**Annex I**

**COMPOSITION OF CHD 35**

**SCOPE**

‘To formulate India Standards for i) Terminology, methods of sampling and characterization of emissions from point and non-point sources, stationery and line sources including industrial emissions, ambient air, indoor air, workplace air, particularly measurement methods for air pollutants (particles, gases, odours, micro-organisms) ii)Terminology, methods of measurement of noise levels iii) Indoor air quality management system iii) Terminology, performance requirements and methods of test for air pollution monitoring devices iv) Terminology, performance requirements and methods of test for air purifier and control devices.’

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| **Meeting** | **Date** | **Place** |
| 17th | 21-03-2024 | BIS Webex meeting |
| 18th | 13-06-2024 | BIS Webex meeting |
| 19th | 19-09-2024 | BIS Webex meeting |

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| **Sl. No** | **Organization Represented** | **Principal / Alternate Member** | **Meeting Attended** | | | | |
| **17th** | **18th** | **19th** | **Total** |
|  | **Chairperson** | **Dr. Gauri Pandit, In Personal Capacity** | ✓ | ✓ | ✓ | 3/3 |
|  | Bhabha Atomic Research Centre, Mumbai | Dr. A Vinod Kumar  Dr. S. K Sahu | ✓ | X | ✓ | 2/3 |
|  | CSIR- National Physical Laboratory | Dr. Shankar Agarwal  Dr. Tuhin Kumar Mandal | ✓ | ✓ | ✓ | 3/3 |
|  | Central Pollution Control Board (MoEFCC), GoI, New Delhi | Mr. Aditya Sharma  Dr. R C Srivastava | ✓ | ✓ | ✓ | 3/3 |
|  | CSIR -National Environmental Engineering Research Institute, Nagpur | Dr. S.K. Goyal  Dr. Smitha Aggarwal | ✓ | ✓ | ✓ | 3/3 |
|  | Confederation of Indian Industry, New Delhi | Mr. Mohit Sharma  Mr. Shubham Mishra | ✓ | X | X | 1/3 |
|  | Dyson Technology India Pvt Ltd, Gurugram | Mr. Shekh Tazimul Haque Faridi | \_ | C | ✓ | 1/1 |
|  | Ecotech Instruments, Greater Noida | Dr Rajendra Prasad | ✓ | ✓ | ✓ | 3/3 |
|  | Envirotech Instruments Pvt. Ltd. | Dr. Balbir Singh  Mr. Ashish Gupta | ✓ | X | ✓ | 2/3 |
|  | Envirotech East Private Limited, Kolkata | Mr. Asoke Kumar Banerjee  Mr. Sanjib Kumar Goswami | C | ✓ | ✓ | 2/2 |
|  | Green Economy Initiatives Pvt. Ltd., Mohali | Dr. R S Saini  Ms. Sonika Pawar | ✓ | ✓ | ✓ | 3/3 |
|  | Indian Association for Air Pollution Control, New Delhi | Dr. J S Sharma | X | ✓ | ✓ | 2/3 |
|  | Indian Chemical Council, Mumbai | Mr. Dhrumil Soni  Ms. Shraddha Rane | ✓ | ✓ | ✓ | 3/3 |
|  | IIT, Delhi | Nomination Awaited | - | - | - |  |
|  | Maharashtra State Pollution Control Board, Govt of Maharashtra, Mumbai | Dr. P D Khadkikar  Mr. Kishore Gawankar | ✓ | ✓ | ✓ | 3/3 |
|  | NTPC Ltd, New Delhi | Mr. Rajesh Malik  Mr. Rajiv Ranjan | ✓ | ✓ | X | 2/3 |
|  | National Council for Cement and Building Materials, Ballabhgarh | Mr. Anand Bohra  Mr. K R P Nath | ✓ | ✓ | X | 2/3 |
|  | The Fertilizer Association of India, New Delhi | Mr. Manish Goswami  Mr. Arun Kumar Mandal | ✓ | ✓ | X | 2/3 |
|  | UNIPHOS Envirotronics Pvt. Ltd., Gujarat | Mr. Vijay Pandey  Mr. Vinayaka Prabhakar Valsangkar  Dr. R C Naik | ✓ | ✓ | ✓ | 3/3 |
|  | In Personal Capacity | Dr. N Raveendhar | ✓ | ✓ | ✓ | 3/3 |
|  | In Personal Capacity | Dr. SNA Rizvi | ✓ | ✓ | ✓ | 3/3 |
|  | In Personal Capacity | Dr. S K Tyagi | ✓ | X | ✓ | 2/3 |

**✓** - Present, **×** - Absent, **C** – Co-opt, **W** – Withdrawn

**Composition of Panel 1 of CHD 35 – Panel for Revision of standards on determination of air pollutants in ambient, stationary, indoor and workplace atmospheres**

**Objective of the Panel:**

While reviewing/prescribing a test method for a pollutant, the following shall be ensured:

i. To lay more emphasis on instrumentation methods with an objective to support Green Chemistry (including minimizing use of toxic chemicals for absorption and to move towards environmental friendly chemicals)

ii. Minimum detection limit and the range of test method along with corresponding accuracy, repeatability, precision and reproducibility aspects of test method

iii. Potential interference radicals and methods to mask the same

iv. Identification of a referee method in case where 2 or more methods are prescribed for measurement of one parameter

v. To incorporate any APHA/ISO/EPA procedure in the standards without carrying out trials

vi. To give reference to other standards providing test methods using AAS / ICP-MS / ICP-OES

vii. To suggest means of disposal of chemicals

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**Composition of Panel 2 of CHD 35 – Panel for Formulation of Standard on Automated Measurement Systems**

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**Composition of Panel 4 of CHD 35 – Panel for Formulation of Standard on Low Cost Sensors**

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