**कार्यसूची**

**AGENDA**

**रसायन विभाग परिषद (सीएचडी)**

**की**

**29 वी बैठक**

**TWENTY NINTH MEETING**

**OF**

**CHEMICAL DIVISION COUNCIL (CHDC)**

**13 सितंबर 2024**

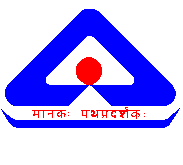
**लाल सी वर्मन हॉल, भारतीय मानक ब्‍यूरो**

**मानक भवन, नई दिल्‍ली**

**13 September 2024**

**Lal C Verman Hall**

**BIS, Manak Bhavan, New Delhi**



**BUREAU OF INDIAN STANDARDS**

**MANAK BHAVAN, 9, BAHADUR SHAH ZAFAR MARG,**

**NEW DELHI 110 002**

**CHEMICAL DIVISION COUNCIL(CHDC) 29THMEETING**

|  |  |  |
| --- | --- | --- |
| **DAY& DATE** | **TIME** | **VENUE** |
| Friday  13th September 2024 | 1100h | PHYSICAL  Lal C Verman Hall  Manak Bhavan,New Delhi |

## MEETING LINK

## - <https://bismanak.webex.com/bismanak/j.php?MTID=m55ccd3d9d52138cafb0a31708fc42da4>

## MEETING ID - 2512 034 3946

## PASSWORD – CHDC@29

|  |  |
| --- | --- |
| CHAIRPERSON | DR. SOURAV PAL, Professor & Head, Departmentt of Chemistry, Ashoka University, Sonipat |
| MEMBER SECRETARY | **Mr. AJAY KUMAR LAL, Scientist-F & Head,**  **Chemical Department(BIS)** |

**Item 0 GENERAL**

* 1. **Welcome by DDG (Standardization-I)**
  2. **Opening Remarks by Chairperson, CHDC**

**Item 1 CONFIRMATION OF THE PROCEEDINGS OF THE 28th MEETING OF CHEMICAL DIVISION COUNCIL**

**1.1** 28th meeting of Chemical Division Council (CHDC) was held in hybrid mode (physical + virtual) on 15TH February 2024.The proceedings of the meeting were circulated to the members on 07th March 2024. No comments received.

***The Council may kindly CONFIRM the proceedings as circulated on 07th March 2024.***

## Item 2 ACTIONS TAKEN ON THE DECISIONS OF THE 27thMEETING

**2.1**The summary of actions taken on the decisions arrived at during the 28th meeting of CHDC are reported at**[ANNEX I](D:\\Rajnish D Drive\\ALL CHD COMMITTEES FOLDERS\\सीएचडीसी CHDC\\28th meeting\\FINAL AGENDA AND PROCEEDINGS\\ANNEXES\\ANNEX I ACTIONS TAKEN ON THE PROCEEDINGS OF 27TH MEETING.docx)**[..](D:\\Rajnish D Drive\\ALL CHD COMMITTEES FOLDERS\\सीएचडीसी CHDC\\28th meeting\\FINAL AGENDA AND PROCEEDINGS\\ANNEXES\\ANNEX I ACTIONS TAKEN ON THE PROCEEDINGS OF 27TH MEETING.docx)



***The Council may NOTE.***

## Item 3 SCOPE AND COMPOSITION OFCHEMICAL DIVISION COUNCIL, CHDC

**3.1 General**

This is for information of the Council members that the Scope and Composition of CHDC and the Sectionial Committees functioning under CHDC are available on BIS website ,<http://www.bis.gov.in>. It can be accessed by visiting the url <https://www.services.bis.gov.in:8071/php/BIS_2.0/bisconnect/dgdashboard/committee_sso/committeeDetails/62>. and <https://www.services.bis.gov.in:8071/php/BIS_2.0/bisconnect/dgdashboard/committee_sso/> respectively. These are updated periodically and as and when changes approved by the Divison Council/Standards Advisory Committee (SAC).

***The Council may NOTE.***

## 3.2 Present Scope and Composition of Chemical Division Council, CHDC

**3.2.1** The present Scope and Composition of Chemical Division Council (as approved by the Standards Advisory Committee in its 22nd meeting held on 30 12 2021) along with the attendance data for last three meetings and the list of Chairpersons of various Sectional Committees under CHDC are given below:

**SCOPE**

Standardization in the fields of

a) Chemicals and Chemical products including Photographic materials, Electroplating chemicals, Paints and related products, Glass, Ceramicwares, Soaps and Other Surface Active Agents, Lac and Lac Products, Industrial Gases, Explosives and Pyrotechnics, Water Quality for industrial purposes, Thermal Insulation, and Nuclear Materials; including nano materials and standards for synthetic nano materials.

b) Paper, Stationery items, Leather, Leather Products, Footwear and Brushware.

c) Occupational Health, Safety, Environmental Management, Environment Protection, Waste Management, aspects of sustainability relevant to environment, and Chemical Hazards.

**DETAILS OF LAST 3 MEETINGS**

|  |  |  |
| --- | --- | --- |
| **No. of meeting** | **Dates** | **Place** |
| **26th** | **15 02 2023** | **HYBRID**  **(PHYSICAL + VIRTUAL)** |
| **27th** | **11 09 2023** | **HYBRID**  **(PHYSICAL + VIRTUAL)** |
| **28th** | **15 02 2024** | **HYBRID**  **(PHYSICAL + VIRTUAL)** |

**Chairperson: Dr. Sourav Pal, Professor & Head, Department of Chemistry, Ashoka University, Sonipat**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl.**  **No.** | **Organisation Represented** | | **Principal/(Alternate)**  **Member** | **26th** | **27TH** | **28th** | **Total** | |
|  | | **Ashoka University, Sonipat** | **Dr. Sourav Pal**  **CHAIRPERSON**  [s.pal@iiserkol.ac.in](mailto:s.pal@iiserkol.ac.in)  [pal.sourav@gmail.com](mailto:pal.sourav@gmail.com)  Mob. 9890335662 | **√** | **√** | **√** | **3/3** |
|  | | Bhabha Atomic Research Centre, Mumbai | Dr. Ajay Kumar Singh  [ajaysingh@barc.gov.in](mailto:ajaysingh@barc.gov.in)  Mob. 9987899751  Dr. M Anitha  [manitha@barc.gov.in](mailto:manitha@barc.gov.in)  Mob.--------- | **√** | **√** | **√** | 3/3 |
|  | | CSIR-National Physical Laboratory, New Delhi | Dr. Tuhin Kumar Mandal  [tuhin@nplindia.org](mailto:tuhin@nplindia.org)  Mob.  9818479956  (Dr. Nahar Singh)  [naharsingh@nplindia.org](mailto:naharsingh@nplindia.org)  Mob. 9968246475 | - | **√** | **√** | 2/3 |
|  | | CSIR- Central Electro Chemical Research Institute, Karaikudi | (Dr. M Anbukulandainathan)  [anbu@cecri.res.in](mailto:anbu@cecri.res.in); [manbu123@gmail.com](mailto:manbu123@gmail.com)  Mob.----------- | - | **√**  **(CH 5)** | - | 1/3 |
|  | | CSIR - Central Leather Research Institute, Chennai | Director, CLRI  (Dr. K J Sreeram)  [kjsreeram@clri.res.in](mailto:kjsreeram@clri.res.in)  Mob. 9840125263 | **√**  **(CH 17)** | **√**  **(CH 17)** | **√**  **(CH 17)** | 3/3 |
|  | | CSIR- National Environmental Engineering Research Institute, Nagpur | Dr Sukdeb Pal  [s\_pal@neeri.res.in](mailto:s_pal@neeri.res.in)  Mob. 7588978824  (updated nomination received in May 2022)  Dr. Amit Bansiwal  [ak\_bansiwal@neeri.res.in](mailto:ak_bansiwal@neeri.res.in)  Mob.  9422824312 | **√** | **√** | **√** | 3/3 |
|  | | CSIR- Central Glass & Ceramic Research Institute, Kolkata | Dr. Sunirmal Jana  [sjana@cgcri.res.in](mailto:sjana@cgcri.res.in)  [janasunirmal@hotmail.com](mailto:janasunirmal@hotmail.com)  Mob. 9432355818  Dr. Mukul Chandra Paul  [mcpal@cgcri.res.in](mailto:mcpal@cgcri.res.in)  [paulmukul@hotmail.com](mailto:paulmukul@hotmail.com)  Mob. 9474456378  (Both nominations received on 3rd May 2024) |  |  |  |  |
|  | | Central Pollution Control Board, New Delhi | Shri Dinabandhu Gouda  [dinabandhu.cpcb@nic.in](mailto:dinabandhu.cpcb@nic.in)  Mob. 9868143169  **(**Nomination received in april 2022) | **√** | **√** | **√** | 3/3 |
|  | | Centre for Fire, Explosive and Environment Safety (CFEES), Defence Institute of Fire Research, Min of Defence, New Delhi | (Dr.Durgesh Nandini)  [durgesh.cfees@gov.in](mailto:durgesh.cfees@gov.in)  8287804886  (Dr.Pankaj Sharma)  [pankajshaema.cfees@gov.in](mailto:pankajshaema.cfees@gov.in)  9911244540  (both nominations received on 08 July 2024) | **√**  (PHY) | **√** | **√** | 2/3 |
|  | | Common Cause, Delhi | Shri Vipul Mudgal  [vipulmudgal@gmail.com](mailto:vipulmudgal@gmail.com)  Mob. 9818399055 | **√** | - | - | 1/3 |
|  | | Consumer Education & Research Centre, (CERC), Ahmedabad | Ms. Anandita Mehta  [chemical.anindita@gmail.com](mailto:chemical.anindita@gmail.com)  Mob.  9727333033  (Shri JB Patel)  [cerc@cercindia.org](mailto:cerc@cercindia.org)  Mob.------------ | **√** | **√** | **√** | 3/3 |
|  | | Consumer Guidance Society of India, Mumbai | Shri Sitaram Dixit  [sitaram.dixit@gmail.com](mailto:sitaram.dixit@gmail.com)  Mob. 9967607095  (Dr. M. S. Kamat)  [dr.m.s.kamath@gmail.com](mailto:dr.m.s.kamath@gmail.com)  Mob. 9820455858 | **√** | **√** | **√** | 3/3 |
|  | | CONSUMER VOICE, New Delhi | Shri M. A. U. Khan  [mauk010144@gmail.com](mailto:mauk010144@gmail.com)  Mob. 9810561495  (Shri.Rajiv Jha)  [jrajiv08@gmail.com](mailto:jrajiv08@gmail.com)  9911589301  (new alternate nomination received on 22 12 2023) | **√** | **√** | **√** | 3/3 |
|  | | Directorate General, Factory Advice Service & Labour Institutes (DGFASLI), Mumbai | Dr. S B Mishra  [sm@dgfasli.nic.in](mailto:sm@dgfasli.nic.in)  Mob.-----------  (new nomination received in 16 Nov.2023)  (Shri Kunal Sharma)  [sharma.kunal@dgfasli.nic.in](mailto:sharma.kunal@dgfasli.nic.in)  Mob. 9899056933 | **√** | **√** | - | 2/3 |
|  | | (DGQA), Controllerate of Quality Assurance (Materials), Kanpur | Shri A K Kanaujia  [stores-dgqa@nic.in](mailto:stores-dgqa@nic.in)  Mob. 7080430017  Shri B S Tomar  [cqamknp-dgqa@nic.in](mailto:cqamknp-dgqa@nic.in)  Mob------------  (new nomination received in May 2022 | **√** | **√** | **√** | 3/3 |
|  | | Export Inspection Council, New Delhi | Dr. Rajesh R.  [eia-mumbai-lab2@eicindia.gov.in](mailto:eia-mumbai-lab2@eicindia.gov.in)  Mob.--------  Ananda Gupta   [jd1@eicindia.gov.in](mailto:jd1@eicindia.gov.in)  Mob--------  Somnath Das   [eia-kolkatalab@eicindia.gov.in](mailto:eia-kolkatalab@eicindia.gov.in)  Mob----------  (co-opted in 24th meeting) | - | - | - | 0/3 |
|  | | Gujarat Alkalies & Chemicals Ltd, Vadodara | Shri Shailesh A Patel  [shailesh.a.patel@gacl.co.in](mailto:shailesh.a.patel@gacl.co.in)  Mob---------  (Shri Varendrasinh Mahida)  [virendrasinh.mahida@gacl.co.in](mailto:virendrasinh.mahida@gacl.co.in)  Mob------------  (both nominations received in July 2023) | - | **√** | - | 1/3 |
|  | | Indian Chemical Council, Mumbai | Mr Dhrumil Soni  [regulatory@iccmail.in](mailto:regulatory@iccmail.in)  [dhrumilSoni@iccmail.in](mailto:dhrumilSoni@iccmail.in)  Mob. 9510958263  Smt. Shraddha Rane  [iccnhq@iccmail.in](mailto:iccnhq@iccmail.in)  Mob. 9892226428  (both nominations received on 14 02 2023) | **√** | **√ (PH)** | **√** | 3/3 |
|  | | Indian Council of Medical Research, New Delhi | (Dr. R. S. Dhaliwal)  [dhaliwalrs.hq@icmr.gov.in](mailto:dhaliwalrs.hq@icmr.gov.in)  Mob. 9810406150  Dr. Geetika Yadav  [geetikayadav@icmr.org.in](mailto:geetikayadav@icmr.org.in)  Mob----------  (alternate new nomination received in April 2022) | **√** | **√** | **√** | 3/3 |
|  | | ICMR-National Institute of Occupational Health (NIOH) | Dr. P. Sivaperuma  [sivaperumal.p@gov.in](mailto:sivaperumal.p@gov.in)  Mob-----------  (Dr. Kuldip Upadhjyay)  [upadhyay.kul@icmr.gov.in](mailto:upadhyay.kul@icmr.gov.in)  Mob----------  (coopted in 24th meet) | - | - | **√** | 1/3 |
|  | | Indian Institute of Chemical Engineers, Kolkata | (Dr. Siddhartha Mukherjee)  [iichehq@gmail.com](mailto:iichehq@gmail.com)  Mob-------------  (both nominations received on 25 04 2022) | **√** | - |  | 1/3 |
|  | | Indian Institute of Packaging, Mumbai | Dr. Tanweer Alam  [director-iip@iip-in.com](mailto:director-iip@iip-in.com) | - | - | **√** | 1/3 |
|  | | Indian Institute of Petroleum, Dehradun | Shri Sandip Ganguly  [sganguly@iip.res.in](mailto:sganguly@iip.res.in)  Mob------------  (Dr. N Viswanadham) [nvish@iip.res.in](mailto:nvish@iip.res.in)  Mob. ~~9410154176~~ (number not in use) | **√** | **√** | **√** | 2/3 |
|  | | Indian Paper Manufacturers Association, New Delhi | Mr. Biswaranjan Dash  [biswaranjan.dash@jkmail.com](mailto:biswaranjan.dash@jkmail.com)  Mob.9910559824  (Mr. Rohit Pandit)  [sg@ipmaindia.org](mailto:sg@ipmaindia.org)  Mob. 9818425679 | **√** | **√ (PH)** | **√** | 3/3 |
|  | | Institute of Chemical Technology, Mumbai | Prof. A B Pandit  [vc@ictmumbai.edu.in](mailto:vc@ictmumbai.edu.in)  [ab.pandit@ictmumbai.edu.in](mailto:ab.pandit@ictmumbai.edu.in)  Mob-------------  (Prof.S S Bhagwat)  [ss.bhagwat@ictmumbai.edu.in](mailto:ss.bhagwat@ictmumbai.edu.in)  Mob--------------------  (both nominations received on 04 May 2022) | - | **√** | - | 1/3 |
|  | | Kokuyo Camlin Limited, Mumbai | Dr.Gulzar Waghoo  [gulzar.waghoo@kokuyocamlin.com](mailto:gulzar.waghoo@kokuyocamlin.com)  Mob-----------  (nomination received in July 2022)  Mrs. Sayaali Sarfare  [sayali.sarfare@kokuyocamlin.com](mailto:sayali.sarfare@kokuyocamlin.com)  Mob. 9819101357 | **√** | - | - | 1/3 |
|  | | Ministry of Chemical and Fertilizers Department of Chemical and Petrochemicals, New Delhi | Dr. Rohit Mishra  [rohit.misra@nic.in](mailto:rohit.misra@nic.in)  (new nomination received on 07 May 2024) |  |  |  |  |
|  | | Ministry of Environment & Forests, New Delhi | Shri Ved Prakash Mishra  [mishra.vp@gov.in](mailto:mishra.vp@gov.in)  011-24695128  Shri Dinesh Runiwal  [d.runiwal@gov.in](mailto:d.runiwal@gov.in)  011-24695245 | **√** | - |  | 1/3 |
|  | | National Accreditation Board for Testing and Calibration Laboratories (NABL) | N. Venkateswaran (CEO)  [venkat@nabl.qcin.org](mailto:venkat@nabl.qcin.org)  9868159618  Anuja Anand, JD  [anuja@nabl.qcin.org](mailto:anuja@nabl.qcin.org)  9911203039  Pooja Singh, AD  [pooja@nabl.qcin.org](mailto:pooja@nabl.qcin.org)  Mob-------- | **√** | **√** |  | 2/3 |
|  | | National Chemical Laboratory, Pune | Dr. Ravindar Kontham  [k.ravindar@ncl.res.in](mailto:k.ravindar@ncl.res.in)   7507889557  (Dr. Utpal Das)  [u.das@ncl.res.in](mailto:u.das@ncl.res.in)   8806330583 | - | **√** |  | 1/3 |
|  | | National Safety Council, Navi Mumbai | Shri Lalit R. Gabhane, DG  [lalitgabhane@nsc.org.in](mailto:lalitgabhane@nsc.org.in)  9731829100  Shri A.Y. Sundker,  [aysundkar@nsc.org.in](mailto:aysundkar@nsc.org.in)  9869113269  Altrnate member Nomination received on 27 October 2021) | **√** | **√** | **√** | 3/3 |
|  | | National Test House (ER), Kolkata | Shri S. P. Kalia  [surendrapalkalia@nth.gov.in](mailto:surendrapalkalia@nth.gov.in)  9718227008 | - | **√** | **√** | 2/3 |
|  | | Office of the Development Commissioner (MSME), Min of Micro, Small and Medium Enterprises, New Delhi | Alak Mumar Mitra  [alak@dcmsme.gov.in](mailto:alak@dcmsme.gov.in)  7838963889  (Shri Pritendu Mal)  [pritendu.mal@dcmsme.gov.in](mailto:pritendu.mal@dcmsme.gov.in)  9674118414  (both Nomination received on 05 09 2023) | **√** | **√** | **√** | 3/3 |
|  | | Research Designs & Standards Organization (RDSO), Lucknow | Shri P K Bala  [dg@rdso.railnet.gov.in](mailto:dg@rdso.railnet.gov.in)  9794863213  (Shri Kamal Prakash Singh)  [singh150566@gmail.com](mailto:singh150566@gmail.com)  9794863207 | **√** | **√** | **√** | 3/3 |
|  | | Safety Appliances Manufacturers’Association, Mumbai | Mr. Mahesh Kudav,  [mahesh@venusohs.com](mailto:mahesh@venusohs.com)  9820040216  (Mr. Harshal Patil),  [harshal.patil@venusohs.com](mailto:harshal.patil@venusohs.com)   8879683348  ( Mr. Devang Mehta)  [devang.mehta@jaycosafety.com](mailto:devang.mehta@jaycosafety.com)  9898135444  (Mr. Mohammad)  [mohd@karam.in](mailto:mohd@karam.in)   9820761474 | **√** | **√** | **√** | 3/3 |
|  | | Steel Authority of India Limited (SAIL), New Delhi | Ms. D Sathya Devi  [sathyadevi@sail-bhilaisteel.com](mailto:sathyadevi@sail-bhilaisteel.com)  9407981712  Shri Pawan Kumar  [pawankr@sail.in](mailto:pawankr@sail.in)  9407984575  both Nomination received in May 2022) | - | - | - | 0/3 |
|  | | Tata Steel Ltd., Kolkatta | Shri. Raveendra Neerubhavi  [raveendra.n@tatasteel.com](mailto:raveendra.n@tatasteel.com)    9040079406  Dr. Aloke Kumar  [alk@tatasteel.com](mailto:alk@tatasteel.com)  9204058859  (both nominations recived in August 2022) | √  (PHY) | **√** | **√** | 3/3 |
|  | | Tata Chemicals Ltd., Mumbai | Shri Haresh T Gangaramani  [hgangaramani@tatachemicals.com](mailto:hgangaramani@tatachemicals.com)  (Shri Najmul Hasan Khan)  [nkhan@tatachemicals.com](mailto:nkhan@tatachemicals.com)  9227882133 | **√** | - | **√** | 2/3 |
|  | | The Energy and Resourses Institute (TERI), New Delhi | (Dr. Vidya S. Batra)  [vidyasb@teri.res.in](mailto:vidyasb@teri.res.in)  9999688611  (Dr R R N Sailaja Bhattacharya)  [sailajab@teri.res.in](mailto:sailajab@teri.res.in)  (new alternate nomination received on 25 July 2023) | **√** | **√** | **√** | 3/3 |
|  | | Inorganic Chemicals, CHD 1  (CH) | Shri K Srinavasan  [skannan@csmcri.res.in](mailto:skannan@csmcri.res.in)  Director, CSMCRI | **√** | **√** | **√** | 3/3 |
|  | | Electroplating and Photographic Material, CHD 5 (CH) | Dr. B. Subramanian, CECRI  [bsmanian@cecri.res.in](mailto:bsmanian@cecri.res.in) | - | **√** | - | 1/3 |
|  | | Industrial Gases, CHD 6 (CH) | Dr. Tuhin Kumar Mandal  [tuhin@nplindia.org](mailto:tuhin@nplindia.org) | - | **√** | **√** | 2/3 |
|  | | Chemical Hazards, CHD 7 (CH) | Shri Lalit R Gabhane  DG, NSC  [lalitgabhane@nsc.org.in](mailto:lalitgabhane@nsc.org.in) | - | **√** | **√** | 2/3 |
|  | | Occupational Safety And Health**,**CHD 8 (CH) | Shri Lalit R Gabhane  DG, NSC  [lalitgabhane@nsc.org.in](mailto:lalitgabhane@nsc.org.in) | **√** | **√** | **√** | 3/3 |
|  | | Ceramicware, CHD 9 (CH) | Director CGCRI  [director@cgcri.res.in](mailto:director@cgcri.res.in) | - | - | - | 0/3 |
|  | | Glass, Glassware and Laboratoryware, CHD 10 (CH) | Director, CGCRI  [director@cgcri.res.in](mailto:director@cgcri.res.in) | - | - | - | 0/3 |
|  | | Water Quality for Industrial Purposes, CHD 13 (CH) | Dr.K.P.Bhattacharya, BARC  [kpbhatt@barc.gov.in](mailto:kpbhatt@barc.gov.in) | - | - | - | 0/3 |
|  | | Printing Inks, Stationery and Allied Products, CHD 14 (CH) | Shri Subir Kumar Mandal,  Superintendent, Govt. Printing, Govt. of West Bengal  [subirkumarmandal70@gmail.com](mailto:subirkumarmandal70@gmail.com) | **√** | **-** | **√** | 2/3 |
|  | | Paper and its Products, CHD 15 (CH) | Director (Dr.L P Singh)  CPPRI  [director.cppri@gmail.com](mailto:director.cppri@gmail.com) | **√** | **√ (PH)** | **√** | 3/3 |
|  | | Paper based Packaging Materials, CHD 16 (CH) | Dr. Tanweer Alam, Director, IIP  [director-iip@iip-in.com](mailto:director-iip@iip-in.com) | - | - | **√** | 1/3 |
|  | | Leather, Tanning Materials and Allied Products, CHD 17 (CH) | Dr. K J Sreeram,  Director, CLRI  [kjsreeram@clri.res.in](mailto:kjsreeram@clri.res.in) | **√** | **√** | **√** | 3/3 |
|  | | Footwear, CHD 19 (CH) | Dr B N Das, in personal capacity  [bhabendra@gmail.com](mailto:bhabendra@gmail.com) | **√** | - | **√** | 2/3 |
|  | | Paints, Varnishes And Related Products CHD 20 (CH) | Prof. P. A. Mahanwar, Vice Chancellor, Punyashlok Ahilyadevi Holkar Solapur University, Solapur  [vco@sus.ac.in](mailto:vco@sus.ac.in) | - | - | **√** | 1/3 |
|  | | Raw Materials for Paints, Varnishes and Related Products, CHD 21 (CH) | Prof. A S Khanna, in personal capacity  [anandkh52@gmail.com](mailto:anandkh52@gmail.com) | - | - | **√** | 1/3 |
|  | | Brushware, Polishes, Lac&Lac Products, CHD 23 (CH) | Director (Dr. Abhijit Kar)  National Institute Of Secondary Agriculture  [director.icar.nisa@gmail.com](mailto:director.icar.nisa@gmail.com)  [director.nisa@icar.gov.in](mailto:director.nisa@icar.gov.in) | **√** | - | **√** | 2/3 |
|  | | Soaps and other Surface Active Agents, CHD 25 (CH) | Dr.P K S Yadav, HBTU, Kanpur  [hodot@hbtu.ac.in](mailto:hodot@hbtu.ac.in) | **√** | **√** | **√** | 3/3 |
|  | | Explosives and Pyrotechnics, CHD 26 (CH) | Dr. A. P. Dash, Director, HEMRL  [director.hemrl@gov.in](mailto:director.hemrl@gov.in) | - | - | - | 0/3 |
|  | | Thermal Insulation, CHD 27 (CH) | Dr. Harpal Singh, Chief Scientist, CBRI  [harpal@cbri.res.in](mailto:harpal@cbri.res.in) | - | - | - | 0/3 |
|  | | Nuclear Energy for Peaceful Applications, CHD 30 (CH) | Dr. D K Aswal  OS&Director, HS&EG BARC  [dkaswal@barc.gov.in](mailto:dkaswal@barc.gov.in) | - | - | **√** | 1/3 |
|  | | Environment Protection CHD 32 (CH) | (Dr.Atul Narayan Vaidya)  Director, NEERI  [director@neeri.res.in](mailto:director@neeri.res.in) | - | - | - | 0/3 |
| 1. C | | Solid Waste, CHD 33 (CH) | Dr.(Mrs). Anuradha Shukla,  [anuradha.crri@gmail.com](mailto:anuradha.crri@gmail.com)  In Personal Capacity | - | **√** | **√** | 2/3 |
|  | | Environmental Management, CHD 34 (CH) | Dr. S. K. Sharma  [sks\_erc@yahoo.com](mailto:sks_erc@yahoo.com)  In personal capacity | **√** | - | **√** | 2/3 |
|  | | Air Quality, CHD 35 (CH) | Dr. (Mrs) Gauri Pandit, in personal capacity  [ggp369@yahoo.co.in](mailto:ggp369@yahoo.co.in) | **√** | **√** | **√** | 3/3 |
|  | | Water Quality, CHD 36 (CH) | Shri N Raveendheer, EPTRI  [nraveendhar@rediffmail.com](mailto:nraveendhar@rediffmail.com) | **√** | - | **√** | 2/3 |

**C= Coopted, WD = withdrawal, CH = Chairperson, R= Regret, PHY=physically attended**

**3.2.2** The member organizations are requested to intimate Chemical Department, BIS at the e-mail addresses [hchd@bis.gov.in](mailto:hchd@bis.gov.in) and [chd@bis.gov.in](mailto:chd@bis.gov.in) regarding any change in the name, designation, address, e-mails, telephoneno., etc. of the nominees pertaining to CHDC or its sectional committees so that information available in the public domain are upto date to the extent possible. This is all the more important as all issues relating to technical committees are now being communicated electronically.

***The Council may NOTE.***

## 3.3 Guidelines for Review of Composition of CHDC

**3.3.1** During the internal review of composition by BIS, guidelines have been provided by DG through office order dated 03 January 2023 for review of composition *of Divisional Council and* Technical Committees (TC).

Keeping in view the present composition of Council at **3.2.1** vis-a-vis guidelines, composition of CHDC may be reviewed.

***The Council may REVIEW.***

**3.3.1.2 Co-option in CHDC**

As per guidelines the Council approved withdrawal of the organizations having 0/3 attendance. After withdrawal from CHDC, the following organizations again approached for representation in CHDC and sent their nominations:

1. CSIR- Central Glass & Ceramic Research Institute, Kolkata
2. Ministry of Chemical and Fertilizers Department of Chemical and Petrochemicals, New Delhi

**3.3.1.3 Withdrawal of Organization from CHDC**

In line with the BIS’ guidelines for participation in the technical committee work of BIS & the process reform measures of BIS and particularly the letter no. P&C/09/18/2023-PNC-BIS dated 09 November 2023 from DG BIS, the following organizations have 0/3 attendance and recommend for withdrawal:

1. Export Council of India, New Delhi
2. Steel Authority of India Limited (SAIL), New Delhi

**3.4 Implementation of Standardization Module**

Standardization module has been established to help the members/non members to comment on the documents from all the sectional committees

In this module, all technical committee members have been provided the registration facility to access the module in the committee(s) where they are represented. The members are recieving communication for relevant information through auto-generated e-mails on all activities of the concerned committees and will be able to respond accordingly through the module.

In this module, the following features have been added:

* Efficiency index of Technical Committees
* Attendance sheet of Technical Committee Meetings

***The Council may NOTE.***

**3.5 Reappointment of Chairperson of Chemical Division Council**

The tenure of Dr. Sourav Pal, Prof.(HAG), as the Chairperson of CHDC upto 20Aug 2026 has been approved by the Chair of Standards Advisory Committee at its 24th meeting held on 06th December 2023.

***The Council may NOTE.***

## Item 4 REVIEW AND RECONSTITUTION OF SECTIONAL COMMITTEES

**4.1 Review of Composition of Sectional Committees**

This has reference to the Tasks appearing on the dashboard of Hon’ble Minister, Ministry ofConsumers Affairs, Food and Public Distribution, New Delhi, requiring action to be taken on part of BIS. These tasks are as under:

**Task 714** : May re-examine all 300 committee. Extract data, total number, names andbackground of members present in the committee for more than 5-10 years. May conside rremoving members more than 10 years and for chairman with more than 5 years. Due diligence to be undertaken. May form or dissolve committees wherever required. May also do publicconsultations.

**Task 715** : May institutionalize a mechanism of sending polite letter to members who don’tattend committee meetings for two consecutive times and considers striking their names afterthe third meeting.

**Task 737** : BIS to reconstitute technical committees having members who have served more than 5 years of their tenure in their personal capacity or belonging to any private institution.

**4.1.1 Present Scope and Composition of Sectional Committees**

Present Scope and Composition of all the Sectional Committees functioning under CHDC are given in [**ANNEX-II.**](file:///D:\Rajnish%20D%20Drive\ALL%20CHD%20COMMITTEES%20FOLDERS\सीएचडीसी%20CHDC\28th%20meeting\FINAL%20AGENDA%20AND%20PROCEEDINGS\ANNEXES\ANNEX%20II%20COMPOSITION%20OF%20SECTIONAL%20COMMITTEES.docx)

**

The Council has reviewed the composition of all the Sectional Committees in CHDC meeting held on 13 06 2022 and reconstitution of sectional committees will be due after three years i.e. in 2025 as per guidelines.

***The Council may REVIEW.***

**4.2 REVIEW OF SECTIONAL COMMITTEES**

**4.2.1 Transfer of CHD 32, 33 and 34 to EED (Environment and Ecology Department)**

A new department Environment and Ecology has been created in BIS with a view to safeguard the environment, human health, and natural resources. The standards under the purview of this department can define acceptable levels of energy consumption, waste management procedures, and other measures for environmental and ecological preservation. They can encompass a wide array of activities such as addressing air and water pollution, proper disposal of hazardous waste, and conservation of biodiversity. Adhering to these standards can enhance environmental performance by offering clear and consistent guidelines for businesses and governments. Furthermore, it can contribute to lowering pollution levels, preserving natural resources, and safeguarding biodiversity, thereby addressing issues related to air and water quality, waste management, and climate change. Ultimately, the implementation of these standards can lead to an overall improvement in environmental performance throughout the region and help reduce the environmental impact of businesses and governments.

Standards Advisiory Committee has already approved the transfer of the following committees from CHD to EED.

* Environment Protection Sectional Committee, CHD 32
* Solid Waste Management Sectional Committee, CHD 33 and
* Environment Management Sectional Committee, CHD 34

Accordingly, the above committees of CHD may be transferred to EED as these subjects are more relevant to Environment and Ecology Department.

***The Council may NOTE.***

## 4.2 Recommendations for withdrawal of Representation from Sectional Committees

**4.2.1** In line with the BIS guidelines for participation in the technical committee work of BIS & the process reform measures of BIS and particularly the letter no. P&C/09/18/2023-PNC-BIS dated 09 November 2023 from DG BIS, attendance of members in sectional committee meeting is sine qua non for its effective and efficient functioning. Accordingly, the attendance of member organizations of all committees under CHDC was reviewed and the organizations which were observed to be absent from two consecutive meetings of the SC and/or fifty percent or more meetings of the Sectional Committee in a year have been recommended for removal from the committee composition.

**4.2.2** The Sectional Committees during the course of their meetings held since the last meeting of Chemical Division Council reviewed the composition of the concerned committees taking into consideration the advice of the Division Council and also its own review process. Accordingly, various committees recommended withdrawal of representations given to the organizations in view of their lack of participation/interest, the organizations having declined to accept the offer,etc. List of such organizations are given below.

**WITHDRAWAL OF REPRESENTATION**

|  |  |  |
| --- | --- | --- |
| Sectional Committee | Names of Organization | Reason |
| CHD 5 Electroplating chemicals and photographic materials | 1. Consolidated Metal Finishing Pvt. Ltd. | Non participation |
| CHD 8 Occupational Safety and Health | 1. RDSO | Non participation |
| CHD 9 Ceramicware | 1. Ants Ceramics Private Ltd., Thane 2. Bhabha Atomic Research Centre, Mumbai 3. National Institute of Technology, Rourkela 4. Somany Ceramics Limited, Bahadurgarh 5. Controller of Quality Assurance,DGQA Kanpur 6. FSSAI 7. Radheyshyam Industries 8. C-Met | Non participation  Already member in CHD 09 as DGQA, New Delhi  Nomination not received.  Nomination not received  Nomination received. |
| CHD 14 Priniting Inks, Stationary and Allied Products | 1. Shri R N Ghosh, in personal capacity 2. Shri A K Sinha, in personal Capacity 3. FSSAI | Non participation  Non participation  Nomination not received after various mails |
| Chd 15 Paper and its products | Govt. Printing, West Bengal | Non participation |
| CHD 16 Paperbased packaging materials | 1. Safepack Industries 2. Siegework India 3. Store Enso Industries | Non participation |
| CHD 17 Leather, tanning materials and allied products | 1. CGSI, Mumbai | lack of expertise in leather, as stated in the mail received from them. |
| CHD 19 Footwear | 1. DGQA 2. SLEEN | Non participation |
| CHD 20 Paints, varnishes and related products | 1. Pidilite Industries 2. Central Public Works Dept., New Delhi 3. Directorate of Naval Architectural 4. Ministry of Defence, Department of Standardization | Non participation |
| CHD 21 Rawmaterials for paints, varnishes and its products | 1. National Metallurgical Lab, Buramines, Jamshedpur 2. Tata pigment 3. Atul limited | Non participation  Nomination not received |
| CHD 23 Brushware, lac and lac products | 1. DPIIT 2. Department of Marketing and Inspection, Faridabad 3. Pidilite industries 4. Reckett and Benckiser 5. The Jharkhand state Co-op Lac Marketing & Procurement Fed Ltd., Ranchi 6. National Bamboo 7. Western Railway 8. Central Railway 9. Rail Coach Factory 10. Asian Paints, 11. Integral Coach Factory 12. Renshel Exports 13. Tajna Shellac 14. Tribal Cooperative Mktg. Development federation of India, Delhi 15. Northern Railway | Non participation of these organizations |
| CHD 27 Thermal Insulation | 1. Bureau of Energy Efficiency 2. CIPET, Chennai 3. CEA, New Delhi 4. CII, New Delhi 5. NTPC, New Delhi 6. National College of Fire and Safety Engg., Nagpur 7. SIIR, New Delhi 8. UP Twiga Fibreglass | Non participation  Merged in Saint Gobain |
| CHD 30 Nuclear energy for peaceful application | 1. Nuclear Fuel Complex 2. All India Institute of Medical Science 3. BHAVINI, Kalpakam 4. Hindustan Construction Company | Non participation  Nomination not received  Nomination not received.  Nomination not received. |
| CHD 33 | 1. National Solid Waste Association of India |  |
| CHD 35 Air Quality | 1. Dr.Sanjib Goswami, in personal capacity | As he is now represent Envirocare East Pvt. Ltd. |
| CHD 36 Water Quality | 1. Dr.Sanjib Goswami, in personal capacity 2. Department of Engg., IIT, Madras | As he is now represent Envirocare East Pvt. Ltd.  Inactive |

***The Council may CONSIDER and APPROVE.***

## 4.3 Recommendations for Co-option in Sectional Committees

The Sectional Committees during the course of their meetings held since the last meeting of Chemical Division Council also considered representation to some organizations in view of their interest/expertise in the activities of the concerned committee. The list of organizations co-opted by various Sectional Committees in view of their need for association in the work of the respective Sectional Committees is given below:

**RECOMMENDATIONS ON CO-OPTION IN SECTIONALCOMMITTEES**

|  |  |
| --- | --- |
| Sectional Committee | Name of organization |
| CHD 5 Electroplating and Photographic Materials | 1. Parekh Industries Ltd. Mumbai |
| CHD 8 Occupational Safety and Health | 1. CIMFR 2. CLRI, Chennai 3. Directorate of Standardization, Ministry of Defence, New Delhi 4. DGFASLI 5. Larsen & Tubro 6. Cement Manufacturers’ Association |
| CHD 9 Ceramicware | 1. M/s Ceramic Tableware & Kitchenware Manufacturers Association |
| CHD 10 Glass, glassware and laboratoryware | 1. Shri Devendar kumar, in personal capacity 2. Shri Srikant Gangan, in personal capacity |
| CHD 13 Water for industrial purposes | 1. Indian Chemical Council (withdrawan in last meeting but after that he attended two meetings) 2. BARC, Water and Stream Chemistry Division ,Kalpakam (withdraw in last meeting but attended next meeting so coopted) |
| CHD 15 Paper and its products | 1. DPIIT 2. DGQA 3. NTH |
| CHD 16 Paperbased packaging materials | 1. DPIIT |
| CHD 19 Footwear | 1. CFTI, Chennai |
| CHD 20 Paints, varnishes and its related products | 1. Shalimar paints |
| Chd 21 Rawmaterials for paints, varnishes and related products | 1. Shalimar paints 2. HBTU 3. MSME 4. ISSPA |
| CHD 23 Brushware, lac and lac products | 1. Wecare Brush |
| CHD 25 Soaps, Detergents and Surface Active Agents | 1. Bengal Soaps and Detergents Manufacturers Welfare Association 2. ASSOCHAM 3. DGQA 4. Oil Technologist Association of India |
| CHD 30 Nuclear energy for peaceful application | 1. Dr. B R Ambedkar National Insistute of Technology, Jalandhar |
| CHD 32 Environment Protection | 1. DGFASLI 2. CSMCRI, Bhavnagar 3. Ministry of Jal Shakti, New Delhi |
| CHD 33 Solid Waste Management | 1. IIT, Bombay 2. IIT(ISM), Dhanbad 3. IMMT, Bhubaneswar 4. CPHEEO, MoHUA |
| CHD 34 Environment Management | 1. Center for Study of Science, Technology and Policy (CSTEP), Bengaluru. 2. Carbon Minus India, New Delhi 3. Indian Chemical Council 4. Quality Council of India 5. Prof. Sadhan Kumar Ghosh, in personal capacity |
| CHD 35 | 1. Envirocare East Pvt. Ltd 2. Dyson Technology Pvt Ltd, Gurugram 3. IIT, New Delhi |
| CHD 36 Water Quality | 1. Envirocare East Pvt. Ltd. 2. BHEL |

***The Council may CONSIDER and APPROVE*.**

## 4.4 Appointment/Re-appointment of Chairperson of Sectional Committees

**4.4.1** Details of the Chairperson of all the Sectional Committees functioning under CHDC are given below as approved during the last meeting of CHDC. Since the tenure of the Chairpersons of Sectional Committees is for three years, tenures of some of the Chairpersons may be ending in 2023.

**CHAIRPERSONS OF SECTIONAL COMMITTEES**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Technical Committee** | **Name of Chairperson, Designation, Organization, Address, Tel/Fax No.** | **Interest**  **(Representing Govt. / Industry etc.)** | **Tenure** | **Year/Date**  **of Appointment** |
| Inorganic Chemicals Sectional Committee,  CHD 1  (By designation) | Director, CSMCRI  (Dr.Kannan Srinivasan)  Central Salt and Marine Chemicals  Research Institute (CSMCRI)  Gijubhai Badheka Marg, Bhavnagar 364002  Tel: 0278- 2566547 (Office)  0278-2522345 (Residence)  Fax: 0278-2567562  E-mail :[skannan@csmcri.res.in](mailto:skannan@csmcri.res.in);  [director@csmcri.res.in](mailto:director@csmcri.res.in) | Govt.  . | Feb 2022  To  Feb 2025 | March 2005 |
| Electroplating & Photographic Materials Sectional Committee, CHD 5  (By designation) | Director/Scientist, CECRI  (Dr. B Subramanian, Sr. Principal Scientist & Head)  Electroplating & Metal Finishing Division  CECRI, Karaikudi 630006  TAMILNADU  Tel: 227550-227559 Extn:257  Fax: 04565- 427713, 427779  E-mail:[bsmanian@cecri.res.in](mailto:bsmanian@cecri.res.in)  Mob. : 9443465544 | Govt. | Nov. 2023  To  Nov.2026 | June 2006 |
| Industrial Gases Sectional Committee,  CHD 6  (Nominated by NPL) | Dr. Tuhin Kumar Mandal,  Head, Environmental Sciences Division, CSIR – National Physical Laboratory  [tuhin@nplindia.org](mailto:tuhin@nplindia.org)  9818479956 | Govt. | Dec. 2023  To  Nov. 2026 | Nominated in Dec. 2020 |
| Chemical Hazards Sectional Committee, CHD 7  (By designatioin) | DG, NSC  (Shri Lalit Gabhane)  [dgoffice@nsc.org.in](mailto:dgoffice@nsc.org.in)  9731829100 | Govt. | Feb 2023  to  Feb. 2026 | February 2023 |
| Occupational Safety, Health and Chemical Hazards Sectional Committee, CHD 8  (By designation) | DG, NSC  (Shri Lalit Gabhane)  [dgoffice@nsc.org.in](mailto:dgoffice@nsc.org.in)  9731829100 | Govt. | July 2022  To  July 2025 | August 2010 |
| Ceramicware Sectional Committee,  CHD 9  (By Designation) | Director,  Central Glass Ceramic Research Institute (CGCRI),  196, Raja S. C. Mullick road,  Jadavpur,  Kolkata – 700032  Phone : 033 2473 5829 ; 2483 9241  9836728726  Fax : 033-2473 0957  Email : [director@cgcri.res.in](mailto:director@cgcri.res.in) ; [muralee@cgcri.res.in](mailto:muralee@cgcri.res.in) | Govt. | Feb 2022  To  Feb 2025 | March 2005 |
| Glass, Glassware and Laboratoryware Sectional Committee,  CHD 10  (By Designation) | Director,CGCRI,  196, Raja S. C. Mullick road,  Jadavpur,  Kolkata – 700032  Phone : 033 2473 5829 ; 2483 9241  Fax : 033-2473 0957  Email : [director@cgcri.res.in](mailto:director@cgcri.res.in); [muralee@cgcri.res.in](mailto:muralee@cgcri.res.in) | Govt. | Feb 2022  To  Feb 2025 | March 2005 |
| Water Quality Sectional Committee, CHD 13  (By designation) | Head, Desalination Division, BARC  Shri K P Bhattacharya,  Bhabha Atomic Research Centre,  Trombay,  Mumbai – 400085.  Tel: 022-25594619; 25594625; 25568167( R)  Fax: 022 – 25505151  [kpbhatt@barc.gov.in](mailto:kpbhatt@barc.gov.in) | Govt. | Feb 2022  To  Feb 2025 | December 2011 |
| Printing Inks, Stationery and Allied Products Sectional Committee,  CHD 14  (nominated by Govt. of India Stationary) | Govt. of India Stationary Office  (Shri Subir Kumar Mandal)  Superintendent, Govt Printing, Govt. of West Bengal under Department Industries, Commerce and Enterprises  [subirkumarmandal70@gmail.com](mailto:subirkumarmandal70@gmail.com) | Govt. | Feb 2022  To  Feb 2025 | March 2005 |
| Paper and its Products Sectional Committee,  CHD 15  (by designation) | Director,CPPRI  (Dr.L P Singh)  Tel: 9837031050  [director.cppri@gmail.com](mailto:DIRECTOR.CPPRI@GMAIL.COM)  [dg@ncbindia.com](mailto:dg@ncbindia.com) | Govt.  Dr. M K Gupta, Director, CPPRI has been superannuated and Dr. L P Singh, DG, NCCBM has taken over the charge of Director, CPPRI.  As the Chairperson of CHD 15 is by designation, the mail was sent to Dr. L P Singh, Director, CPPRI for his consent to accept Chairpersonship of CHD 15. He accepted the Chairpersonship of CHD 15. In this regard mail received on19 July 2024 is also find below: | Dec 2023  To  Nov 2026  The Council may ***NOTE.*** | March 2005 |
| CHD 16 Paper based packaging material  (by designatioin Director and he nominated Dr. Tanweer Alam, Joint Director) | Dr. Tanveer Alam,  Professor, IIP  [amtanweer@rediffmail.com](mailto:amtanweer@rediffmail.com)  Mobile :   9599190704 | Govt.  The tenure of Dr. Tanweer Alam as Chairperson of CHD 16 is till October 2024. | October 2021  To  October 2024  **Proposal**  Continuation the tenure of Dr. Tanweer Alam is proposed for next three years for Chairpersonship of CHD 16 i.e. October 2027.  The Council may ***APPROVE.***  *.* | Director, IIP (by designation) was the Chairperson since March 2016.  In August 2023 he nominated Dr. Tanweer Alam as Chairperson, CHD 16. |
| Leather, Tanning Material and Allied Product  Sectional Committee, CHD 17  (BY designation) | Dr. K J Sreeram,  Director,CLRI  [kjsreeram@clri.res.in](mailto:kjsreeram@clri.res.in)  Mobile :   9840125263 | Govt. | Jan 2023  To  Jan 2026 | March 2005 |
| Footwear Sectional Committee, CHD 19  In personal capacity | Dr. B N Das  [bhabendra@gmail.com](mailto:bhabendra@gmail.com) | In personal capacity | Feb 2022  To  Feb 2025 | Dr. B N Das represented CLRI since March 2005 and after superannuatioin from CLRI, he continued in personal capacity since 2019. |
| Paints, Varnishes and Related Products Sectional Committee, CHD 20  (nominated by committee) | Shri P A Mahanwar  Vice Chancellor, Punyashlok Ahilyadevi Holkar Solapur University, SolapurContact: +919324134190  Email ID :  [vco@sus.ac.in](mailto:vco@sus.ac.in) | Govt. | October 2022  To  October 2025 | October 2022 |
| CHD 21 Raw materials for paints, varnishes and related products  (in personal capacity) | Prof. A S Khanna,  in personal capacity  [anandkh52@gmail.com](mailto:anandkh52@gmail.com)  Mob. 9967671883 | In personal capacity | Feb 2022  to  Feb 2025 | March 2016 |
| Brushes, Polishes, Lac & Lac Products Sectional Committee, CHD 23  (by designation) | Director  (Dr. Abhijit Kar)  National Institute Of Secondary Agriculture  (Formerly Indian Institute of Natural Resins and Gums),  Div. of Transfer of Technology  Ranchi 834010  [director.icar.nisa@gmail.com](mailto:director.icar.nisa@gmail.com)  9811703487 | Govt. | Feb 2022  To  Feb 2025 | March 2005 |
| Soaps and Other Surface Active Agent Sectional Committee, CHD 25  (nominated by the committee) | Dr.P K S Yadav, Professor,  HBTU, Kanpur | Govt. | June 2023  To  June 2026 | June 2023 |
| Explosives and Pyrotechnics Sectional Committee,  CHD 26  (by designation) | Director, HEMRL  (Dr.A P Dash)  [director.hemrl@gov.in](mailto:director.hemrl@gov.in) | Govt. | September 2022  To  September 2025 | September 2022 |
| Thermal Insulation Sectional Committee, CHD 27  (by designation Director, CBRI but he nominated Dr. Harpal Singh from CBRI) | Dr. Harpal Singh  Chief Scientist  CBRI  [harpal@cbri.res.in](mailto:harpal@cbri.res.in) | Govt. | Feb 2022  To  Feb 2025 | 10 June 2022 |
| Nuclear Material Sectional Committee,  CHD 30  (Nominated by BARC) | Dr D. K. Aswal  OS & Director, HS&EG, BARC (Ex-Director, NPL)  [dkaswal@barc.gov.in](mailto:dkaswal@barc.gov.in)  022-25593603 | Govt. | December 2021  To  December 2024 | December 2021 |
| Environment Protection Sectional Committee, CHD 32  (by designation) | Director,  (Dr. Atul Narayan Vaidya)  National Environmental Engineering Research Institute,  Nehru Marg, Nagpur 440020  [director@neeri.res.in](mailto:director@neeri.res.in); | Govt. | Feb 2022  To  Feb 2025 | December 2011 |
| Solid Waste Management sectional committee, CHD 33  (in personal capacity) | Dr.(Mrs.) Anuradha Shukla,  In personal capacity  Mobile no. 981005373  [anuradhacrri@gmail.com](mailto:anuradhacrri@gmail.com) | In personal capacity | Feb 2022  To  Feb 2025 | Dr. Anuradha Shukla represented CRRI and was the chairperson of CHD 33 since March 2016. She continued in personal capacity since August 2020. |
| Environmental Management Sectional Committee,  CHD 34  (in personal capacity) | Dr. S.K. Sharma, in personal capacity  769, Sector 16  Panchukla  Chandigarh – 134113.  Tel: 9815654192;  0172-2563709, 2534923  [sks\_erc@yahoo.com](mailto:sks_erc@yahoo.com); | In personal capacity | Feb 2022  To  Feb 2025 | Dr. Sharma was represented Punjab University and Chairman of CHD 34 after superannuation from Punjab University he is the chairman of CHD 34 in personal capacity since March 2016. |
| Air quality Sectional Committee, CHD 35  (In personal capacity) | Dr. (Mrs.) Gauri Pandit    [ggp369@yahoo.co.in](mailto:ggp369@yahoo.co.in) | In personal capacity | Feb 2022  To  Feb 2025 | she represented BARC since March 2015 and after superannuation in September 2018 she continued in personal capacity. |
| Water Quality Sectional Committee, CHD 36  (Nominated by Committee) | Sr. Environment Scientist, Telangna State Pollution Control Board (TSPCB)  (Dr. N Raveendheer),  Chief Scientist  Environment Protection Training and Research Institute  91/4, Gachibowli – Miyapur Rd, Indira Nagar, Gachibowli, Hyderabad, Telangana 500032  [nraveendhar@rediffmail.com](mailto:nraveendhar@rediffmail.com) | Govt. | Feb 2022  To  Feb 2025 | March 2014 |

**The Council may *DELIBERATE.***

**4.5.1 Proposals for Chairpersons of Sectional Committees**

Since the last meeting of CHDC, Chairpersons of some of the Sectional Committees have retired from their respective organizations, necessitating appointment of new Chairpersons as proposed above. Appreciation to the ex-Chairpersons of the committees who are succeeded by the existing chair person are also proposed below:

**4.5.1.1 Chairperson of Paper and its Products Sectional Committee, CHD 15**

Dr.M K Gupta has been superannuated from CPPRI and Dr. L P Singh has taken over the charge of Director, CPPRI and Chairperson of CHD 15.

The Council may place on record its appreciation for the contributions made by Dr.M K Gupta, CHD 15.

***The Council may NOTE.***

## ITEM 5 REVIEW OF SCOPES OF SECTIONAL COMMITTEES

## 5.1 Present scope of all the Sectional Committees functioning under CHDC along with composition is given in [Annex II](#ANNEX2). The council may kindly note that the scope of all sectional committees hasbeen rationalized to make it simple and brief for easy understanding.

***The Council may NOTE.***

## 5.2 Recommendation of Sectional Committees for Change of Scope

## There is no proposal received from any Sectional Committee.

**ITEM 6 TRANSFER OF SUBJECTS**

**6.1 Request for Transfer of Subjects from other Divisional Councils of BIS to CHDC**

**6.1.1 Transfer of standards from TEDC to CHDC**

In 30th meeting of TEDC held on 18 March 2024, it has been decided to transfer the following standards to CHDC as these subjects are more relevant to CHDC.

|  |  |  |  |
| --- | --- | --- | --- |
| Sl.No. | IS No. | Title | Transfer to |
|  | IS 10106 (Part 2/Sec 2): 1983 | Packaging code: Part 2 packaging materials section 2 paper and paper board | CHD 16 |
|  | IS 10106 (Part 4/Sec 2): 1984 | Packaging code: Part 4 packages section 2 paper and paper-based packages | CHD 16 |
|  | IS 10106 (Part 4/Sec 4): 1984 | Packaging code: Part 4 packages section 4 glass containers | CHD 10 |

***The Council may CONSIDER and DECIDE.***

## 6.2 Recommendations for Transfer of Subjects from Chemical Divisional Council to other Councils

There is no proposal received from any Sectional Committee.

## 6.3 Recommendations for Transfer of Subjects from One Sectional committee to other Sectional Committee of CHDC

There is no proposal received from any Sectional Committee.

**6.4 Withdrawal of Indian Standards**

**6.4.1 Withdrawal of IS 1060(Part 4/Sec 11) : 2014 Methods of sampling and test for paper and allied products: Part 4 methods of test for paper, board and pulp: Sec 11 determination of acid soluble magnesium, calcium, manganese, iron, copper, sodium and potassium**

**IS 6213: 2013 Methods of test for pulp:**

**Part 12 Determination of calcium content (first revision)**

**Part 13 Determination of copper content (First Revision)**

**Part 14 Determination of iron content (First Revision)**

**Part 15 Determination of manganese content (First Revision)**

In 33rd meeting of CHD 15 held on 25 07 2024, the committee decided to revise these standards by identical adoption of ISO 12830 : 2019 which will supersede IS 1060 (Part 4/Sec 11) and IS 6213 (Part 12, 13, 14 and 15). ISO has revised the standard in 2019 expanding the title and scope to cover cellulose nanomaterials as well. Recognizing the benefits of following uniform practices globally, the committee responsible for formulation of this standard, has decided to adopt latest version of ISO 12830 and publish it as part of IS 1060 (Part 8) series, which provides methods of test for paper, board, pulp and cellulose nanomaterials.

## ITEM 7 NEW SUBJECTS IDENTIFIED FOR STANDARDIZATION

**7.1 Annual Action Plan (AAP) 2024-25**

It has been decided to prepare Rolling Annual Action Plan 2024-25 (AAP) for the formulation of new standards and the review of existing standards on the basis annual programmes for standardization prepared by the Ministries and the inputs from the Standardizaton Cells of the industry associations.

Accordingly, CHD organized Webinar with standardization cells of Department of Atomic Energy (DAE) and Ministry of Environment, Forests and Climate Change on 19 January 2024. Both the ministries have been requested to submit the subjects as they would like to take up as part of AAP 2024-25.

CHD also organized a consultative Webinar with Industry Associations and BIS Licensees for Framing Rolling Annual Action Plan 2024-25 in the Field of Chemicals on 13 February 2024.

**7.2** In the course of their activities,various Sectional Committees considered proposals for formulation of Indian standards relating to their field of scope and recommende do include them in their programme of work subject to the approval by the Council. List of New Subjects proposed by various Sectional Committees is given below:

|  |  |
| --- | --- |
| Sectional Committee |  |
| CHD 08 Occupational Safety and Health | * Adoption of ISO 16321-2 : 2021 |
| CHD 10 Glass, Glassware, Laboratoryware | * Chemically tempered screen glass protectors * Test Methods for Chemical Analysis of Glass |
| CHD 20 Paints, varnishes and its related products | * Evaluation of degradation of coatings – designation of quantity and size of defects, and of intensity of uniform changes in appearance * Water based polyurethane enamel paint (two components) * Water based epoxy zinc phosphate primer (two components * Water based polyurethane base surfacer (two component) * Water based polyurethane base knifing filler (two components) |
| CHD 21 Rawmaterials for paints, varnishes and related prducts | * Test method standard for determination of toxic heavy metals in paints and raw materials * Effect pigment in paints |
| CHD 25 Soaps, Detergents and Surface Active Agents | * Liquid cleaner (for baby feeding plastics bottles and plastics, rubber and silicon baby accessories) |
|  |  |
| CHD 27 Thermal Insulation | * Rigid Cellular Plastics — Thermal Insulation Products for Buildings — Extruded Polystyrene (XPS) Insulation Board |
| CHD 30 Nuclear energy for peaceful application | * Measurement of environmental tritium in water for hydrological studies. * Measurement of radiocarbon in water for groundwater dating purposes. * Measurement of deuterium in water. * Preparation of standards for oxygenated isotopes in water for hydrological studies. * Residence and distribution measurement in process reactors by using radiotracer * Radioactive particle tracking technique for flow resolution in process reactors. * Code of practice on probabilistic risk assessment of Nuclear Power Plants |

***The Council may CONSIDER and APPROVE.***

**7.2 Withdrawal of New Subjects of Sectional Committees**

**DELETION OF NEW SUBJECTS**

|  |  |  |
| --- | --- | --- |
| Sectional Committee | SUBEJCT | Reason |
|  | NIL |  |

**Item 8 PROGRESS ON TECHNICAL ACTIVITIES OF CHDC – NATIONAL**

**8.1 Program of work**

Program of Work of the Chemical Department enlisting the Indian Standards under the purview of various Sectional Committees of Chemical Divisional Council is now synchronise with updated data base on standardization and is live and available at:

<https://www.services.bis.gov.in/php/BIS_2.0/bisconnect/pow_new/>

***The Council may NOTE.***

**8.2 Aspect-wise details of Indian Standards**

The Aspect-wise break-up of Indian Standards (IS) formulated by CHDC as on 31st  July 2024 is given below:

|  |  |
| --- | --- |
| Product: | 1156 |
| Code of Practices : | 163 |
| Methods of Test : | 714 |
| Terminology : | 40 |
| Others  Dimensions | 126  17 |

Total 2216

***The Council may NOTE.***

## 8.3 Standards Processed for Publication

During the period from **1st February 2024 to 31st July 2024**, 145 documents (standards + amendments) were processed for printing.

***The Council may NOTE.***

## 8.4 Progress of technical committee work

A brief report on the progress of technical committee work during the from **1st February 2024 to 31st July 2024** is given below:

## a) Meetings Held

|  |  |
| --- | --- |
| Division Council Meeting | 1 |
| Sectional Committees | 38 |
| Subcommittees | 21 |
| Panels | 59  4 |
| Working Group | 4 |

**b) Documents Processed**

|  |  |
| --- | --- |
| ISS sent for printing | 135 |
| Amendments sent for printing | 10 |
| Draft IS’s finalized | 135 |
| Draft standards issued inWC | 179 |
| Draft amendments issued in WC | 12 |
| Preliminary draft standards circulated | 0 |
| Total number of standards reviewed | 214 |
| Standards reaffirmed | 210 |

***The Council may NOTE.***

**8.5 Major and Important Work carried out by Sectional Committees since the last CHDC Meeting**

Generally, the important activities taken by all sectional committees under CHDC are informed to Division Council during the meeting of Division Council. The important activity of CHD during this period is given below:

**8.5.1 23rd Plenary meeting of ISO/TC 216 and its WGs**

23rd Plenary meeting of ISO/TC 216 and its WGs was held during 27-29 February 2024 at Madrid, Italy. Dr. B.N Das (Chairperson CHD 19) , Mr. Aditya Prakash Sharma (Member CHD 19),Shri Ajay K Lal,Sc-F and HCHD and Ms Preeti Prabha,Sc-C physically attended the meeting, outcome of which is given below:

**8.5.1.1 ISO/TC 216/WG 2 and ISO/TC 216/WG 3 Meeting on 27 February 2024** - Comments provided on ISO/DIS 16179, ISO/DIS 20686 and NWIP/WD 23777 were discussed under WG 2. Comments provided on ISO/DIS 19952 were discussed under WG 3. Most of the comments provided by India accepted during the meeting, which played a crucial role in advocating for India’s interests and perspectives in the standardization process of footwear.

**8.5.1.2 ISO/TC 216/WG 1 and ISO/TC 216/WG 5 Meeting on 28 February 2024 -** Comments provided on ISO/DIS 20358, ISO/DIS 20939,ISO/DIS 20952,ISO/DIS 20961,ISO/DIS 20995 and ISO /DIS 23889 were discussed under WG 1. Comments provided on ISO/DIS 16187 were discussed under WG 5. Most of the comments provided by India accepted during the meeting, which played a crucial role in advocating for India’s interests and perspectives in the standardization process of footwear.

**8.5.1.3 ISO/TC 216 meeting on 29th February 2024** - Recommendations of WG 1,WG2,WG 3 and WG 5 were approved by TC 216. On the recommendation of India Member Body,ISO/TC 216 agreed to propose the revision of ISO/TC 216 scope. The scope proposed is: Standardization of test methods, terminology and performance requirements for footwear and footwear components. Excluded: footwear for professional use (already covered by ISO / TC 94) and sizing system designation and marking for boots and shoes (dealt with by ISO / TC 137).

## 8.5.2 Convention for Deans and Heads of Departments (HoDs) of MoU Partner institutions

BIS organized a Convention for Deans and Heads of Departments (HoDs) of MoU Partner institutions of the Chemical Engineering and Chemistry disciplines. The event took place at Dhauladhar Heights Resort, Dhauladhar on the 23rd and 24th of August 2024. The detailed report is given below:



***The Council may NOTE.***

## Item 9 PROGRESSON TECHNICAL ACTIVITIES OF CHDC - INTERNATIONAL

**9.1 ISO Activities**

## 9.1.1 Secretariat/Leadership Responsibilities of ISO Committees/Working Groups

International Organization for Standardization (ISO) is the apex standardization body with an exclusive mandate to prepare and propagate International Standards. The standard development is carried through a number of technical committees which has a defined structure including Secretariat (held by a memberbody of ISO). The Bureau of Indian Standards, the National Standards Body of the country represents India on ISO. Presently, the Chemical Department, on behalf of BIS, holds the Secretariat/leadership responsibilities of the following ISO Technical Committees/Subcommittees/Working Groups:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ISO TC/SC/WG/Adhoc** | **Title** | **Leadership** | **Tenure** | **Committee Manager Team** |
| ISO/TC 120 | Leather | Shri Shafeeque Ahmed, Chairperson | 2021-2024 | Shri Ajay K Lal, Committee Manager  Ms. Preeti Prabha, Committee Manager Support |
| ISO/TC 120/SC1 | Raw Hide and Skins including Pickled Pelts | Dr. C Muralidharan, Chairperson | 2021-2024 | -do- |
| ISO/TC 120/SC 2 | Tanned Leather, and | Dr. Subhendu Chakraborty, Chairperson | 2021-2024 | -do- |
| ISO/TC 120/SC 3 | Leather Products | Dr. B Chandrasekaran, Chairperson | 2021-2024 | -do- |
| ISO/TC 146/SC1 | Stationary source emissions | Dr.Tuhin Kumar Mandal, NPL  Chairperson | 2022-2025 | Shri Ajay K Lal, Committee Manager  Ms. Preeti Prabha, Committee Manager Support |

***The Council may NOTE.***

**9.1.2 ISO meetings held during 1st  February 2024 to 31st August 2024**

**9.1.2.1 ISO meetings organized during 1st  February 2024 to 31st August 2024**

|  |  |  |  |
| --- | --- | --- | --- |
| **Title** | **Date** | **Place(5)** | **Important outcomes** |
| NIL | | | |

**9.1.2.2 Participation in ISO meetings during 1st February 2024 to 31st August 2024**

|  |  |  |  |
| --- | --- | --- | --- |
| **Title** | **Date** | **Place(5)** | **Important outcomes** |
| ISO/TC 94/SC 6 | 09 February 2024 | VC |  |
| ISO/TC 216/WG 2 and ISO/TC 216/WG 3 Meeting at Madrid , Spain | 27-29 February 2024 | Madrid, Spain | On the recommendations of WG 1,WG2,WG 3 and India Member Body,ISO/TC 216, proposal for revision of Scope of ISO/TC 216 as given below:  ‘ Standardization of test methods, terminology and performance requirements for footwear and footwear components. Excluded: footwear for professional use (already covered by ISO / TC 94) and sizing system designation and marking for boots and shoes (dealt with by ISO / TC 137).’ |
| Meeting with ISO TC 6/ SC 2 Secretariat | 27 February 2024 | VC | Discuss the current portfolio of ISO TC 6 SC 2 WG 25 "Surface roughness" and identify actions to be taken by Shri Ak Goel, Scientist E II (CPPRI) representing BIS (India) as the convenor of the Working Group. |
| Meeting of ISO/TC 216/WG 2 "Chemical Test methods for footwear and footwear components" | 09 April 2024 | VC | Discussion on draft standard prepared after incorporating the comments approved on ISO DIS 20686 and ISO DIS 16179. |
| 22nd Plenary meeting of ISO/TC 283 | 16th April 2024 | VC |  |
| 7th plenary meeting of ISO/TC 323 meeting | 02 May 2024 | VC | Discussion on the roadmap for the development of ISO 59014 and ISO/TR 59031 |
| 12th meeting of ISO/TC 282/SC4 ‘Industrial Water resuse | 22 May 2024 | **VC** | Comments provided on ISO documents were discussed in the subcommittees meetings and decision to process the documents for next stage was taken in the subcommittee Meeting. |
| 17th meeting of ISO/TC 282/SC3 ‘Risk and Performance Evaluation of Water Reuse System | 22 May 2024 | VC | Comments provided on ISO documents were discussed in the subcommittees meetings and decision to process the documents for next stage was taken in the subcommittee Meeting. |
| 19th meeting of ISO/TC 282/SC 2 ’Water Reuse in urban areas’ | 23 May 2024 | VC | Comments provided on ISO documents were discussed in the subcommittees meetings and decision to process the documents for next stage was taken in the subcommittee Meeting. |
| 11th Plenary meeting of ISO/TC 282 ‘ Water Reuse | 24 May 2024 | VC | Comments provided on ISO documents were discussed in the subcommittees meetings and decision to process the documents for next stage was taken in the subcommittee Meeting. |
| ISO National Climate Champion Network | 30 May 2024 | VC | ISO London Declaration was discussed. |
| ISO/TC 137,Footwear Sizing,Designation and Marking system | 06 June 2024 | VC | Agenda items were discussed |
| 6th meeting of ISO/TC 207/SC 2/JWG 1 | 10 June 2024 | VC | Discussion on comments received on CD ballots of ISO 14019 part 1, 2 & 4. |
| ISO/IEEC new Directive | 11 June 2024 | VC | Changes in new directives of ISO/IEC were informed by ISO |
| ISO/TC 6/SC 2/WG 25 | 13 June 2024 | **VC** | Discussed the comments of the project leader on revision of ISO 5627 “Paper and board — determination of smoothness (Bekk method)”. |
| 1st meeting of ISO/TC 336/SG 4 and ISO/TC 336/WG 3 | 20 June 2024 | **VC** |  |
| 3rd meeting of ISO/TC 336/SG 4 and ISO/TC 336/WG 3 | 21 June 2024 | **VC** |  |
| ISO/TC 216/WG 2 meeting | 9-11 July 2024 | **VC** |  |

***The Council may NOTE.***

**9.1.5 Balloting On ISO Documents**

India member body has been making all efforts to cast ballots on all the relevant documents circulated by the various ISO technical committees on which we have P membership (59 committees). Till date the balloting achievement has been nearly 100%.

***The Council may NOTE.***

**9.1.6 Upgradation of membership from ‘O’ to ‘P’ in ISO/TC 163 Subcommittees**

CHD 27 is the national mirror committee for ISO/TC 163 and its subcommittees. CHD 27 is having 'P' membership in ISO/TC 163 and 'O' membership in its subcommittees. Earlier, CHD 27 used to have P membership in ISO/TC 163/ SC 1 however, due to some inconsistencies the membership degraded form 'P' to 'O'. Considering the following activities of CHD 27, it was proposed to upgrade the membership of CHD 27 from 'O' to 'P' in the subcommittees SC 1 and SC 3.

1. Adoption of ISO 24285:2022 Thermal insulation for building equipment and industrial installations — Cellular glass products — Specification (under process), developed by ISO/TC 163/SC 3 2. Adoption of ISO 8497:1994 Thermal insulation — Determination of steady-state thermal transmission properties of thermal insulation for circular pipes (under process), developed by ISO/TC 163/SC 1

3. Adoption of ISO 12241 : 2008 Thermal insulation for building equipment and industrial installations — Calculation rules (under process), developed by ISO/TC 163/SC2.

The proposal was already circulated by email dated May 22, 2024 to the committee members, to which no committee member has objected and the committee, CHD 27 formally approved the proposal. CHDC approval has also been obtained.

***The Council may RATIFY.***

**ITEM 10 HARMONIZATION OF INDIAN STANDARDS WITH INTERNATIONAL STANDARDS**

ISO comprising of global experts on various subjects regularly bring out international standards. The respective Sectional Committees on a regular basis review the ISO standards published against the existing national standards, current trade practices, consumer expectations, global trends, etc and decide for review of the published National Standards. In the process, Sectional Committees after a close scrutiny of the ISO Standards, may decide on adoption/adaptation of the ISO standards keeping in view the technical relevance of the subject to the national conditions. Harmonization is not undertaken in case the ISO standards are not relevant to Indian conditions or would put the Indian industry at disadvantage. The sectional committees while reviewing such ISO standards, also explore the possibility of adopting such ISO standards on which no Indian Standards exist.

It has been directed by Competent Authority that all sectional committees of BIS will review their standards and adopt ISO standards against which Indian Standards are available and also review that where ISO standard is available but Indian Standard not available.

No. of Indian Standards harmonized with ISO as on 31st August 2024 = 624

***The Council may NOTE.***

**Item 11 RECENT INITIATIVES IN THE STANDARD DEVELOPMENT PROCESS OF BIS**

**11.1 Workshop, Webinars and Seminars**

A number of steps have been taken for improving engagement with various stakeholders and facilitating their participation in standardization work. This includes holding of regular webinars with Industries/Industry Associations, Ministries and State Government to understand/determine their standardization needs and expectations, difficulties in implementation of existing standards and identifying gaps in existing standards.

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl. No.** | **Workshop, Webinar/Seminar** | **Date** | **Outcome** |
|  | BIS Workshop on “Strategic Roadmap for CHD 25” | 06 03 2024 | Prepared and discussed the draft Strategic Roadmap for CHD 25 with the view to prioritise standardisation needs, promote use of CHD 25 standards and encourage participation of inactive stakeholders. |
|  | National Conference on Glass and Glazing Standards at CGCRI, Kolkata | 18 03 2024 | A National Conference on Indian Standards for Glass and Glazing was organized by Bureau of Indian Standards (BIS) on 18th March 2024 at CSIR – CGCRI in Kolkata with an objective to aware and train the entire construction value chain on the new and revised Indian Architectural Glass standards.  Presiding over the National Conference, Dr Suman K Mishra, Chairman, Sectional Committee of Glass and Glassware, BIS and Director, CSIR – CGCRI, delivered the Chief Guest address highlighting the crucial role of standards in nurturing economic growth and innovation. Mr Ajay K Lal, Head, Chemical Department, BIS, in his theme address, said that “BIS is taking very swift actions in bringing out new standards and revising the existing standards for glass and glazing suitable for the ever-changing trends in the construction sector.”  The technical presentations were made by Ms Sheetal Khanna, General Manager, Gold Plus Glass Industry, Mr Hatinder Vohra, National Head – India and South Asia, Vetrotech Saint Gobain, Mr Tushar Zope, Vertical Head, Asahi India Glass Limited, Mr Amit Choudhary, Scientist D, CMD 2, BIS and Mr Mohit Garg, Member Secretary, CHD 10, BIS.  The conference was participated by 100+ participants from Government including Officials from PWD, Kolkata Municipal Corporation, etc., and Industry representatives including glass manufacturers, processors, fabricators, window manufacturers, etc. |
|  | Seminar organized on Sustainability Trends for Printing Inks for Packaging & Stationery Items for Schools at AIIPMA, Mumbai | 28 05 2024 | Important discussions took place on Eco-friendly Printing Inks, Positive list of constituents for inks and Non-Intentionally Added Substances in Inks (NIAS). The seminar was attended by participants from Printing Inks Manufacturing Industries, All India Printing Inks Manufacturers Association, All India Federation of Master Printers, Newspaper Industry (such as Times Group), Stationery Companies like Kokuyo Camlin, Research Institutions/Labs and users like NCERT, Government of India Stationery Office (GISO) etc. |
|  | Workshop on “New Trends in the pulp and paper industries and role of standards” | 25 07 2024 | The workshop provided an oversight on the recent development in the IIT Roorkee and industry in the pulp and paper field. Efforts were made to identify gaps in the standardization in the field. |

***The Council may NOTE.***

**11.2 One day Workshop-cum-brainstorming Session organized by BIS for Chairpersons and Technical Committee members**

BIS organized Workshop-cum-Brainstorming session for Principal Members of CHD technical committees at NITS, Noida on 15 July and 16 August 2024 , This workshop was designed to bring an array of developments being made in our standardization process as well as related portals for bringing out effective standards in a timely manner, and to strengthen India’s position at international level. Members will also be made aware of India’s leading steps towards SMART standards and Online and Collaborative Authoring of Standards.

Hands-on demonstrations of the essential online tools that are vital for our success, will be provided during the programme. In this one-day interactive programme, BIS will also explore the growing need to address

sustainability during the development or revision of standards.

**11.3 Advisory Group on Sustainability**

As Council ***DECIDED*** that Council members shall send their recommendations regarding the composition of the Advisory Group on Sustainability within 15 days after going through the list of officers dealing with sustainability which was attached with the Agenda. After receiving recommendations from members the same will be put up to CHDC Chairperson for approval.

Mail sent to Council Members on 01 April 2024. Recommendations from Chairperson, CHD 01, CHD 20 and CHD 33 has been received as follows:

|  |  |
| --- | --- |
| Recommended By | Composition of Advisory Group |
| Chairperson, CHD 01 | Prof. S. Sivaram  Honorary Professor  IISER Pune  [s.sivaram@iiserpune.ac.in](mailto:s.sivaram@iiserpune.ac.in)    Dr. R. K. Sharma  India Glycols Ltd.  Head- Sustainability & QC    Dr. Richard Lobo  Tata Chemicals Ltd.  Head of R&D and Innovation |
| Chairperson, CHD 20 | Prof. D.D. Kale, Retired Professor, ICT, Mumbai |
| Chairperson,CHD 33 | Shri Jyotin Kutty Sastabhavan,  Chief Sustainability Officer, Tata Motors Ltd. |

***The Council may CONSIDER and DECIDE.***

**11.4 Development of Standard National Action Plan of CHD (SNAP)**

In the last meeting, the Council noted the information about the Standards National Action Plan (SNAP) evolved by BIS for the period 2022-2027 and also noted the various subjects and the status of progress of work on the same.

***The Council may NOTE.***

**11.5 Engagement of consultants in Technical Committees**

In order to hasten the pace and the extent of standardization, to ensure timely delivery and address complex areas/issues effectively, a Scheme for engagement of consultants to support technical committees in the current standardization activities has been started by BIS.

***The Council may NOTE*.**

**11.6 Formation of Search Committee**

As per the guidelines issued under the structural reforms in BIS, every Divisional Council has to constitute a Search Committee with 3 or 4 of its members to recommend the technical experts to be included in Sectional Committees of this Council. Accordingly, a search committee has been constituted by CHDC with the following composition:

1. Shri S. Kaanan, Chairperson, CHD 1
2. Shri K J Sreeram, Chairperson, CHD 17
3. Dr P K S Yadav, Chairperson, CHD 25
4. Shri G D Yadav, Ex-Director, ICT, Mumbai
5. Shri Ajay K Lal, Head, Chemical Department (Convener)

Shri Ajay K Lal as Convener will send a formal letter to all Chairpersons of Sectional Committees for recommendation of new organizations in their respective sectional committees and then convene a meeting of Search Committee after receiving recommendations from all Chairpersons. The mail was sent to all Chairpersons and recommendations received only from CHD 19 Footwear Sectional Committee. After received recommendations, the meeting of Search Committee was convened in which it was decided that composition and scope of first five committees will be sent to all members of Search Committee. Accordingly, the scope and composition of first five committees was sent to the members on 25th August 2023.

Reply from Chairpersons, CHD 1 received on 14 February 2024 and is given below:



The scope and composition of next five committees will be sent to the members for their recommendations.

***The Council may CONSIDER and DECIDE.***

**11.7 Research Projects To Be Taken Up For Inclusion Of Empirical Data And Insights**

Quality of a standard depends largely on the research data being considered while developing standards. Further, such data also provides insight on the modification required or incorporation of a specific requirement/ parameter in a standard. It is presumed that during the development of a standard the members/ proposer will provide data in support of the proposal/ requirements. In some cases, it is seen that due to lack of such information, the standard does not meet the requirements of the market. BIS management has therefore offered support to committee for taking up research projects to collect empirical data and getting insight for the development of standard.

In this context, BIS has recently issued ‘Guidelines for Research & Development Projects for Formulation and Review of Standards’ with the objective to support and commission research & development projects to generate knowledge, empirical data and insights that would help in formulating new standards and updating & upgrading the existing Indian standards. The following R&D projects have been approved for CHD:

1. Study on safety practices followed in hexane industry.
2. Study on performance characteristics of various types of Thermal Paper.
3. Study on safety practices followed in hexane industry.
4. Study on Evaluating the Efficacy of Small Incinerators/Thermal Processors for Incineration of Sanitary Napkins
5. Study of Properties for Environment-Friendly Printing Inks for Food Packaging.
6. Study on safety practices followed in Chlorosulphonic acid industry
7. Study on the design and performance requirements of Protective leather Clothing
8. Study on the various testing methods for measurement of sulfuf dioxide emissions from stationary sources
9. Study on the methods for determination of total fluorides from emissions from stationary sources
10. Study on the various testing methods used for determination of the concentration of suspended particulate matter in air.

***The Council may NOTE.***

**11.8 Industrial/ Lab visits by Member Secretaries**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl. No.** | **Name and Designation**  **of Officer** | **Factory/Industry/Lab visited** | **Actual Date of Visit** |
|  | Shri Virendra Singh, Sc-E | M/s Century Pulp and Paper Mills, Lal Kuan | 07 May 2024 |
|  |  | M/s Sherry Speciality Paper Pvt Ltd, Palghar (Mumbai) Maharashtra | 09 May 2024 |
|  | Shri Mohit Garg, SC-C | Factory Visit at Opetimus Mobile Ltd., Noida | 16 May 2024 |
|  | Ms. Shubhanjali Umaro, Sc-C | Arena Consultants, Mumbai | 16 May 2024 |
|  | Ms. Shubhanjali Umaro, Sc-C | Envirocare Lab, Mumbai | 17 May 2024 |
|  | Ms. Puja Priya, Sc-C | CGCRI Khurja, Ghaziabad | 07 June 2024 |
|  | HCHD and Ms. Preeti Prabha, Sc-C | Avanthi Leathers,Chitoor | 08 August 2024 |

***The Council may NOTE.***

**11.9 Commencement of International Standardization related Work on IR Portal**

BIS has launched a new portal for effectively managing and streamlining all the works related to international relations such as balloting, delegation proposals for attending ISO meetings, etc. The portal may be accessed through International Relations (IR) tile coming after the login in BIS standards portal.

The following work related to participation in International Standardization (ISO and IEC) may be done through this portal:

1. Processing of Ballots including creation of ballot, circulation to committee members, submission of proposed India Vote along with consolidated comments to Chair and Head TD for approval and final Voting done.

2. Creation and/or circulation of ISO/IEC Technical Meetings to Committee Members

3. Processing of Delegation proposal (including all steps)

4. Processing the NWIP/ Revision/ Amendment proposals

5. Processing of New Filed of Technical Activity proposals

BIS now proposes to revitalize the participation in international standradization. For this it has been deceied to search for subject experts throughout India for each document being developed at ISO/IEC. The expert would be require to thoroughly study these documents and prepare comments on the same taking our national interests into consideration. BIS will falicitate on all fronts including their participation in national/international meetings and their nominations in the related Working Groups.

The list of documents which are presently open for balloting is given below:



DC members are requested to suggest the experts that can be associated with these projects.

***The Council may CONSIDER AND ADVISE.***

**ITEM 12 KEY DEVELOPMENTS**

**12.1 Thrust Areas**

It has been decided that every Division Council should have a defined thrust area which should take into consideration the standards development required in the given context keeping in viewof the social,environmental and economical consideration.

The thrust area for Chemical Division Council has been identified as ‘Environment,Health and Safety’. Accordingly, thrust areas for the sectional committees functioning under CHDC have been defined. Status of these thrust areas is given below:

|  |  |  |
| --- | --- | --- |
| Sectional Committee | Thrust area | Current Status |
| CHD 07 Chemical hazards | i) Revision of Codes of Safety for Chemicals | Work in progress |
| CHD 14 Printing Inks, Stationary and Allied Products | * Safety requirements in stationery product standards meant for children * Safety requirements in inks used in diapers/toys * Safety requirements in inks used for pharma & hygiene * Safety requirements in the inks for text books used by Children. | Working document awaited. |
| CHD 15 Paper and its products | * Incorporation of Eco Mark criteria in Paper Products” | Recently identified |
| CHD 16 Paper based packaging materials | * Paper based packaging material for food packaging and food serving * Safe, secure and sustainable paper packaging * Life Cycle Assessement of packaging materials | P-draft circulated  Panel created.  Recently identified and discussed in the next meeting of CHD 16. |
| CHD 17 Leather, tanning materials and allied products | •             Formulation of new standards on leather products and revision of existing standards   * Formulation of standard on identification of leather and establishing genuine leather mark   •      Formulation of standards/ guidelines on sustainable manufacturing practices of leather | Work in progress. |
| CHD 19 Footwear | * Formulation of standard for school footwear * Formulation of standard for therapeutic footwear | * Work in progress. * Working document awaited. |
| CHD 20 Paints, Varnishes and Related Products | VOC and Toxic heavy metals | * Work in progress. |
| CHD 21 Raw materials for paints, varnishes and related products | Incorporation of limit of lead and toxic heavy metals in standards of raw materials for paints. | In some standards (around 43) limit has been incorporated and in remaining standards work is in progress. |
| CHD 23 Brushes, polishes, lac and lac products | * Toothbrush for dental care * Use of ecofriendly material in brush * Value added lac products | Identified in recent meeting. |
| CHD 25 Soaps and other surface active agents | * Green labeling of soaps and detergents | ToR approved for the subject and work in progress. |
| CHD 32 Environment Protection | 1. Green Chemistry 2. Terminology, methods of sampling and characterization of soil 3. Guidelines for Zero waste discharge 4. Waste minimization 5. Complete recycle of waste water | Working document is awaited. Committee decided to select some principles of green chemistry such as waste minimigation at once for standardization rather than taking green chemistry as a whole.  P membership in ISO/TC 190/SC 7 Impact assessment is under process.  Work in progress.  Recently identified.  Recently identified. |

As advised by the Council, the Sectional Committees are considering development of standards as per the thrust areas identified and are also exploring upgradation of the existing standards within the ambit of the thrust areas wherever needed.

***The Council may NOTE.***

## Item13 DATE AND PLACE FOR THE NEXT MEETING

## Item 14 ANY OTHER BUSINESS

**Item 15 VOTE OF THANKS**