

# COMPOSITION

**PETROLEUM, COAL AND RELATED PRODUCTS DEPARTMENT  
(PCD)**

**(AS ON 1 November 2018)**



**BUREAU OF INDIAN STANDARDS  
MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG  
NEW DELHI – 110 002**

**SCOPE AND COMPOSITION OF PETROLEUM, COAL AND RELATED  
PRODUCTSDIVISION COUNCIL**

**SCOPE:** Standardization in the field of petroleum, lubricants, biofuels, solid mineral fuels, gaseous fuels, bitumen, coal tar, organic chemicals, dye-intermediates, plastics (including adhesives, composite sand safety of toys), rubber, cosmetics, fragrance & flavour ingredients and sports goods.

**CHAIRMAN: Dr.R.K. Malhotra, Director General, FIPI**

<b>Sl No.</b>	<b>Organization Represented</b>	<b>Represented By Principal/Alternate</b>	<b>Interest</b>
1.	Indian Oil Corpn. Ltd. (R&DCentre), Faridabad	Dr. S.S.V Ramakumar Dr. S.K. Majumdar	T
2.	All India Plastics Industries Association, Delhi	Sh. Ravi Kumar Aggarwal	I
3.	Automotive Tyre Mfrs's Association (ATMA), NewDelhi	Sh.Rajiv Budhraja Sh. Vinay Vijayvargia	I
4.	Bharat Petroleum Corpn. Ltd, (Marketing Division) Mumbai	Sh. Debashis Ganguli	I
5.	Central Institute of Mining and Fuel Research, Dhanbad	Sh. Pradeep K Singh	T
6.	Central Road Research Institute, Delhi	Sh. M.N. Nagabhushana Ms. Ambica Behl	T
7.	Central Institute of Plastics Engineering and Technology (CIPET), Chennai	Dr. S. K. Nayak Dr.Vijay Kumar(Alternate)	T
8.	Centre for High Technology, NewDelhi	Sh. Brijesh Kumar Sh. Sushobhan Sarkar, Advisor Technical	T
9.	Coal India Ltd., Kolkata	Sh. N. K. Biswas Sh. K.M. Bhattacharya (Alternate)	I
10.	Consumer Guidance Society of India, Mumbai	Dr.M. S. Kamat Shri Sitaram Dixit (Alternate)	C

11.	Directorate General of Health Services, New Delhi	DCGIDy. Drugs Controller (Alternate)	O
12.	Essential Oil Association of India, Delhi	Sh Yogesh Dubey	I
13.	Fragrance and Flavors Association of India, New Delhi	President Vice President (Alternate)	I
14.	Gulf Oil India Ltd., Mumbai	Dr. Y.P. Rao Sh. Girish Jange	I
15.	Hindustan Unilever Ltd., Mumbai	Dr. A. Sivakumar	I
16.	Hindustan Petroleum Corporation Ltd., Mumbai	Dr. A. K. Jain Sh. C. Sunny	I
17.	Indian Beauty and Hygiene Association (IBHA), Mumbai	Ms. Malathi Narayanan	I
18.	Indian Chemical Council, Mumbai	Fresh Nomination awaited	I
19.	Indian Rubber Manufacturers Research Association, Mumbai	Director, IRMRA	I
20.	Indian Institute of Packaging, Mumbai	Sh. N. C. Saha Ms. M. C. Dordi (Alternate)	T
21.	Indian Institute of Petroleum, Dehradun	Dr. Anjan Ray	T
22.	Indian Institute of Toxicological Research, Lucknow	Director	T
23.	Indian Oil Corporation Ltd (Refinery and Pipelines), New Delhi	Sh. S.M. Vaidya Shri Brij Behari (Alternate)	I
24.	Jubilant Organosys Ltd, Noida	Ms. Ishrat Sultana	I
25.	Lubrizol India Ltd, Mumbai	Sh. Anand Redkar Sh. Dushyant Gupta (Alternate)	I
26.	Ministry of Commerce & Industry, Dept. Of Industrial Policy & Promotional, New Delhi	Industrial Advisor Sh. N. C. Tiwari (Alternate)	O

27.	Directorate of Standardization, Ministry of Defence, New Delhi	Sh. C. B. Pandey	O
28.	Ministry of Coal, NewDelhi	Sh. S. Choudhuri	O
29.	MoEF&CC, NewDelhi	Sh. Sharat Kumar Pallerla Sh. E.Thiruna vukkarasu	O
30.	Ministry of MSME, NewDelhi	Nominations awaited	O
31.	Ministry of Petroleum and Natural Gas, NewDelhi	Dr Archana Sh. S. Mathur Sh. P. K. Singh(Alternate)	O
32.	Ministry of Road and Surface Transport, Delhi	FreshNominations awaited	O
33.	Reliance Industries Limited, Mumbai	Sh.Ajay Shah Sh. Raju Venkat	I
34.	Research Designs and Development Organization	Addl. Executive Director(Rubber), (Alternate)	U
35.	Shriram Institute for Industrial Research,Delhi	Dr P. K. Kaicker Smt Laxmi Rawat (Alternate)	L
36.	Society of Indian Automobile Manufacturers, (SIAM) NewDelhi	Sh. P K Banerjee Sh. Atanu Ganguli (Alternate)	I
37.	The Rubber Board, Kottayam	Sh. N. Rajagopal Director (PP&D)	T
38.	Toy Association of India (TAI), NewDelhi	President Secretary(Alternate)	I
39.	Biodiesel Association of India, Mumbai	President	I
40.	Ministry of New and Renewable Energy, New Delhi	Sh. S. K. Jagwani Dr Vasantha Thakur	O
41.	Gas authority of India Ltd (GAIL), Delhi	Dr Debasish Roy Sh Manish Khandelwal (Alternate)	I
42.	Steel authority of India Limited (SAIL), Durgapur	Nominations awaited	U

43.	Director General of Mines Safety(DGMS), Ministry of Labor and Employment	Sh.Deo Kumar Director Mines Safety Sh. Paful Ranjan Thakur Dy director (DMRS)	U
44.	All India Rubber Industry Association, Mumbai	Sh. Srikanth Krishnamurthy Sh. Amlesh Roy	I
45.	Gujarat Dyes Manufacture Association	Nominations awaited	I
46.	National Thermal Power Cooperation (NTPC), Delhi	Nominations awaited	U
47.	Sports Goods Export Promotion Council (SGEPC), Delhi	Sh. Tarun Dewan	O
48.	Plastindia Foundation, Mumbai	Dr. Mihir Benerjee Dr.E.Sundaresan	I

*Abbreviations: I-Industry- Govt./Official, T-R&DInstitutions,L-Testinglaboratories, C-Consumerorganization,U-User,E- Expert(Individualcapacity)*

**PCD 01 METHODS OF SAMPLING AND TEST FOR PETROLEUM, ITS PRODUCTS,  
GASEOUS FUELS AND LUBRICANTS SECTIONAL COMMITTEE**

**Scope**

- a) To formulate Indian Standards for Methods for Sampling and test for Petroleum products, Lubricants, gaseous fuel, liquid bio-fuels, fuels produced through synthesis route and their related Products.
- b) To organize correlation schemes for evaluating the accuracy and the performance of fuel and lubricant testing engines

**Chairman-** Dr Anjan Ray, Director, Indian Institute of Petroleum (IIP), Dehradun

<b>Sl. No</b>	<b>Name of Organization</b>	<b>Represented By Principal/Alternate</b>	<b>Interest</b>
1.	Indian Institute of Petroleum (IIP), Dehradun	<i>(Nomination Awaited)</i>	T
2.	Bharat Petroleum Corporation Ltd. (BPCL), Mumbai	Shri A. RAJENDIRAN (Shri M. K. Shevade)	U
3.	Lubrizol India Ltd., Mumbai	Shri R. R. Parmar (Dr. V. S. Rao)	U
4.	National Test House, Kolkata	Shri K. C. Naskar (Shri P. K. Chakraborty)	L
5.	All India Instrument Manufacturers and Dealers Association, Mumbai	Prof G M Rao	I
6.	Hindustan Petroleum Corporation Ltd. (HPCL), Mumbai	Shri Sunny C.M (Shri S. W. Khadilkar)	U
7.	Indian Oil Corporation Ltd. (IOCL), (Refineries & Pipelines Division) New Delhi	Dr. Ram Janam (Dr. Ashutosh Mishra)	U
8.	Indian Oil Corporation Ltd. (IOCL), (Marketing Division), Mumbai	Shri P D Dusane (Shri G.K.Sharma)	U
9	Central Revenue Control Lab., (Department of Revenue) New Delhi	Dr. Y. K. S. Rathore	O
10.	Ministry of Railways (RDSO), Lucknow	Shri A. K. Sabharwal (Dr. K. Konar)	U
11.	Ministry of Defence (DGQA), New Delhi	Sh. C.B. Pandey Sh. A.K. Kanaujia	U
12.	Air Headquarters (Ministry of Defence), New Delhi	Wg Cmdr SA Tawab	U
13.	Chennai Petroleum Corporation Ltd. (CPCL), Chennai	Shri S Kumar Shri H Ramakrishnan	U
14.	Indian Oil Corporation Ltd., (R&D Centre), Faridabad	Dr. S.K.Majumdar Mr V Kagdiyal	T
15.	Castrol India Ltd Mumbai	Shri T. Sethuramalingam (Shri Raman Rai)	U

16.	Mangalore Refinery & Petro-Chemical Ltd, Mangalore	Shri Shalina Kumar (Shri S. Chiranjeevulu)	U
17.	Central Institute of Mining & Fuel Research, Dhanbad, (CIMFR)	Shri S. R. K. Rao, (Shri S. Dutta) (Shri P.K.Singh)	T
18.	Shriram Institute for Industrial Research, New Delhi	Dr. P. K. Kaicker (Dr. (Mrs) Luxmi Rawat)	L
19.	Reliance Industries Limited, Mumbai	Shri Devpal Singh Rana (Pradeep Kumar)	U
20.	Elico Marketing Pvt. Ltd., Hyderabad	Shri T. V. Shiva K. Rao Shri N. Raju Shri Vamsi Rudraraju	I
21.	Essar Group, Mumbai	Shri Pradeep S. Prabhu (Shri Amar Kumar)	U
22.	Gulf Oil Corporation Ltd., Silvasa	Ms Indu M Gupta (Shri Sanjay Kumar)	U
23.	Bharat Oman Refineries Ltd. (BORL), Bina	Shri B. Sridhar (Shri A.P. Raghav)	U
24.	HPCL – Mittal Energy Ltd. (HMEL), Noida	Satyabrata Bandyopadhyay Narendra Kumar Gupta	U
25.	Central Forensic Science Laboratory, Chandigarh	Nomination Awaited	O
26	GAIL (India) Ltd.	Shri R. K. Kashyap	U
27	Petroleum and Natural Gas Regulatory Board (PNGRB)	Shri Anil Meghani, Dy. Advisor Shri Noor Khan, Dy. Director (NK),	
28	Oil and Natural Gas Corporation (ONGC) Ltd. Director Exploration	Shri J K Srivastava	O
29	Indraprastha Gas Limited (IGL)	<i>Nomination Awaited</i>	U
30	Oil India Limited	Shri B C Datta	U
31	Numaligarh Refineries	Shri Sobhan Konwar Shri Anjan Kalita,	U
32	CIPET, Bhuwaneshwar	Dr. Smita Mohanty	T
33	PCRA	Shri Surendra Pratap Shri M.P. Bangwal	O

***Abbreviations used :- Industry, O- Govt./Official, T- R&D Institutions, L- Testing laboratories***

***C- Consumer organization, U- User, E- Expert (Individual capacity)***

**PCD 03 PETROLEUM PRODUCTS AND RELATED PRODUCTS OF SYNTHETIC  
OR BIOLOGICAL ORIGIN SECTIONAL COMMITTEE**

**Scope**

To formulate Indian Standards for terminology; petroleum, petroleum products, gaseous fuel, liquid bio-fuels, fuels produced through synthesis route and their codes of practice for storage, handling, transport and applications.

**Chairman:** Prof L.M. Das, IIT, Delhi

<b>Sl No</b>	<b>Organization</b>	<b>Representative(s) Principal/(Alternative)</b>	<b>Interest</b>
1	Ashok Leyland Ltd, Chennai	Shri. Ravi M. Shri. Arun S.	C
2	Association of State Road Transport Undertaking (ASRTU), Pune	Shri Anand Rao	C
3	Bajaj Auto Ltd, Pune	Shri K. Rajan Shri Girish S Kodollikar	C
4	Bharat Oman Refineries Lid, Sagar, MP	Shri Anand Pratap Raghav Shri B. Sridhar	I
5	Bharat Petroleum Corporation Ltd, Mumbai	Shri Debashis Ganguli Shri V Suresh	I
6	Centre for Consumer Education, Research, Teaching, Training and Testing (CONCERT), Chennai	Shri K. Krishnakumar Shri M. Somasundaram	C
7	Centre for High Technology, New Delhi	Shri Brijesh Kumar Shri Sushobhan Sarkar	O
8	Centre for Science and Environment (CSE), New Delhi	Shri Anumita Roychowdhury Shri Vivek Chattopadhyaya	C
9	Chennai Petroleum Corporation Ltd. (CPCL), Chennai	Shri S. Kumar Shri H. Ramakrishnan	I
10	Central Pollution Control Board, (Ministry of Environment & Forests), New Delhi	Shri Dinabandhu Gouda	O
11	Centre for Air Military Worthiness, (CEMLIAC), Bangalore	Dr Shirish S Kale Shri R. Shanmugavel	O
12	Petroleum and Explosives Safety Organization, Nagpur	Dr. S.K.Dixit Shri Ninad Gawade	O
13	Consumer Guidance Society of India, Mumbai	Dr. Sitaram Dixit Dr M S Kamath	C
14	Directorate General of Civil Aviation, New Delhi	Shri Amit Gupta Shri Dharmendra SinghYadav Shri Rakesh Kumar	C & O



15	Essar Oils, Mumbai	Shri Shyama S Maji Shri Dhaval Doshi	I
16	Gulf Oil Lubricants India Ltd, Mumbai	Dr Y.P. Rao (Ms Indu M Gupta )	I
17	Hero Motocorp Ltd, Gurgaon	Shri Ajay Gupta  Shri Ashok Kataria	C
18	Hindustan Petroleum Corporation Ltd, Mumbai	Shri A K Jain Shri Sunny C.M	I
19	Indian Institute of Petroleum, Dehradun	Dr Anjan Ray Dr T. Bhaskar	T
20	Indian Oil Corporation Ltd, (R&D Centre), Faridabad	Mr.Reji Mathai Mr V Kagdiyal	T
21	Indian Oil Corporation Ltd., (Refineries), New Delhi	Shri. J. Agarwalla Dr. Y S Jhala	I
22	Lubrizol India Ltd, Mumbai	Shri Anand Redkar	I
23	Mahindra & Mahindra Ltd., Nasik	Shri R.Ramaprabhu	C
24	Mangalore Refinery & Petro-Chemical Ltd, Mangalore	Shri V.Nanda Kumar Shri Salina Kumar	I
25	Maruti Udyog Ltd, Gurgaon	Shri Shailender Sharma Shri Vikram Khanna	C
26	Ministry of Petroleum and Natural Gas, New Delhi	Representative	O
27	Ministry of Railways (RDSO), Lucknow	-do-	C
28	Ministry of Road Transport & Highways, New Delhi	-do-	C
29	Bosch Ltd., Bengaluru	Shri A. Fredrick Shri D. Ramaraju	I
30	Petroleum Conservation Research Association	Shri Surendra Pratap Shri M P Bangwal	O
31	Reliance Industries Limited, Mumbai	Shri Subir K Chattopadhyay Shri Ravishankar V Desai	I
32	Society of Indian Automobile Manufacturers, New Delhi	Shri P K Banerjee Shri Atanu Ganguli	C
33	Tata Motors Ltd., Pune	Shri. T. Sethuramalingam Shri P.B. Dakhole Shri S.B. Gudekar	C
34	The Automotive Research Association of India (ARAI), Pune	Shri M A Bawase  Dr S S Thipse	C

35	TVS Motor Company Ltd, Hosur, Tamil Nadu	Shri S. Ajith Kumar	C
37	Afton Chemicals, Mumbai	Shri Harshad Jambaulikar Shri Jeenal Patel	I
38	Honda Cars, Noida, UP	Shri Tarun Bhat Shri N.S.Talib,	C
39	General Motors, Maharashtra	Shri Sunil P S Shri Rajendra Khile Shri K. Manohar	C
40	Biodiesel Association	Shri Sandeep Chaturvedi	M
41	MNRE, Delhi	Shri S.K. Jagwani Dr Vasantha Thakur	O
42	Biogas Forum	Dr. A.R. Shukla	C
43	ONGC	Dr J.K.Shrivastava	I
44	Ministry of Agriculture, Delhi	Representative	U
45	Dr Vijay Malik	In personal capacity	E

**Abbreviations used :- Industry, O- Govt./Official, T- R&D Institutions, L- Testing laboratories**

**C- Consumer organization, U- User, E- Expert (Individual capacity)**

## PCD 06 BITUMEN, TAR AND RELATED PRODUCTS SECTIONAL COMMITTEE

**SCOPE:** To formulate Indian standards for terminology, methods of sampling and test and specification for bitumen including bitumen cutback and bitumen emulsion, bitumen additives, modified bitumen, industrial bitumen, bituminous mixes.

### Composition :

**Chairman** Prof. Satish Chandra, Director, CSIR-Central Road Research Institute, New Delhi

SI No.	Organization	Represented by	Interest
1.	Bharat Petroleum Corporation Ltd. (R&D), Noida	Sh. Sanjay Bhargava Smt. Sonal Maheshwari (Alternate)	I
2.	Central Building Research Institute, Roorkee	Dr. B. Singh Dr. Rajani Lakhani (Alternate)	T
3.	CSIR-Central Road Research Institute (CRRI), New Delhi	Sh. M. N. Nagabhushana Dr. Ambika Behl (Alternate)	T
4.	Central Public Works Department (CPWD), New Delhi	Sh. Divakar Agrawal	U
5.	Chennai Petroleum Corporation Ltd. (CPCL), Chennai	Sh. S. Kumar Sh. H. Ramakrishnan (Alternate)	I
6.	Bharat Petroleum Corporation Ltd (BPCL), Kochi Refinery , Kerala	Sh. Dineshchandran. P Sh. Pradeepkumar. T (Alternate)	I
7.	Directorate of General Border Roads, Seema Sadak Bhawan, New Delhi	Sh. Ashok Kumar, EE (Civ.) Sh. Umakant Kumar, EE (Civ.) (Alternate)	U
8.	Engineer-in-Chief's Army H.Q., New Delhi	Col. R. Jayaprasad Col. O P Srivatava(Alternate)	O
9.	Nayara Energy Ltd., Mumbai	Dr. Pradeep Prabhu Sh. Amar Kumar (Alternate)	I
10.	G R Infra-projects Ltd	Sh. U.C. Gupta	I
11.	Highway Research Station, Chennai	Ms. R. Geetha Sh. T. S. Sundar (alternate)	T
12.	Hindustan Petroleum Corporation Limited, Mumbai	Sh. Subir Kumar Somaddar Sh. Santosh Dhaku Bhogale (Alternate) Sh. Anindya Ghosh (Alternate)	I
13.	Hindustan Colas Limited, Mumbai	Sh. T. K. Subhaash Sh. K. G. Ranganatha	I

14.	Indian Institute of Petroleum (IIP), Dehradun	Dr. Manoj Srivastava Sh. Anand Singh (Alternate)	T
15.	Indian Institute of Technology (IIT), Roorkee	Dr. Sham Sundar Ravindranath	T
16.	Indian Oil Corporation Ltd. R&D Centre, Faridabad	Dr. N.S. Raman Dr. I. Devotta (Alternate) Sh. Dhanesh Kumar	
17.	Indian Oil Corporation (Refinery division), New Delhi	Sh. Brij Behari Sh. S.B. Lahkar (Alternate)	I
18.	Indian Roads Congress, New Delhi	Sh. S.K. Nirmal, Secretary General Sh. R.V. Patil, Deputy Director (Tech.) (Alternate)	O
19.	Ministry of Road Transport and Highways, New Delhi	Sh. Sanjeev Kumar Sh. Shri Varun Aggarwal	O
20.	Directorate of Works, Engineer-in-chief's Branch, Ministry of Defence	Col. Manmohan Singh Deol Lt. Col. Mahesh Narayan (Alternate)	O
21.	National Test House, Kolkata	Sh. Vinay kumar	L
22.	National Rural Road Development Agency, New Delhi	Sh. Bharat Pradhan	U
23.	OOMS Polymer Modified Bitumen Pvt Ltd, Gurgaon	Sh. B.R. Tyagi Sh. Palash Kathal (Alternate )	I
24.	Personal Capacity	Prof. P.S. Kandhal	P
25.	CSIR - North East Institute of Science & Technology, Jorhat	Dr. S. D. Baruah Dr. B. P. Baruah (Alternate)	T
26.	Shell Bitumen India Pvt Ltd, Gurgaon	Sh. Nilanjan Sarker	I
27.	Bitchem Asphalt Technologies, Meghalaya	Sh. Hemanta Dutta Sh. Muzibur Rahman (Alternate)	I
28.	IIT Madras, Chennai	Prof J. Murali Krishnan Prof. A. Veeraraghavan (Alternate)	T
29.	Total Oil India Pvt Ltd.	Dr. Pankaj Kumar Jain Sh. Gaurav Gogne (Alternate)	I
30.	Om Infracon Pvt. Ltd., Guwahati	Sh. A. N. Das	I
31.	Zydex Industries Ltd., Vadodara	Dr. Ajay Ranka Sh. Himanshu Agarwal (Alternate) Sh. Vishal Salvja	I
32.	Deptt. of Civil Engg. IIT, Delhi	Dr. Aravind Swamy	T
33.	Larsen & Toubro Ltd., Mumbai	Nominations Awaited	U

34.	Airport Authority of India, Delhi	Sh. Vinod Kumar Sharma, Jt.GM (Engg-Str) Sh. Suprio Gosh, AGM(Engg-Str) (Alternate)	U
35.	GMR Group Ltd. Bangaluru	Nominations Awaited	U
36.	Jawaharlal Nehru Port Trust, Mumbai	Nominations Awaited	U
37.	NHAI	Nominations Awaited	U
38.	PWD Delhi	Nominations Awaited	U
39.	Ashoka Buildcon	Sh. Ajit Patil Sh. Devendra Marode	I
40.	IRB Infrastructure Developers Ltd.	Nominations Awaited being sought	I
41.	Dilip Buildcon Ltd., Bhopal, M.P.	Sh. B.B. Kameswara Rao Dr. Anush K.C. (Alternate)	I

**Abbreviations used :I- Industry, O- Govt./Official, T- R&D Institutions, L- Testing laboratories  
C- Consumer organization, U- User, E- Expert (Individual capacity)**

**PCD 07 SOLID MINERAL FUELS AND SOLID BIOFUELS SECTIONAL  
COMMITTEE**

**Scope :** To formulate Indian Standards for terminology, methods of sampling and test, codes of practice, classification by size and type, petrographic analysis and specification for solid mineral fuels and solid bio-fuel including classification and specification for raw and processed materials originating from arboriculture, agriculture, aquaculture, horticulture and forestry to be used as a source for solid bio-fuels and terminology, specification for coal tar, coal tar oils, coal tar pitches.

**LIAISON:**

- a) To co-ordinate with the work of ISO/TC 27- Solid Mineral Fuels
- b) To co-ordinate with the work of ISO/TC 238 - Solid Biofuels

**COMPOSITION:**

**Chairman :** Dr. Pradeep Kumar Singh, Director, CSIR-Central Institute For Mining and Fuel Research (CIMFR), Dhanbad

Sl. No.	Organization	Represented by	Interest
1.	Central Institute For Mining and Fuel Research (CIMFR), Dhanbad	Shri T. B. Das	T
2.	Bharat Coking Coal Ltd (BCCL), Dhanbad	Shri V. K. Jha (Shri J Dutta)	I
3.	Bharat Heavy Electrical Ltd. (BHEL), Tiruchirapalli	Shri R Elankovan Dr Ganesh Palappan Shri Aman Seraphim Surin Shri Rajesh Ranjan	U
4.	Cement Manufacturer's Association (CMA), New Delhi	Dr. K. V. Reddy Shri Sanjay Jain	U
5.	Central Mine Planning & Design Institute Ltd (CMPDI), Ranchi	Shri N. Ramakrishan Ms Zeba Imam	T
6.	Central Electricity Authority (CEA), New Delhi	Shri S. K. Thakur (Dr. L. D. Papney)	U
7.	Central Revenues Control Laboratory, New Delhi	Dr. Y K S Rathore	O
8.	Central Pollution Control Board(CPCB), Delhi	AWAITED	O
9.	Coal Controller Organization, Ministry of Coal, Kolkata	Shri Anjani Kumar (Shri Subhasis Sahu)	O
10.	Coal India Limited (CIL), Kolkata	Shri N. K. Biswas (Shri K. M. Bhattacharya)	I

11.	Damodar Valley Corporation (DVC), Kolkata	AWAITED	U
12.	DRDO, Ministry of Defence	AWAITED	T
13.	Geological Survey of India (GSI), Kolkata	Shri Biswajit Gangopadhyay	O
14.	Indian School of Mines (ISM), Dhanbad	Dr. S. Bhattacharya	Y
15.	Institute of Minerals and Materials Technology (IMMT), Bhubaneswar	AWAITED	T
16.	Indian Metals & Ferro Alloys Ltd. (IMFA), Orissa	Dr. R. N. Murty (Shri D. K. Mohanty)	U
17.	Indian Council of Agricultural Research (ICAR), New Delhi	Dr. Kanchan K Singh (Dr. Anil Kumar Dubey)	T
18.	Ministry of Coal, Department of Coal, New Delhi	Shri M. K. Thapar	O
19.	Ministry of Commerce & Industry, Tariff Commission, New Delhi	Shri Mahender Kumar Shri R.K. Sharma	O
20.	Mahanadi Coalfield Ltd. (MCL), Burla	AWAITED	I
21.	Ministry of New and Renewable Energy, New Delhi	AWAITED	O
22.	Ministry of Environment and Forest, New Delhi	AWAITED	O
23.	National Test House	Shri A.S. Bansood Shri Manas Chakraborty	T
24.	Neyveli Lignite Corporation Ltd, Neyveli	Dr S.Santhanam (Shri V. Manoharan)	I
25.	National Council for Cement & Building Materials(NCCBM), New Delhi	Shri Rabindra Singh (Shri Ankur Mittal)	T
26.	Northern Coalfields Limited (NCL), Singrauli	AWAITED	I
27.	National Metallurgical Laboratory, Jamshedpur	AWAITED	L
28.	NTPC Ltd. , Corporate Centre, NOIDA	Shri B. Chakraborty (Shri S. K. Singh)	U
29.	Research & Develop Centre for Iron and Steel (RDCIS), SAIL, Ranchi	Shri K. K. Manjhi Shri B. Chakraborty	T
30.	Singareni Collieries Co Ltd. (SCCL), Khammam District (A.P.)	Shri G. Rajender Reddy (Shri A. Ravikumar)	U
31.	Steel Authority of India Ltd. (SAIL), New Delhi	Shri K. K. Manjhi Shri B. Chakraborty	U
32.	Tata Steel Ltd., Jamshedpur	Shri B.K. Singh Shri H.N. Prasad	U

33.	The Tata Power Company Ltd., NOIDA	AWAITED	U
34.	The Energy and Resources Institute (TERI), New Delhi	Shri S.K. Chand (Smt. Arpita Khanna)	T
35.	Shri S. K. Grover	Individual Capacity	E
36.	Dr Kalyan Sen	Individual Capacity	E

**Abbreviations used :-I- Industry, O- Govt./Official, T- R&D Institutions, L- Testing laboratories**

**C- Consumer organization, U- User, E- Expert (Individual capacity)**



**ORGANIC CHEMICALS, ALCOHOLS & ALLIED PRODUCTS SECTIONAL  
COMMITTEE, PCD 9**

**SCOPE :**

To formulate Indian Standards for terminology; methods of sampling and test and specifications for organic chemicals, ion-exchange resin for general industrial use, alcohols & allied products

**LIAISON**

- a) ISO/TC 47 Chemistry;
- b) PCD 12 Plastics Sectional Committee;
- c) PCD 13 Rubber and Rubber Products Sectional Committee;
- d) CHD 01 Chemical Standards;
- e) CHD 11 Laboratory Ware and Related Apparatus;
- f) TXD 17 Dye Stuffs.

CHAIRMAN - Dr. C. V. Rode, Chief Scientist, NCL Pune

<b>S No</b>	<b>Organization</b>	<b>Name of Representative Principal/(Alternate)</b>	<b>Interest</b>
1.	All India Distilleries Association (AIDA), New Delhi	Shri V. N. Raina	I
2.	All India Alcohol-Based Industries Development Association (AABIDA) , Mumbai	Shri K. L. Raphael (Shri Kirti Gajjar)	I
3.	Alkyl Amines Chemicals Ltd., Mumbai	Shri S. V. Nikumbhe (Shri Kirat Patel)	I
4.	Archroma Thane	Nomination awaited	I
5.	BASF, Thane, Maharashtra	Nomination awaited	I
6.	Central Revenues Control Laboratory, Delhi	Dr. T. K. Roy	O
7.	CDRI, Lucknow	Dr. Sanjeev Kanojiya, Senior Scientist, Sophisticated Analytical Instrumentation	T
8.	Chemical and Petrochemical Manufacturers' Association (CPMA), New Delhi	Shri K. P. Nanavati	I
9.	Customs & Central Excise Laboratory, Vadodara	Shri T. A. Sreenivasarao	O
10.	Godavari Biorefineries Ltd., Mumbai	Shri G. G. Mundwadkar (Shri S. Vasani)	I
11.	Hindustan Organic Chemicals Ltd. (HOCL), Mumbai	Dr. P. N. Kuty/ Shri P. Y. Patil	I

12.	Indian Chemical Council, Mumbai	Dr. Pravin Kumar Singh (Dr. N. J. Singh)	I
13.	India Glycols Limited, Uttarakhand	Shri S. R. Soni/Shri Alok Singhal	I
14.	Jubilant Life Sciences Ltd., Gajraula	Dr. S. P. Singh/ Israt Sultana	I
15.	Laxmi Organic Industries, Mumbai	Shri J.P.Suryavanshi/Dr. Vijay S. Mishra	I
16.	Ministry of Chemicals & Fertilizers, Department of Chemicals & Petrochemicals, New Delhi	Shri Sanjay Bansal (Shri Jasbir Singh)	O
17.	Mohan Meakins Ltd, Ghaziabad	Dr. E. K. Jayanaarayanan (Shri Jitender Mohan)	U
18.	National Chemical Laboratory, Pune	Dr. Santosh Mhaske	T
19.	National Test House (NTH), Ghaziabad	Shri Debashis Saha ( Dr. Gopal Krishan)	T
20.	Office of the Commissioner of Customs, Cochin	Ms. Reena P. S.	O
21.	Syngenta India, Pune	Nomination awaited	U
22.	UPL Limited, Mumbai	Mr M D Vachhani, GM (QA)	I
23.	Sun Pharmaceutical industries	Newly Co-opted/ Nomination awaited	U
24.	Dr Reddy's lab	Newly Co-opted/ Nomination awaited	U
25.	Emcure Pharmaceuticals Ltd	Newly Co-opted/ Nomination awaited	U
26.	Reliance, Industries	Newly Co-opted/ Nomination awaited	U
27.	HUL,Mumbai	Newly Co-opted/ Nomination awaited	U
28.	ITC,Kolkata	Newly Co-opted/ Nomination awaited	U
29.	Dupont, India	Newly Co-opted/ Nomination awaited	U /I
30.	Ion Exchange (India) Limited	Newly Co-opted/ Nomination awaited	U
31.	Thermax India Limited	Dr. Ramakrishna R Sonde, Executive Vice President – Research & Technology	U

		Shri Dinesh Mandhana SBU Head - Chemical	
32.	Deepak Fertilizer	Nomination awaited	

**Abbreviations used :- I- Industry, O- Govt./Official, T- R&D Institutions, L- Testing laboratories**

**C- Consumer organization, U- User, E- Expert (Individual capacity)**

## PCD 12 PLASTICS SECTIONAL COMMITTEE

### Scope

To formulate Indian Standards for terminology and specifications for thermosetting & thermoplastic resins-bonded & moulding materials, natural & synthetic polymers, synthetic resin bonded laminates thermoplastic films & sheets, plasticizers cellular plastics, finished plastic articles, composites & reinforced plastics (excluding sanitary wares, plastic pipes for water supply and plastics packaging), safety of toys and natural & synthetic adhesives (excluding for plywood industry and electrical tapes).

**Chairman- Prof. (Dr.) S. K. Nayak, DG CIPET**

SI No.	Name of Organization	Name of the Representative	Interest
1.	Central Institute of Plastics Engineering & Technology (CIPET), Chennai	Dr. Subhas C. Shit (Dr. S.N. Yadav)	T
2.	Borouge (India) Pvt. Ltd., Mumbai	Shri Ashish Srivastav (Shri Pratyush Bandhopadhyay)	M
3.	CSIR-Central Food Technological Research Institute (CFTRI), Mysore	Shri R. S. Matche	T
4.	Shriram Institute for Industrial Research, Delhi	Dr. P.K. Kaicker (Dr. R.K. Raina)	M
5.	3M Innovation Centre, Bangalore	Shri Arun Awasthi	T
6.	Indian Centre for Plastics in the Environment (IPCE), Mumbai	Shri T.K. Bandopadhyay (Shri Arunava Guha)	T
7.	National Dairy Development Board, Pune	Shri R.S. Lahane (Shri S.K. Khandelwal)	O
8.	CSIR-Indian Institute of Toxicological Research (IITR), Lucknow	Dr. V.P. Sharma (Dr. A.B. Pant)	T
9.	Reliance Industries Ltd. (RIL), Mumbai	Shri S.V. Raju (Dr. E. Sundaresan) (Dr. Sunil Mahajan ) Sh. K.S. Ravi Kumar	M
10.	Sabic Innovative Plastics, Bangalore	Dr. Narayana Rao A (Shri Sachin S. Unde) (Shri Sanjay Bedi)	M
11.	All India Plastic Industries Association (APIA), Delhi	Shri Ravi Kumar Aggarwal (Shri P. P. Tuteja)	A
12.	Haldia Petrochemicals Limited, Kolkata	Shri Raj K. Datta (Suvomoy Ganguly)	M
13.	Ministry of Environment & Forests (MoEF), New Delhi	Ms. Sanchita Jindal (Sh. Sharath Kumar Pallerla) (Shri Shard Sapra)	O
14.	Directorate General of Health Services, New Delhi	Dr. Dhir Singh (Shri Jaipal Singh)	O
15.	Indian Institute of Packaging (IIP), Mumbai	Dr. Sanjay Chattopadhyay	T

		(Dr. Tanweer Alam)	
16.	GAIL (India) Ltd., Noida	Dr. Debashish Roy (Shri Manish Khandelwal)	M
17.	CSIR- National Chemical Laboratory (NCL), Pune	Dr. P.G. Shukla (Dr. Harshawardhan Pol)	T
18.	Ministry of Defence (DMSRDE), Kanpur	Sh. V.R. Choudhary, P.Sc.O. (Sh. Joshy John, SSO-II)	O
19.	Indian Plastic Institute (IPI), Mumbai	Shri V. B. Lall (Shri Mihir Banerji)	T
20.	Voluntary Organization in Interest of Consumer Education (VOICE), New Delhi	Shri M A U Khan (Shri H. Wadhwa)	C
21.	All India Plastics Manufacturers Association (AIPMA), New Delhi	Er. R.K. Aggarwal - President	A
22.	Consumer Education Research Centre (CERC), Ahmedabad	Shri Raju D. Desai (Shri H.S. Tripathi) (Smt. Dolly Jani)	C
23.	The Toy Association of India (TAI), New Delhi	Shri Rajesh Arora (Shri R K Verma)	A
24.	Department of Chemicals & Petrochemicals (DCPC), Min. of Chemicals & Fertilizers, Delhi	Shri A.K. Agarwal	O
25.	Organization of Plastics Processors of India (OPPI), Mumbai	Shri Deepak Lawale	C
26.	PlastIndia Foundation, Mumbai	Shri Arvind M. Mehta	M
27.	Central Pollution Control Board (CPCB), New Delhi	Dr. A.B. Akolka (Dr. S.K. Nigam)	O
28.	National Council of Plastics in Horticulture and Agriculture(NCPHA), New Delhi	Sh. Krish S. Iyengar (Sh. Krishna Kumar Kaushal)	O
29.	Indian Oil Corporation Ltd. (IOCL), R&D Centre, Faridabad	Dr. Shashikant (Dr. G.S. Kapur)	M
30.	ONGC Petro Additions Ltd. (OPAL), Gujarat	Dr. Vivek Mehta	M
31.	Chemical and Petrochemical Manufactures Association (CPMA) New Delhi	Shri. Mahinder Singh	A
32.	Consumer Association of India (CAI), Chennai	Sh. N. Sukumar Sh. M. R. Krishnan	A
33.	Coca-Cola India Pvt. Ltd., Gurgaon	Shri Sunil Adsule (Shri Virendra Landge)	M
34.	Huhtamaki Paper Product Ltd., Hyderabad	Shri Atin Chaudhuri	M
35.	HMEL, Chennai	Vineet Kumar Gupta (Sh. Alakesh Ghosh)	M
36.	Food Safety and Standards Authority of India (FSSAI), Delhi	Sh. Chirag Gadi	O
37.	Indian Pharmacopoeia Commission, Ghaziabad	Nominations to be sought	M

**Abbreviations used :-I- Industry, O- Govt./Official, T- R&D Institutions, L- Testing laboratories**

**C- Consumer organization, U- User, E- Expert (Individual capacity)**

## PCD 13 RUBBER AND RUBBER PRODUCTS SECTIONAL COMMITTEE

### SCOPE

To formulate Indian Standards for terminology, environmental aspects, code of practice, specifications for natural rubber, synthetic rubber, reclaimed rubber, vulcanized rubber and rubber products (*excluding rubber conveyors and transmission belting, rubber cables and rubber products for automobile industry*), hoses, elastomeric isolators, raw materials for rubber and rubber industry, flexible and semi-rigid cellular materials [made of rubber and thermoplastic rubbers (TPE & TPR)] and coated fabrics

### SCOPE AND COMPOSITION OF RUBBER AND RUBBER PRODUCTS SECTIONAL COMMITTEE, PCD 13 AND ITS SUBCOMMITTEES

**Chairman: Chairman: Dr James Jacob, Director (Research), Rubber Board**

Sl. No	Organization Represented	Name of Representative Principal/(Alternate)	Interest
1	Indian Rubber Mfrs Research Association, Thane Plot No. 254/1B, Road N0.16V. Wagle Industrial Estate, Thane (West) PIN - 400604. Maharashtra, India	Shri K Rajkumar Dr Bharat Kapgate	T
2	The Rubber Board, ,P.B. No:1122, Keezhukunnu, Sub Jail Road, Kottayam -686 002 Kerala, India	<b>Dr James Jacob, Director (Research)</b> , Rubber Board Dr Siby Varghese(Alternate)	O
3	GRP Limited, 510, `A' Wing, Kohinoor City Commercial - 1, Kirol Road, Off L.B.S. Marg,, Landmark-Opp Don Bosco School Kurla (West). Mumbai. Maharashtra	Shri Mehul Patel Shri Kalyan Das	M
4	HASETRI, Jaykagram Po: Tyre Factory Dist. Rajsamand, Kankroli 313342, Rajasthan	Shri Saikat Das Gupta	T
5	HLL Lifecare Limited, Belgaum Latex Bhavan, Poojappura Thriuvanathapuram 695012, Kerala	Dr. A.G. Shankaran (Shri H.U. Kantharaju)	U
6	Ministry of Defence (DGQA), New Delhi	Shri S. K. Saxena (Shri V.K. Chhabra)	O
7	Apollo Tyres Ltd., Kerala	Dr. Arup K. Chandra (Shri T. D. Varkey)	C
8	All India Rubber Industries Association, Mumbai	Srikanth Krishnamurthy (Shri Amlesh Roy)	A

	601, Pramukh Plaza,'B' Wing, 485 Cardinal Gracious Road, Opp Proctor & Gamble, Chakala, Andheri [E], Mumbai, 400099		
9	Export Inspection Council of India, Ministry of Commerce & Industry, New Delhi	Shri K.J. Srivastava (Shri S.K. Saxena)	O
10	Automotive Tyres Manufacturers Association (ATMA), New Delhi	Mr. Rajiv Budhraj (Mr. Vinay Vijayvargia)	A
11	Research, Designs & Standards Organization, Lucknow	Shri Mnjesh Kumar Shri Ravi Prakash	O
12	Voluntary Organization in interest of Consumer Education (VOICE), New Delhi	Shri M.A.U. Khan (Shri H. Wadhwa)	NGO
13	Dow Corning India Pvt. Ltd.	Shri Subhranshu Gupta	M
14	LPG Equipment Research Centre, Bangalore	Shri A Krishna Kutty Shri KK Thakur	T
15	Indian Oil Corporation R&D Centre, Faridabad, Haryana	Dr Deepak Saxena Dr Pankaj Bhatnagar(Alternate)	M
16	Reliance Industries Ltd. (Elastomers business), Vadodara	Shri Bharat B. Sharma  Soumitra Chattrjee	M
17	Flame Retardants Association of India, Gurgaon	Shri P.V. Murali Mohan	A
18	Rado Industries Ltd., Faridabad	Sh P. C. Gupta, Shri Kailash Gupta (Alternate) (New)	M
19	A manufacturer of rubber hose holding BIS licence	Nomination awaited	
20	Vajara Rubber Products (P) Ltd, Konathakunnu, Kerala	Nomination awaited	
21	Shri Sati Rubber Industries, Jaipur	Shri Vijay Kumar Agarwal Shri Sudhir Agarwal (New)	M
22.	Paragon Industries Paragon Bldg. P.B.No.61 Srinivasa Iyer Road Chalukunnu. Kottayam. Kerala - 686001	Nomination awaited	M
23	Lanxess India Pvt Ltd Plot No:162, 163, 164, Road No:27 Wadle Estate. Opp. ITI College, MIDC. Thane (West). Maharashtra - 400604	Nomination awaited	M
24.	Block Rubber Processor's Association of India Specified Rubber Pvt Ltd 1/B Utility Enclave, Mauttambalam Kottayam	Shri Rajiv Tharian Shri Ronny Joseph	A
25.	Polymer Consultancy Services P. Ltd	Dr Ranjit Mathhan,	E

26.	In Personal Capacity	Dr. (Mrs.) Vijay Malik	E
27.	Association of Latex Producers of India	Shri Santosh Kumar	A
28	Association of Planters Kerala	Santosh Kumar, Senior Vice-President Shri.Philip C.Jacob	A
29	KA Pre Vulcanized	Shri Praveen Mathew(director) Shri R Joslin(Manager)	M
30	Dr Sunny Sebastian	In personal capacity	E

**Abbreviations used :- I- Industry, O- Govt./Official, T- R&D Institutions, L- Testing laboratories**

**C- Consumer organization, U- User, E- Expert (Individual capacity)**



## PCD 18 FRAGRANCE AND FLAVOURING INGREDIENTS

**SCOPE:** To formulate Indian Standards for terminology, methods of sampling and test, codes of practices and specifications for fragrance and flavoring ingredient to co-ordinate with the work of ISO/TC 54 – Essential Oils

**COMPOSITION:**

**Chairman :** Dr. Ram A. Vishwakarma, Director, CSIR- Indian Institute of Integrative Medicine, Jammu

Sl. No.	Organization	Represented by	Interest
1.	Personal Capacity	Dr. V. S. Venkatesha Gowda	E
2.	Karnataka Soaps & Detergents Ltd. Bangalore	Shri A. E. Shankare Gowda	I
3.	CSIR- Institute of Himalayan Bio-resource Technology (IHBT), Himachal Pradesh	Dr. Sanjay Kumar Shri Bikram Singh (Alternate) Shri Vijai Kant Agnihotri	T
4.	CSIR- Central Food Technological Research Institute (CFTRI), Mysore	Dr. Malathi Srinivasa Dr. Sreedhar (Alternate)	T
5.	CSIR- Central Institute of Medicinal Aromatic Plants (CIMAP), Lucknow	Shri Sudeep Tandon Shri C.S. Chanotiya (Alternate)	T
6.	Central Revenues Control Laboratory, New Delhi	Director Shri Suneel Mathur (Alternate)	O
7.	Directorate of Marketing & Inspection (DMI), Faridabad	Dy. Agril. Marketing Adviser (QC) Asstt. Agril. Marketing (Alternate)	O
8.	Essential Oil Association of India (EOAI), Lucknow	Shri Yogesh Dubey	I
9.	Fragrances and Flavours Association of India (FAFAI), Mumbai	Shri Rohit Seth	I
10.	MSME- Fragrance & Flavours Development Centre (FFDC), Kannauj, U.P.	Shri S. V. Shukla Shri K. N. Dwivedi (Alternate)	T
11.	Forest Research Institute (FRI), Dehradun	V.K. Varshney Dr. Rakesh Kumar (Alternate)	T
12.	Hindustan Unilever Ltd (HUL), Bangalore	Nomination awaited	I

13.	Som Extracts Ltd, Delhi	Shri S.C. Varshney Shri Sanjay Varshney (Alternate)	I
14.	Centre for Aromatic Plants (CAP), Dehradun	Dr. Hema Lohani Shri Nirpendra K. Chauhan (Alternate)	T
15.	Ministry of Micro, Small and Medium Enterprises (MSME), New Delhi	Shri S. V. Shukla Shri L. B. S. Yadav (Alternate)	O
16.	Ultra International ltd (UIL), New Delhi	Shri Sant K. Sanganeria Smt. Bhuvna Nageshwaran (Alternate)	I
17.	Nishant Aromas, Mumbai	Shri Ramakant Harlalka	I
18.	Jagat Aroma Oils Distillery, Kannauj, UP	Shri Pradeep Kapoor Shri J. N. Kapoor (Alternate)	I
19.	Personal Capacity	Dr. G. S. Ranade	E
20.	S.H. Kelkar & Co. Ltd., Mumbai	Shri Kedar R Vaze Dr. Prakash Narayanan (Alternate)	I
21.	CSIR-North East Institute of Science and Technology, Jorhat	Director	T
22.	CSIR- Indian Institute of Toxicology Research (IITR), Lucknow	Shri Sheelendra Pratap Singh Shri Somendu Kumar Roy	T
23.	Seth Brothers (Perfumers) Pvt. Ltd.	Shri Rohit Seth	I
24.	Indian Society of Cosmetic Chemists	Dr. V. Bambulkar Shri Benedict Mascarenhas (Alternate)	I
25.	Central Drugs Standard Control Organization (CDSCO), New Delhi	Nomination awaited	O
26.	Central Drugs Testing Laboratory (CDTL), Chennai	Dr. N. Murugesan	L
27.	Indian Beauty & Hygiene Association (IBHA)	Ms Malathi Narayanan Ms Veena Balgi (Alternate)	I
28.	Aroma Sales Corporation, Delhi ( Shri Sunil Jain)	Nomination awaited	I
29.	Red Fab Flavours, Delhi( Shri Gurnish Singh)	Nomination awaited	I
30.	L. Liladhar & Co., Mumbai	Shri Madhusoodan Mody Shri Meet Madhusoodan Mody	I
31.	CKC Fragrance & Flavours Pvt. Ltd., Kolkata	Shri Rishab Kothari Shri Chandrakant Kothari (Alternate)	I
32.	Lalji Aromatics, Lucknow	Shri Rahul Mehrotra	I

33.	Shriram Institutes for Industrial Research (SIIR), New Delhi	Dr. M.L. Aggarwal Dr. Sumant Kumar Nayak (Alternate)	T
34.	SGS India, Gurgaon	Nomination awaited	L
35.	Indian Pharmacopoeia Commission (IPC), New Delhi	Dr. Jai Prakash Shri Manoj Kumar Pandey (Alternate)	O
36.	CONCERT, Chennai (Co-opt during the last meeting)	Nomination being sought	C
37.	VOICE, New Delhi (Co-opt during the last meeting)	M. A. U. Khan	C
38.	M/s Givaudan	Ms. Nila Ranga Ms. Arshdup. K. Joshi	I

**Abbreviations used :- Industry, O- Govt./Official, T- R&D Institutions, L- Testing laboratories**

**C- Consumer organization, U- User, E- Expert (Individual capacity)**

## PCD 19 COSMETICS SECTIONAL COMMITTEE

**SCOPE** - To formulate Indian Standards for terminology, methods of sampling and tests, codes of practice and specifications for raw materials for cosmetics and toilet goods (excluding soaps) and for finished products.

**LIAISON** - ISO/TC 217 'Cosmetics'

### COMPOSITION:

**Chairman: Dr. S. E. Reddy**, Drugs Controller General of India (Email id: dci@nic.in)

Sl. No.	Organization Represented	Name of Representative Principal/(Alternate)	Interest
1.	All India Small Scale Cosmetic Manufacturer's Association, Mumbai	Dr. Virendra V. Chavan Mrs. Kajal Anand (Alternate)	I
2.	CDSCO, Delhi	DDC (I) Cosmetics (Sh. S. Dey) DDC (I) Import	O
3.	Central Drugs Testing Laboratory, Chennai	Dr. N. Murugesan	L
4.	CavinKare Private Limited, Chennai	<u>Dr. T Kumar</u> <u>Dr. Sridhar Rajam</u>	I
5.	Central Drugs Testing Laboratory, Mumbai	Dr. Raman Mohan Singh Mrs. S. U. Warde, SSO-II	L
6.	Colgate Palmolive (India) Limited, Mumbai	Dr. Manas V. Vyas Ms. Sharda Ganesh (Alternate) Shri Purushottam Jadhav	I
7.	Consumer Guidance Society, Mumbai	Dr. Sitaram Dixit Dr. M.S. Kamath	C
8.	Chemstar Ltd., Thane	Shri Sunil Joshi	I
9.	Drugs Control Organization, Rajasthan	Awaited	O
10.	Department of AYUSH	Dr. D.C. Katoch	O
11.	Drugs Control Department, Delhi	Sh. A.K. Nassa	O
12.	Directorate of Drugs Control, Kolkata	Sh. K.R. Chawla	O
13.	Dabur India Ltd., Sahibabad	Dr. Sudhir Achar Dr. S. K. Luthra (Alternate 1) Dr. S. V. Devasthale (Alternate 2)	I
14.	Food & Drugs Administration, Goa	Smt. Jyoti J. Sardesai, Director	O
15.	Essential Oil Association of India (EOAI)	Shri Rohit Seth (President)	I
16.	EnvisBE Solutions Pvt. Ltd., Bangalore	Shri Benedict M. Mascarenhas	T

17.	Fragrance and flavours Association of India (FAFAI)	Shri Yogesh Dubey	I
18.	Food & Drugs Administration, Maharashtra, Mumbai	Shri O. S. Sadhwani, Joint Commissioner	O
19.	Galaxy Surfactants Limited, Mumbai	Sh. Yogesh Kalra Ms. Pallavi Agarwal	I
20.	Godrej Consumer Products Limited, Mumbai	Ms Rupinder Rawat Dr. N.M. Sunder (Alternate)	I
21.	Hindustan Unilever Ltd., Mumbai	Ms. Vrinda Rajwade Shri Rajendra Dobriyal (Alternate)	I
22.	Hygienic Research Institute Pvt. Ltd., Mumbai	Shri M.B. Desai Ms. Jayashree Anand (Alternate)	I
23.	Indian Pharmacopoeia Commission, Ghaziabad	Dr. Anil Kr. Teotia Dr. Manoj Kr. Pandey	O
24.	Indian Beauty and Hygiene Association (IBHA), Mumbai	Ms. Malathi Narayanan (Secretary General)	I
25.	Individual Capacity	Dr. A. N. Bhat	E
26.	CSIR-IITR, Lucknow	Dr. R. S. Ray	T
27.	ITC R&D CENTRE Bangalore	Dr. Gurubasavaraja KM Dr. John Bosco Stanislaus (Alternate 1) Dr. James Bhaskar (Alternate 2)	I
28.	Johnson & Johnson Ltd, Mumbai	Dr. Jayprakash Vidwans Dr. Dilip Tripathi	I
29.	KET'S Scientific Research Centre, Mumbai	Dr. S.S. Barve	T
30.	L'Oreal India Pvt. Ltd., Mumbai	Ms Veena Balgi Ms Rupali Turakhiya (Alternate)	I
31.	Marico Limited, Mumbai	Dr. Sudhakar Mhaskar Shri Prabodh S. Halde (Alternate)	I
32.	Ministry of Micro, Small & Medium Enterprises, New Delhi	Dr Izzatullah, Director (Chem) Dr Arun Kumar, Asst Dir (Chem)	O
33.	MIKASA Cosmetics Ltd., Ahmedabad	Mrs. Trupti Patel (Alternate)	I
34.	Food & Drugs Control Admn., Gandhi Nagar, Gujarat	Dr. H.G. Koshia Sh. V.R. Shah (Alternate)	O
35.	Drugs Controller for the State of Karnataka, Bangalore	Smt. Parvati Anand Goudar Smt. Sudha Swamy (Alternate)	O
36.	Procter & Gamble, Mumbai	<u>Sh. Sivakumar Thanigachalam</u>	I
37.	Food and Drugs Administration, Haryana	Dr. G. L. Singal Shri Raj Kumar (Alternate)	O
38.	VOICE, New Delhi	Shri M. A.U. Khan Shri H. Wadhwa (Alternate)	C
39.	Himalaya Drug Company, Bengaluru	Dr R.Sundaram	I

1.	<b>Special Invitee – PETA</b>	Smt. Poorva Joshipura Dr Dipti M Kapoor	<a href="mailto:Poorvaj@Petaindia.org">Poorvaj@Petaindia.org</a> , <a href="mailto:DiptiK@petaindia.org">DiptiK@petaindia.org</a> ,
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**Abbreviations used :I- Industry, O- Govt./Official, T- R&D Institutions, L- Testing laboratories  
C- Consumer organization, U- User, E- Expert (Individual capacity)**

## PCD 21 PLASTICS PACKAGING

### SCOPE

Formulation of Indian Standards on rigid, semi-rigid and flexible packaging made of plastic materials excluding Woven Sacks made of polymeric material

**Meeting held : 16 Jan 2018**

**Chairman-** Prof. (Dr.) N. C. Saha, Director – IIP Mumbai

SI No.	Organization	Represented by	Interest
1.	Indian Institute of Packaging, Mumbai	Dr N C Saha, <i>Chairman</i> (Dr. Sanjay Chatopadhyay) (Dr. Tanweer Alam)	T
2.	All India Plastics Manufacturers' Association, Mumbai	Mr. Kailash B. Murarka (Mr. R.K. Aggarwal)	A
3.	Bayer Crop Science, Mumbai	Shri Ajay Barot (Shri Sujit Jadhav)	M
4.	Bisleri International Pvt Ltd Delhi	Shri Kadeer Khan Shri Sahib Singh	M
5.	Coca-Cola India, Gurgaon	Shri Sunil Adsule (Dr Virendra Landge)	U/M
6.	Central Institute of Plastics Engineering & Technology, Chennai	Dr. S. N. Yadav (Shri T. M. Vedachalam)	O
7.	Central Food Technological Research Institute, Mysore	Shri. Rajeshwar Matche,	T
8.	Confederation of Indian Food Trade & Industry, New Delhi	Ms. Priyanka Sharma	O
9.	Essel Propack Limited	Mr. M K Banerjee	M
10.	Excel Crop Care, Mumbai	Shri Prasad Ghate	<u>M</u>
11.	FSSAI, New Delhi	Dr. Dhir Singh	O;
12.	GAIL India Ltd., NOIDA	Dr. Debasish Roy (Mr. Nitin Gupta)	M/U
13.	Haldia Petrochemicals, Kolkata	Shri Raj K. Datta Shri Srikanth Ramani	M
14.	Hindustan Unilever Ltd., Mumbai	Shri. Rajendra. Dobriya Mr. Jikul Purohit Mr. Sandip Das	U

15.	Indian Institute of Toxicology Research, Lucknow	Dr V.P. Sharma (Dr A.B. Pant)	T
16.	Indian Centre for Plastics in the Environment, Mumbai	Shri T.K. Bandopadhyay	C
17.	Ministry of Food Processing Industries, New Delhi	Nomination awaited	O
18.	Mohan Meakins Limited, Ghaziabad	Dr E K Jayanarayanan	M
19.	Mullackal Polymers	Shri Ramesh Pillai (Shri Kartik Pillai)	<u>M</u>
20.	National Bee Board, New Delhi	Shri M.V.Haridas	O
21.	National Association for Feeders and Nipples Industries (NAFNI), Mumbai	(Sh. Harish Shroff) (Sh. Ashok Aneja)	<u>A</u>
22.	National Dairy Development Board, Anand	Shri P.K. Pundir ( Shri S.K. Goswami)	<u>O</u>
23.	Nestle India Ltd, New Delhi	Shri Barun Banerjee (Smt Sarita Devi)	U
24.	Nilkamal Plastics Ltd, Mumbai	Shri H.V. Parekh/Shri V.S. Iyer Shri A.K. Kharbanda	<u>M</u>
25.	Paper Products Ltd., Mumbai	Sh. Atin Chaudhary	M
26.	Reliance Industries Ltd, Mumbai	Shri K S Ravi Kumar (Shri Nitin Joshi)	M
27.	Radico Khaitan	Shri R B Biradar	M
28.	Shriram Institute for Industrial Research, Delhi	Dr. R K Raina (Shri S K Chattopadhyay)	L
29.	Triveni Polymers Ltd	Shri Subodh Gupta	<u>M</u>
30.	Uflex NOIDA	Sh. Amit Ray	<u>M</u>
31.	Voluntary Organization in Interest of Consumer Education (VOICE), New Delhi	Shri M.A.U. Khan, (Shri H. Wadhwa)	C
32.	CUTS International (Consumer Unity & Trust Society), Jaipur	Sh. Amarjeet Singh	<u>C</u>
33.	Mother Dairy Fruit & Vegetable Pvt. Ltd., Noida	Nomination awaited	U



34.	IIT Roorkee-Saharanpur Campus	Dr. Yuvraj Singh Negi	<u>E</u>
35.	PET Packaging Association for Clean Environment (PACE)	Sh. P.C. Joshi, Secretary General	C
36.	All India Plastic Industries Association (AIPIA), Delhi	Shri Ravi Kumar Aggarwal Shri P. P. Tuteja	A
37.	All India Food Processors Association, (AIFPA) Delhi	Dr. Shaminder Pal Singh Dr. K.L. Gaba Ms. Shreya Pandey	A

**Abbreviations used :I- Industry, O- Govt./Official, T- R&D Institutions, L- Testing laboratories  
C- Consumer organization, U- User, E- Expert (Individual capacity)**

## PCD 25 LUBRICANTS AND THEIR RELATED PRODUCTS

### SCOPE

To formulate Indian Standards for terminology; lubricants, bio- lubricants, lubricating oils and their related products like hydraulic fluids, corrosion preventives, quenching and cutting oils, **lubricant produced through synthesis routes** and codes of practice for storage, handling, transport and application.

**Chairman:** Dr Y.P.Rao

Sl No.	Organization	Representative(s) Principal/(Alternative)	Interest
1.	Dr Y.P.Rao, <b>Chairman</b>		
2.	Indian Oil Corporation(R & D), Faridabad	Dr. Deepak Saxena Dr. Pankaj Bhatnagar	T
3.	Ashok Leyland Ltd, Chennai	Shri.D.Balakrishnan Shri. Ravi M.	U
4.	Bajaj Auto Ltd, Pune	Shri K. Rajan	U
5.	Balmer Lawrie & Co Ltd, Kolkata	Dr Balaram. Ghosh Dr M L Das	U
6.	Bharat Petroleum Corporation Ltd, Mumbai	Shri Debashis Ganguli	M
7.	Castrol India Ltd Mumbai	Shri Ashish Gondal Shri Raman Rai	M
8.	Centre for High Technology, New Delhi	Shri Brijesh Kumar Shri Sushobhan Sarkar,	O
9.	Chennai Petroleum Corporation Ltd. (CPCL), Chennai	Shri S. Kumar H.Ramakrishnan	M
10.	Central Pollution Control Board, (Ministry of Environment & Forests), New Delhi	Shri Dinabandhu Gouda Shri B. K. Jakhmola	O
11.	Consumer Guidance Society of India, Mumbai	Dr. Sitaram Dixit Dr. M. S. Kamath	C
12.	Gulf Oil Lubricants India Ltd, Mumbai	Shri Girish Jange	M
13.	Hero Moto Corp Ltd, Gurgaon	Shri Ajay Gupta Shri Ashok Kataria	U
14.	Hindustan Petroleum Corporation Ltd, Mumbai	Dr. A.K. Jain Shri Sukanta Banerjee	M
15.	Indian Additives Ltd, Chennai	Shri Aanish Dwarkadas Shri Srikanthan	M
16.	Indian Institute of Petroleum, Dehradun	Shri A. K. Jain Shri G D Thakre	T

17.	Indian Oil Corporation Ltd, (Marketing Division), Mumbai	Shri Sanjeev Kundu Dr. A. S. Kathait	M
18.	Indian Oil Corporation Ltd., (Refineries), New Delhi	Shri Ashwani Sharma Shri R.K. Chugh	M
19.	Lubrizol India Ltd, Mumbai	Shri Anand Redkar	M
20.	Mahindra & Mahindra Ltd., Nasik	Shri R. Ramaprabhu	U
21.	Maruti Udyog Ltd, Gurgaon	Shri Ashok Permude Shri Narinder Kumar	U
22.	DRDO, Ministry of Defence, Ahmednagar (Maharashtra)	Shri C V Pandey	U
23.	Ministry of Petroleum and Natural Gas, New Delhi	Representative	O
24.	RDSO, Ministry of Railways, Lucknow	Shri Rajesh Srivastava Shri Sonam Gupta	U
25.	Ministry of Road Transport & Highways, New Delhi	Shri G Sharan (Shri S S Nahar)	U
26.	Bosch Ind Ltd, Bengaluru	Shri A. Fredrick Shri D Ramaraju	M
27.	National Test House, Kolkata	Dr. S. N. Bandyppadhyay Dr. Umesh Singh	L
28.	Reliance Petroleum Limited, Mumbai	Shri Advait Anaspure	M
29.	Society of Indian Automobile Manufacturers, New Delhi	Shri P K Banerjee (Shri Atanu Ganguli)	U
30.	Steel Authority of India Ltd, New Delhi	Shri G. Chakravarti	U
31.	Swastik Oil Products Mfg Co Pvt Ltd	Shri Bhupendra Rathod Shri Sanat Rathod	M
32.	Tata Motors Ltd., Pune	Shri P.B. Dakhole Shri S. B.Gudekar	U
33.	The Automotive Research Association of India (ARAI), Pune	Dr S S Thipse	U/T
34.	TVS Motor Company Ltd, Hosur, Tamil Nadu	Shri Ajith Kumar	U
35.	Afton Chemicals, Mumbai	Shri Jeenal Patel	M
36.	FSSAI, New Delhi	Nominated Awaited	O
37.	DGMS, Dhanbad	Nominated Awaited	U
38.	S S Industrial Corpn, Delhi	Shri T S Sethi	M
39.	NETRA	Shri P. K. Jain	T/U
40.	BHEL(R&D), Hyderabad		T/U
41.	SAIL, Ranchi	Shri Anujit Rituraj Shri Balakrishna Bisoyi	T
42.	ISMA	Nominated Awaited	U
43.	BASF India Limited	Ms. Anju Sharma Shri Ashok Sambandam	U

44.	PCRA	Surendra Pratap Shri M P Bangwal	O
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Abbreviations used :I- Industry, O- Govt./Official, T- R&D Institutions, L- Testing laboratories  
C- Consumer organization, U- User, E- Expert (Individual capacity)

## PCD 26 DYE INTERMEDIATE

**SCOPE:** To formulate Indian Standards for terminology, method of sampling and test and specifications for Dye intermediates.

**Chairman** -Prof. P. M. Bhate, Institute of Chemical Technology (ICT), Mumbai

<i>Sl. No.</i>	<i>Organization Represented</i>	<i>Name of Representative Principal/(Alternate)</i>	<i>Interest</i>
1.	ICT, Mumbai	Prof. P. M. Bhate, Chairman, PCD 26	T
2.	Atul Ltd., Atul, Valsad, Gujarat	Dr M. U. Rahman (Dr. J. G. Desai)	I
3.	Aarti Industries Limited, Mumbai	<b>Nomination awaited</b>	I
4.	Alkyl Amines Chemicals Ltd., Mumbai	Shri S. V. Nikumbhe Shri Kirat Patel	I
5.	Ankleshwar Research and Analytical Infrastructure Limited (ARAIL), Ankleshwar, Gujrat	Shri Mansukh H Vekaria	L
6.	Anachem Laboratories	Mr Sanjay Paranjape Shri M.K Nimkar(alternate)	T
7.	Archroma, Thane	<b>Nomination awaited</b>	I
8.	BASF India, Mumbai	Sh. Uday Kulkarni	I
9.	Bodal Chemicals Limited, Ahmedabad	<b>Nomination awaited</b>	I
10.	The Bombay Textile Research Association (BTRA), Mumbai	Dr. Ashok N. Desai	T
11.	Centre of Excellence, Vapi, Gujrat	Nomination awaited	L
12.	Central Revenues Control Laboratory, New Delhi	Dr. T. A. Sreenivasa Rao Sh. S.C. Mathur	G/O
13.	Colourtex Industries Limited, Mumbai	Dr. Pankaj Desai (Shri Ismail Habibulla)	I
14.	The Dyestuffs Manufacturers Association of India (DMAI), Mumbai	Prof. (Dr.). V. R. Kanetkar	I
15.	Deepak Nitrite Ltd, Vadodra	Shri Shailesh Raval Dr Mangalya Kar	I
16.	The DyeStar-Texanlab Mumbai	Ms Trina Viegas	T
17.	Ecological and Toxicological Association of Dyes (ETAD), Vadodra	Dr. Pariti Siva Rama Kumar	I
18.	Gujarat Dyestuffs Manufacturers' Association(GDMA), Ahmedabad	Shri R. S. Patel Shri Bansibhai Patal	I

19.	Gujarat Pollution Control Board(GPCB), Gandhinagar, Ahmedabad	Shri Y. A. Tai	O
20.	Heubach, Colour Pvt. Ltd,Mumbai	Sh. J. I. Sevak Sh. Vinod Madhukar	I
21.	Huntsman Textile Effects, Mumbai	<b>Nomination awaited</b>	I
22.	Indian Chemical Council, Mumbai	Dr. Pravin Kumar Singh (Dr. N. J. Singh)	I
23.	Jay Chemical Industries, Ahmedabad	Shri P. S. Kulkarni Dr C.V Dambe	I
24.	Kiri Industries Limited, Ahmedabad	<b>Nomination awaited</b>	I
25.	Meghmani dyes and Intermediates Limited, Ahmedabad	<b>Nomination awaited</b>	I
26.	Ministry of Defence (R&D), New Delhi	Dr. B. N. Tewari	O
27.	Ministry of Chemicals & Fertilizers, Department of Chemicals & Petrochemicals, New Delhi	Shri Sanjay Bansal (Shri Jasbir Singh)	O
28.	Ministry of Environment and Forest, Govt. of India, New Delhi	<b>Nomination awaited</b>	O
29.	National Test House (NTH), Kolkata	Shri P. K. Chakraborty (Shri Y. C. Nijhawan)	L
30.	Nimkar Tek Technical Service Pvt. Ltd	Ullhas M Nimkar	T
31.	Nova dyestuffs Industries Pvt. Ltd., Surat	<b>Nomination awaited</b>	I
32.	Sudarshan Chemical Industries Ltd., Pune	Dr. Jaychandran M Nair	I

***Abbreviations used :I- Industry, O- Govt./Official, T- R&D Institutions, L- Testing laboratories  
C- Consumer organization, U- User, E- Expert (Individual capacity)***

**PCD 27 METHODS OF SAMPLING AND TEST FOR PLASTICS SECTIONAL  
COMMITTEE**

**Scope**

To formulate Indian Standards for terminology, methods of sampling and test for plastics.

**Chairman-Prof. (Dr.) S. K. Nayak, DG - CIPET**

Sl No.	Name of the Organization	Name of the Representative Principal/ Alternate	Interest
1.	Central Institute of Plastics Engineering & Technology (CIPET), Chennai	Dr. S. N. Yadav (Dr. Smita Mohanty)	T
2.	Central Food Technological Research Institute (CFTRI), Mysore	Dr. Arun Kumar P (Mr. R. S. Matche)	T
3.	Shriram Institute for Industrial Research, Delhi	Dr Ajay Kumar Tyagi (Mr Subrata Pal)	L
4.	Heubach Ltd., Vadodara	Shri J Sevak	I
5.	National Dairy Development Board, Pune	Shri R.S. Lahane (Shri Suresh Pahadia)	U
6.	Ministry of Defence (DGQA), Kanpur	Shri R. K. Boruah (Shri K.I. Singh )	U
7.	CSIR- Indian Institute of Toxicological Research (IITR), Lucknow	Dr. Devendra Parmar (Dr Satyakam Patnaik)	T
8.	Reliance Industries Ltd., Mumbai	Shri S.V. Raju (Dr. E. Sundaresan) (Dr.Sunil Mahajan)	I
9.	Sabic Innovative Plastics, Gurgaon	Dr. Narayana Rao A	I
10.	All India Plastic Industries Association, Delhi	Shri Ravi Kr. Agarwal (Shri P.P. Tuteja)	I
11.	Indian Institute of Packaging, Mumbai	Dr. S.K Chattopadhyay (Shri M. Chakraborty)	T
12.	GAIL (India) Ltd., NOIDA	Dr. T. P. Antony (Dr. S. Mahanti)	T
13.	National Chemical Laboratory, Pune	Dr. B.D. Sarwade (Dr. P.G. Shukla)	T
14.	Pidilite, Mumbai	Dr. Mohanlal Digar	I
15.	ATIRA, Ahmedabad	Dr. D. Sutharia (Shri Hitesh Solanki)	T
16.	Under writer laboratories	Shri Prasad Shankarappa	L

17.	Indian Oil Corporation,R&D Centre, Faridabad	Shri Vivek Mehta (Shri Raja Poddar)	I
18.	ONGC, Petro Additives (OPAL), New Delhi	Nomination awaited	I
19.	SGS Laboratories, Gurgaon	Gita Kataria	L
20.	Exxon Mobil, Bangalore	Shri Pradeep	I
21.	NTH, Kolkata	Smt. Saly (Shri. S.P.Kalia)	L
22.	RDSO,Lucknow	Mr Hamid Akhtar (Mr V.K Agarwal )	U
23.	HAL (Composite Division), Bangalore	Nomination Awaited	I
24.	BEL, Bangalore	Mr. C.P. Suresh	I
25.	Sintex	Mr. S. Venkatraman	I
26.	3M Innovative, Bangalore	Shri Arun Awasthi	I
27.	Devi Polymer	Nomination Awaited	I
28.	Atul Products, Valsad	Dr. Mahesh Soni (Dr. Jayesh K. Joshi)	I
29.	BHEL (R&D), Hyderabad	Dr. Sukumar Roy	U
30.	Plastindia Foundation, Mumbai	Mr. Mihir Banerjee Dr. E. Sundaresan	I
31.	Voluntary Organization in Interest of Consumer Education (VOICE), New Delhi	Nominations to be sought	C

**Abbreviations used :I- Industry, O- Govt./Official, T- R&D Institutions, L- Testing laboratories  
C- Consumer organization, U- User, E- Expert (Individual capacity)**



## PCD 28 SPORTS GOODS

### Scope

To formulate Indian Standards for terminology; safety requirements, methods of sampling and test; specifications for sports goods and related products and activities including Gymnasium equipment and physical fitness equipments, excluding amusement rides, mountaineering and adventure sports.

**Chairman** – Shri Tarun Dewan, Executive Director, Sports Goods Export Promotion Council

Sl No.	Name of Organization	Name of the Representative Principal/Alternate	Interest
1	Office of Development Commissioner, Delhi	Shri S N Tripathi	O
2	Integrated Child Development Services, Ministry of Women & Child Development, New Delhi	Joint Secretary Nomination to be sought	O
3	Shriram Institute for Industrial Research, Delhi	Dr. Rajesh Kumar Raina Nomination to be sought	L
4	Central Institute of Plastics Engineering & Technology (CIPET), Murthal	Nomination to be sought	T
5	SGMEA, Meerut	Shri Trilok Anand Shri R K Jain (alternate)	I
6	Consumer Association of India, Chennai	Smt. Nirmala Desikan (Shri M R Krishnan)	C
7	Director Equipment Sports Authority of India, New Delhi	Shri Roque Dias Nomination to be sought	O
8	The Sports Goods Export Promotion Council, New Delhi	Shri Jagjit Singh Nomination to be sought	I
9	Sports Goods Manufacturers and Exporters Association, Jalandhar	Shri Vipin Mahajan Nomination to be sought	I
10	COSCO (India) Pvt. Ltd, Gurgaon	Shri Narinder Jain (Shri Manish Jain) Nomination to be sought	I
11	Process Cum Product Development Centre, Meerut	Shri Sunil Gupta Shri V.K.Singh	T
12	B.D. Mahajan & Sons Pvt. Ltd., Meerut	Shri Rakesh Mahajan	I

13	Freewill Sports (Pvt.) Ltd., Jalandhar	Shri Rajesh Kharbanda Nomination to be sought	I
14	Gymnastic Federation	Shri Riaz Bhati Nomination to be sought	I
15	Stag International Sports, Meerut	Shri Rakesh Kohli Shri Vivek Kohli	I
16	Hockey India	Nomination to be sought	U
17	Athletic Federation of India	Nomination to be sought	U
18	DGQA, Min. of Defence	Nomination to be sought	U
19	Motilal Nehru School of Sports, Rai, Sonapat, Haryana	Nomination to be sought	U
20	IRMRA, Mumbai	Dr K Rajkumar	I
21	SGS Laboratory, Gurgaon	Nomination to be sought	T
22	VOICE, Delhi	Shri M A U Khan	C
23	All India Lawn Tennis Association (AILTA), New Delhi	Nomination to be sought	U
24	The Board of Control for Cricket in India (BCCI), New Delhi	Nomination to be sought	U
25	Central Stores Department (CSD)	Nomination to be sought	U
26	NDMC, New Delhi	Nomination to be sought	U
27	Kendriya Vidyalaya Sangathan, New Delhi	Nomination to be sought	U
28	DGS&D, New Delhi	Nomination to be sought	U
29	NELCO (India) Pvt Ltd, Meerut	Shri Kamal Anand	I
30	Premier Leg guard works, Meerut	Shri Sumesh Agarwal	I
31	VATS Sports, Meerut	Shri Lokesh Vats	I
32	Universal Sports, Jalandhar	Nomination to be sought	I
33	Bhalla International, Meerut	Nomination to be sought	I

**Abbreviations used :-I- Industry, O- Govt./Official, T- R&D Institutions, L- Testing laboratories**

**C- Consumer organization, U- User, E- Expert (Individual capacity)**

## PCD 29 METHODS OF TEST FOR RUBBER AND RUBBER PRODUCTS

### SCOPE

To formulate Indian Standards for terminology, methods of sampling and test, codes of practice and environmental aspects of rubber and rubber products.

**Chairman** - Shri K. Rajkumar, Indian Rubber Manufacturers Research Association, Thane.

Sl. No	Organization	Represented by	Interest
1.	Indian Rubber Manufacturers Research Association, Thane	Shri Raj Kumar, Director, IRMRA (Chairman)	A
2.	The Rubber Board, P.B. No:1122, Keezhukunnu, Sub Jail Road, Kottayam -686 002 Kerala, India	<b>Dr James Jacob, Director (Research)</b> , Rubber Board Dr Siby Varghese(Alternate)	O
3.	Attuned Polymers Ltd., Mumbai	Shri Mehul Patel	M
4.	HASETRI, Rajasamand, Rajasthan	Shri Saikat Das Gupta	M
5.	Ministry of Defence (DGQA), New Delhi	Shri S. K. Saxena (Shri V.K. Chhabra)	O
6.	Apollo Tyres Ltd., Kerala	Dr. Arup K. Chandra (Shri T. D. Varkey)	M
7.	All India Rubber Industries Association, Mumbai	Srikanth Krishnamurthy (Shri Amlesh Roy)	A
8.	Export Inspection Council of India, Ministry of Commerce & Industry, New Delhi	Shri K.J. Srivastava (Shri S.K. Saxena)	O
9.	Automotive Tyres Manufacturers Association (ATMA), New Delhi	Mr. Rajiv Budhraja (Mr. Vinay Vijayvargia)	M
10.	National Test House, Kolkata	Smt. Saly C. M. (Dr. Nishi Srivastava)	L
11.	Rado Industries Ltd. Faridabad	Shri P. C. Gupta	M
12.	Polymer Consultancy Services P. Ltd	Dr. R. K. Matthan	M
13.	LPG Equipment Research Center, Bangalore	Shri A Krishna Shri KK Thakur(Alternate)	T
14.	Association of Latex Producers of India, Kottayam	Dr. Sunny Sebastian Shri Satish Abraham	A
15.	Indian Synthetic Rubber Limited, Panipat	Nomination awaited	T
16.	Hi Tech Carbon	Nomination awaited	M

17.	Lanxess India	Nomination awaited	M
18.	Nocil Limited	Nomination awaited	M
19.	Himadri Chemicals and Industries Limited	Nomination awaited	M
20.	MRF Tyres	Nomination awaited	M
21.	Voluntary Organization in interest of Consumer Education (VOICE), New Delhi	Shri M.A.U. Khan (Shri B.K.Mukhopadhyay)	T
22.	Central Institute of Plastics Engineering & Technology (CIPET)	Dr. Smita Mohanty(Senior Scientist) <i>Mr.M.Navaneethan(Technical officer)</i>	T
23.	IOCL R&D	Nomination awaited	M

**Abbreviations used :- Industry, O- Govt./Official, T- R&D Institutions, L- Testing laboratories**

**C- Consumer organization, U- User, E- Expert (Individual capacity)**