **Indian Sugar Mills Association, New Delhi**
 - **RDSO, Lucknow**

III. Recommendation for PCD 3:5 Gaseous Fuels Subcommittee

- i. Co-options:
 - **Nutzen Engineering Solutions LLP**
 - **Maruti Suzuki India Ltd.**

*The Committee may **CONSIDER**.*

ITEM 3 REFORMS IN STANDARDIZATION

Committee Efficiency Index Parameters:

- a) **Participation in Meetings:** Less than 50% attendance in meeting by organizations (not attending two consecutive meetings) may result in withdrawal of the organization from Committee. Only the principal and/or the alternate members nominated from the organization should attend the meetings to record attendance.
- b) **Comment on P-drafts:** It is mandatory for Committee members to comment on P-drafts as it is solely for the review of Committee. The members may agree to the draft/provide comments/mention that the subject does not relate to their area of expertise. However, members must provide their input on P-drafts on BIS portal.
- c) **Comment on Drafts/Standards:** Comments on drafts under development and published standards are to be given through BIS portal only.

*The Committee may **NOTE**.*

ITEM 4 ACTIVITIES OF PCD 03

4.1 The program of work and list of standards published under PCD 03 are given in **Annex II**.






Annex II.pdf

The Committee may **NOTE**



4.2 Details of Subcommittee Meetings

Details of Subcommittee	Date of the meeting	Minutes
39 th Meeting of PCD 03:1 Automotive, Aviation, and Industrial Fuels Subcommittee	29 July 2024, 1100 – 1600 h	 Minutes%2039th%20Meeting_Finalized.c
23 rd Meeting of PCD 03:2 Aromatic Hydrocarbons, Petroleum Solvents and Preservatives Subcommittee	11 June 2024, 1000 – 1200 h	 Minutes%2023rd%20Meeting_Draft.docx
32 nd Meeting of PCD 03:5 Gaseous Fuels Subcommittee	24 July 2024, 1400 – 1600 h	 Minutes%2032nd%20meeting_Draft.docx

*The Committee may **CONSIDER** and **ENDORSE** the recommendations of the Subcommittees.*

4.3 Revision/Reaffirmation of Standards Due for Review

Sl. No.	Indian Standard	Due Date	Current Status
1.	IS 11254 : 2009 Code of practice for dispensation of aviation fuel and allied products	April 2024	<ul style="list-style-type: none"> In last meeting of aviation fuel panel, it was deliberated that this standard needs revision and the panel will prepare the revised draft. <i>The Committee may CONSIDER reaffirming the standard with revision.</i>

ITEM 5 INTERNATIONAL ACTIVITY

5.1 P Membership and Participation

5.1.1 ISO/TC 28, ISO/TC 28/SC 4, ISO/TC 28/SC 7 and WGs

It is proposed to have a joint meeting between PCD 1, 3, and 25 in the week of 12 – 16 August to review the current registrations in ISO/TC 28, its SCs and WGs, deliberate changes required, and decide on the Indian delegation for upcoming ISO/TC 28 meeting.

The Committee may **NOTE**

5.1.2 8th Plenary Meeting of ISO/TC 255 – 10 to 12 September 2024 (Hybrid)

The 8th plenary meeting of ISO/TC 255 and its WGs are scheduled from 10 to 12 September 2024 in Hai Dian Qu, China. Draft agenda is attached:



ISO-TC

255_N160_First anno

Please refer to item **4.2.1** in the minutes of 32nd meeting of PCD 3:5. The Committee may **CONSIDER** the following delegation for participation in the meetings of ISO/TC 255 in virtual mode:

Sl. No.	Meeting	Delegates
i.	ISO/TC 255/WG 1 Terms, definitions and classification scheme for the production, conditioning and utilization of biogas 11 Sep 2024 (4:30 pm – 5:30 pm IST)	Shri Debasis Sarma, Reliance – Expert Kreeti Das, Member Secretary, PCD 3 – Document Monitor
ii.	ISO/TC 255/WG 4 Safety and environmental aspects & ISO/TC 255/WG 6 Biomass gasification Joint meeting – 11 Sep 2024 (5:30 pm – 7:30 pm IST)	Shri Debasis Sarma, Reliance – Expert Kreeti Das, Member Secretary, PCD 3 – Document Monitor
iii.	ISO/TC 255 Biogas 11 Sep 2024 (7:30 pm – 8:30 pm IST)	Shri Debasis Sarma, Reliance – Committee Member Kreeti Das, Member Secretary, PCD 3 – Committee Member Head, PCD – Committee Member
iv.	ISO/TC 255 Biogas 12 Sep 2024 (3:30 pm – 11:00 pm IST)	Shri Debasis Sarma, Reliance – Committee Member Kreeti Das, Member Secretary, PCD 3 – Committee Member Head, PCD – Committee Member

ITEM 6 ANY OTHER BUSINESS**ITEM 7 ANNUAL MEETING CALENDAR**

The annual meeting calendar of PCD 03 is proposed as under:

Sl. No.	Sectional Committee / Subcommittee	Dates	Venue
1	PCD 03, PCD 03:1, PCD 03:2, PCD 03:5	10 – 14 June 2024 Held between Jul-Aug 2024	Hybrid (Delhi)
2	PCD 03, PCD 03:1, PCD 03:2, PCD 03:5	9 – 20 December 2024	Hybrid (Delhi)

*The Committee may **CONSIDER**.*

ITEM 8 VOTE OF THANKS



Annex I

**Composition of PCD 03 Petroleum and their Related Products of Synthetic or Biological or Natural Origin
Details of Last Three Meetings**

No. of Meeting	Date	Place
49 th	3 May 2023	Hybrid
50 th	2 August 2023	Hybrid
51 st	22 February 2024	Hybrid

Sl. No.	Organization	Member Name	Member Email	Member Designation	Role	50 th	51 st	Total
1.	CSIR - Indian Institute of Petroleum, Dehradun	Dr. Harender Singh	director@iip.res.in	Director	Chairperson	-	-	-
2.	Ashok Leyland Limited, Chennai	Mr. Balakrishnan D	Balakrishnan.D2@ashokleyland.com	Vice President	Alternate Member	Y	Y	2/2
		Mr. Mahesh P	Mahesh.P@ashokleyland.com	Vice President	Principal Member			
		Shri Muthukumar N	muthukumar.n@ashokleyland.com	DGM - Regulations & Homologation	Young Professional			



3.	Association of State Road Transport Undertakings, New Delhi	Capt. V V Ratnaparkhi	ed.asrtu@gmail.com	Executive Director	Principal Member	Y	Y	2/2
		Shri R R K Kishore	dt.asrtu@gmail.com	Director (Technical)	Alternate Member			
4.	Automotive Research Association of India, Pune	Shri M A Bawase	bawase.aml@araiindia.com	General Manager	Principal Member	N	N	0/2
		Shri M I Jamadar	jamadar.edl@araiindia.com	Dy. General Manager	Alternate Member			
		Debjyoti Bandyopadhyay	bandyopadhyay.pt@araiindia.com	Engineer	Young Professional			
5.	Bajaj Auto Limited, Pune	Shri Yogesh. R. Mahajan	yrmahajan@bajajauto.co.in		Principal Member	Y	Y	2/2
		Shri Ramesh Goykar	rgoykar@bajajauto.co.in	Manager	Alternate Member			
6.	Bharat Petroleum Corporation Limited, Mumbai	Shri R Subramanian	subramanianr@bharatpetroleum.in		Principal Member	Y	N	1/2
		Shri C Shanmuganathan	shanmuganathanc@bharatpetroleum.in		Alternate Member			
7.	Bio Diesel Association of India, Mumbai	Shri N. S. Balamukundan	president@bdai.org.in	President	Principal Member	Y	N	1/2
		Shri Sanjeev Gupta	sanjeev.gupta@aemetis.com		Alternate Member			



8.	Biogas Forum India, New Delhi	Nomination awaited			Principal Member	-	-	-
9.	Bosch Limited, Bengaluru	Dr. Venkatesh R	venkatesh.r@in.bosch.com	Manager	Principal Member	Y	N	1/2
10.	CSIR - Indian Institute of Petroleum, Dehradun	Dr. Anil Kumar Sinha	asinha@iip.res.in	Chief Scientist	Principal Member	Y	Y	2/2
		Dr. Thallada Bhaskar	tbhaskar@iip.res.in		Alternate Member			
11.	Centre for High Technology, New Delhi	Shri Rajesh Agarwal	ed.cht@cht.gov.in	Executive Director	Principal Member	Y	Y	2/2
		Shri Shekar Kulkarni	kulkarni@cht.gov.in	Additional Director	Alternate Member			
12.	Centre for Science and Environment, New Delhi	Ms Anumita Roychowdhury	Anumita@cseindia.org	Executive Director,	Principal Member	Y	Y	2/2
		Shri Vivek Chattopadhyaya	vivek@cseindia.org	Senior Programme	Alternate Member			
13.	Chennai Petroleum Corporation Limited, Chennai	Shri Abdul Kareem	kareem@cpcl.co.in	DGM (QC)	Principal Member	Y	N	1/2
14.	Consumer Guidance Society of India, Mumbai	Dr. Sitaram Dixit	sitaram.dixit@gmail.com, cgsibom@gmail.com	Chairman	Principal Member	Y	N	1/2
		Dr. M. S. Kamath	dr.m.s.kamath@gmail.com	General Secretary	Alternate Member			



15.	DRDO - Centre for Military Airworthiness and Certification, Bengaluru	Shri R. Shanmugavel	r.shanmugavel@cemilac.drdo.in		Principal Member	Y	N	1/2
		R Kamalakannan	r.kamalakannan@cemilac.drdo.in	Group Director (AT & FOL)	Alternate Member			
16.	Directorate General of Aeronautical Quality Assurance, New Delhi	SH Santosh Namdeo	dirppfol.dgaqa@nic.in, ssoi117-dgaqa@gov.in	JOINT DIRECTOR DGAQA MINISTRY OF DEFENCE	Principal Member	Y	N	1/2
17.	Directorate General of Civil Aviation, New Delhi	Shri Rakesh Kumar	rakeshkumar.dgca@nic.in		Principal Member	Y	Y	2/2
		Shri Amit Gupta	amit.dgca@nic.in		Alternate Member			
		Shri Dharmendra Singh Yadav	dsyadav.dgca@nic.in		Alternate Member			
18.	Directorate General of Quality Assurance, Ministry of Defence, Kanpur	Dr. O P Singh	omprakash.singh75@gov.in	Principal Scientific Officer	Principal Member	N	Y	1/2
		Shri Vikin Jain	vikin.jain2630@gov.in	SSO - II	Alternate Member			
19.	Gulf Oil Lubricants India Limited, Mumbai	Shri K Swaminathan Iyer	swaminathan@gulfoil.co.in	Sr. General Manager - Technical Services	Principal Member	N	N	0/2



		Shri M.P.Sajeev	mp.sajeev@gulfoilltd.com	Vice President - Global Technology	Alternate Member			
		Shri Jencen Mathai	jencen.arivannoor.ch@gulfoil.co.in	Manager - Global Technology	Alternate Member			
20.	Hero Motocorp Limited, New Delhi	Shri Feroz Ali Khan	Feroz.khan@heromotocorp.com		Principal Member	Y	Y	2/2
		Shri Rakesh Sharma	rakesh.sharma@heromotocorp.com		Alternate Member			
21.	Hindustan Petroleum Corporation Limited, Mumbai	Shri Elecheran Kumar	ekumar@hpcl.in		Principal Member			
		Shri S N Sheshachala	shesha@hpcl.in	CGM R&D	Alternate Member	Y	Y	2/2
		Shri Shitanshu Pati Tripathi	shitanshupatripathi@hpcl.in	Chief Manager - Quality Control	Alternate Member			
22.	Indian Biogas Association	Dr. A R Shukla	shuklaar@yahoo.com	President	Principal Member	N	Y	1/2
23.	Indian Oil Corporation Limited, New Delhi	Shri Manish Malhan	mmalhan@indianoil.in	Dy. General Manager (Quality Control)	Alternate Member	Y	Y	2/2
		Shri A. S. Krishnamoorthy	krishnamoorthyas@indianoil.in	Senior Manager (QC)	Alternate Member			



		Shri R K Kaushik Singha	Kaushik_singha@indianoil.in	Chief General Manager	Principal Member			
		Dr. Y S Jhala	JHALAYS@INDIANOIL.IN	Chief Quality Control Manager (Head of Department)	Alternate Member			
24.	Indian Oil Corporation (R and D Centre), Faridabad	Dr Ajay Kumar Arora	aroraak1@indianoil.in	General Manager, Fuels and Additive Department	Principal Member	Y	Y	2/2
25.	Lubrizol India Limited, Mumbai	Shri Anand Redkar	anand.redkar@lubrizol.com		Principal Member	Y	N	1/2
26.	Mahindra and Mahindra Limited, Mumbai	Shri R. Ramaprabhu	r.ramaprabhu@mahindra.com	Sr Principal Engineer – Fluid Technology	Principal Member	Y	Y	2/2
		Shri T Karuppasamy	Thangaraj.karuppasamy@mahindra.com	Lead Engineer - Homologation	Alternate Member			
27.	Mangalore Refinery and Petro Chemical Limited, Mangalore	Shri Sudheer Pai M	sudheerpai@mrpl.co.in	Chief General Manager Process Engineering	Principal Member	N	Y	1/2
		Shri Yogeeshha	yogeeshha@mrpl.co.in	Chief Manager – Quality Control Laboratory	Alternate Member			
28.	Maruti Udyog Limited, Gurugram	Shri Ajay Kumar	Kumar.Ajay@maruti.co.in	General Manager	Principal Member	Y	Y	2/2



		Shri Gururaj Ravi	gururaj.ravi@maruti.co.in	Vice President – Global Regulatory Affairs & Policy	Alternate Member			
29.	Ministry of Petroleum and Natural Gas, New Delhi	Shri Manish Sarda	sarda.mm@nic.in		Principal Member	Y	Y	2/2
		Shri Rajesh Manocha	manocha.rajesh@gov.in		Alternate Member			
30.	Nayara Energy Limited, Mumbai	Shri Pratik Shah	pratik.shah@nayaraenergy.com		Principal Member	Y	Y	2/2
		Shri Milan Vasoya	milan.vasoya@nayaraenergy.com		Alternate Member			
31.	Oil and Natural Gas Corporation Limited, New Delhi	Shri Gour Mohan Dass	das_gm@ongc.co.in	Group General Manger-Chief Labs	Principal Member	Y	Y	2/2
		Smt. Leena John	leena_john@ongc.co.in	General Manager	Alternate Member			
		Dr. Devkishan Chhimpa	chhimpa_devkishan@ongc.co.in	Chief Chemist	Alternate Member			
32.	Reliance India Limited, Mumbai	Shri Balasubramanian K	Balasubramanian.kuppuswamy@ril.com	Vice President	Principal Member	Y	Y	2/2
		Shri Pramod mall	pramod.mall@ril.com	Vice President	Alternate Member			



33.	Society of Indian Automobile Manufacturers (SIAM), Delhi	Shri Prashant Kumar Banerjee	pkbanerjee@siam.in	Executive Director	Principal Member	Y	Y	2/2
		Dr. Sandeep Garg	sgarg@siam.in	Dy. Executive Director	Alternate Member			
		Shri Diwit Prajapati	diwit@siam.in		Alternate Member			
34.	TVS Motor Company Limited, Hosur	Shri Manish Gopal	manish@tvs motor.com	DGM (Material science Group – R&D)	Principal Member	N	Y	1/2
		Shri M S Anandkumar	ms.anandkumar@tvsmotor.com	General Manager (R&D)	Alternate Member			
		Shri N Arun	arun.n@tvs motor.com	Senior Manager	Alternate Member			
35.	Tata Motors Limited, Pune	Shri Sethuramalingam Tyagarajan	t.sethu@tatamotors.com	General Manager, Engine Design & Development	Principal Member	Y	Y	2/2
		Shri Gowrishankar P. S.	p.gowrishankar@tatamotors.com	General Manager	Alternate Member			
36.	In Personal Capacity	Dr Y. P. Rao	yprao2012@gmail.com	Chairman	Personal Capacity	Y	Y	2/2