**RESOLUTIONS**

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| **Name of the Committee** | **No. of Meeting** | **Date** | **Time** | **Venue** |
| **Waste Management Sectional Committee, EED 8** | Second  | 28 November 2024(Thursday) |  1100 h | Green Room (Samvaad), Manak Bhawan, Bureau of Indian Standards,  9, Bahadur Shah Zafar Marg,New Delhi |

**CHAIRPERSON:** Dr Anuradha Shukla, In personal capacity (Former Chief Scientist CSIR-CRRI), New Delhi.

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**MEMBER SECRETARY:** Shri Matcha Arun Kumar, Scientist-B/Assistant Director, BIS

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| RESOLUTION 01/ 2024 |
| Scope of Waste Management Sectional Committee, EED 8The Committee deliberated on the scope as presented under the Agenda Item 3.1.2 in detail and decided that members may provide their suggestions/comments on the scope within 10 days of the issuance of Resolutions. After receiving the inputs/comments/suggestions from the members on the scope, a meeting shall be conducted (preferably online mode) among the members who provide inputs/comments/suggestions to deliberate those and final recommendations will be circulated along with the minutes of meeting.  |
| RESOLUTION 02/ 2024 |
| a) Composition of EED 8The Committee reviewed the participation of members in the committee and decided to withdraw the membership of the following organizations in view of their absence in the last 3 or more than 3 meetings and non-active participation:i) Hindalco Industries Ltd., Mumbaiii) Maharashtra Pollution Control Board, Mumbaib) Co-option requestsThe Committee reviewed and discussed the composition of EED 8 presented at Agenda Item 3.3 and decided to co-opt Maruti Suzuki Pvt Ltd., Gurugram in the committee. The committee deliberated on the co-option request received from Dr Rohidas Gangaram Bhoi from Malaviya National Institute of Technology, Jaipur and Dr Suresh Sundaramurthy, Maulana Azad National Institute of Technology, Bhopal and decided that their details may be co-opted in any of the panel/working group of the committee based on their area of expertise, if required and their mail IDs may be included in the pool of experts for circulation of documents of the Committee for review and comments.  |
| RESOLUTION 03/ 2024 |
| 4.1 IS 18520 : 2024 Solid Waste Management Segregation Collection and Utilization at Commercial Facilities Shops Markets Malls etc. – GuidelinesThe committee deliberated on agenda item no. 4.1 and decided to issue amendment to IS 18520 : 2024 ‘Solid waste management segregation collection and utilization at commercial facilities (shops, markets and malls etc.) – Guidelines’ with the following changes:a) Definition of commercial facility as given below*“Commercial Facility means any facility that is used for retail stores, restaurants, office buildings, laundries, and other private business and service establishments or similar enterprises”*b) Replacing the term “non-industrial biomedical waste” with “domestic biomedical waste”c) Other changes as deliberated in the 19th meeting of Solid Waste Management Sectional Committee, CHD 33 (now Waste Management Sectional Committee, EED 8)The Committee advised the secretariat to issue the draft amendment for wide circulation for a period of 60 days by the end of December 2024. |
| RESOLUTION 04/ 2024 |
| 4.2 Doc EED/8/22371 Thermal Processing of Horticulture and Wet Waste – GuidelinesThe committee deliberated on agenda item no. 4.2 and finalized the Doc no: EED/8/22371 Thermal processing of horticulture and wet waste – Guidelines for publication.  |
| RESOLUTION 05/ 2024 |
| 5.1 Review of IS 17862:2022 Storage, Collection, Dismantling and Recycling of E-Waste — GuidelinesThe committee deliberated on the agenda item no. 5.1 and decided to circulate copy of IS 17862 : 2022 ‘Storage, collection, dismantling and recycling of e-waste – Guidelines’ along with copy of E-waste Management Rules 2022 to seek inputs/comments/suggestions from Dr Payal Nadurkuar, WE The Recycling Company and Shri Arvind, E-Parisaraa Pvt Ltd. within a month time period. |
| RESOLUTION 06/ 2024 |
| 5.2 Management of Packaging Waste in Manufacturers Premises including Producer Responsibility after Disposal by the User – Guidelines(*Panel EED 8/P 5; Convenor – Shri T K Bandopadhyay, Indian Centre for Plastics in Environment, Mumbai*)The Committee deliberated on the agenda item no. 5.2 and decided to update the composition of the Panel EED 8/P 5 as given below:a) Shri T K Bandopadhyay, Indian Centre for Plastics in Environment, Mumbai (Convenor)\b) Shri T Raghavendra Rao, Enecovery Waste Solutions Pvt Ltd, Mumbaic) Dr Sanchita Jindal, In personal Capacityd) Shri P K Khandelwal, In personal CapacityThe Committee requested the panel to conduct its next meeting, at the earliest. |
| RESOLUTION 07/ 2024 |
| 5.3 Refuse Derived Fuel(*Panel EED 8/P 4 ; Convenor – Dr N B Mazumdar, International Academy of Environmental Sanitation & Public Health, New Delhi )*The Committee deliberated on the agenda item no. 5.3 and decided to update the composition of the Panel EED 8/P 4 as given below:1. Dr N B Mazumdar, International Academy of Environmental Sanitation & Public Health, New Delhi (Convenor)
2. Dr Hitesh Sukhwal, Cement Manufacturers Association,New Delhi
3. Prof Sadhan K Ghosh (Retd.), Jadavpur University, Kolkata
4. Shri Pradeep Kumar Khandelwal, Retd. Chief Engineer, MCD, Delhi
5. Shri Prateek Sharma, National Council for Cement and Building Materials, Faridabad
6. Smt K Sravanthi Jeevan, CPHEEO, New Delhi
7. Shri P K Gupta, NTPC Ltd, New Delhi
8. Shri Rajneesh Gupta, SAIL, Kolkata

The Committee requested the panel to conduct its next meeting, at the earliest. |
| RESOLUTION 08/2024 |
| 5.4 Revision of IS 10447:1983 Guidelines for utilization and disposal of solid waste from integrated steel plants(*Working Group: EED 8/WG 1; Convenor - Dr. Siksha Swaroop Kar, CSIR – CRRI, New Delhi*)The Committee deliberated on the agenda item no. 5.4 and decided to update the composition of the Panel as given below:1. Dr. Siksha Swaroop Kar, (Convenor), CSIR-CRRI, New Delhi
2. Shri D. Satish Kumar, JSW Steel Limited, Bellary
3. Dr. Yogesh Dhoble, IPU, CSIR, New Delhi
4. Shri Rajneesh Kumar Gupta, SAIL, Kolkata
5. Shri Utsav Kashyap, Tata Steel Limited, Jamshedpur
6. Dr Jagannath Pal, National Metallurgical Laboratory, Jamshedpur

The Committee noted the work done and requested the Panel to expedite the revision of this standard and conduct its next meeting at the earliest. |
| RESOLUTION 09/2024 |
| New SubjectsThe committee deliberated on agenda item no. 6 and decided to constitute an Ad-hoc group to review the new subjects proposed for formulation of Indian Standards comprising of the following members1. Dr Anuradha Shukla, In personal capacity (Chairperson, EED 8)
2. Dr N B Mazumdar, International Academy of Environmental Sanitation and Public Health, New Delhi
3. Shri T Raghavendra Rao, Enecovery Waste Solutions Pvt Ltd., Mumbai
4. Shri T K Bandhopadhyay, Indian Centre for Plastics in Environment, Mumbai
5. Shri P K Khandelwal, Retd. Chief Engineer, MCD, Delhi
6. Shri P K Gupta, NTPC Ltd, New Delhi

The Committee tasked the Ad-hoc group with categorizing the subjects into Priority I, Priority II, and Priority III, and providing plan of action to work on these subjects for the development of Indian Standards.The Committee requested the Ad’hoc group to conduct the meeting by the end of December 2024. |
| RESOLUTION 10/2024 |
| R&D Project under the Committee EED 8The Committee reviewed the report submitted by Dr Indumathi M Nambi, IIT Madras, Project Leader for the R&D Project along with the following request submitted by her vide email dated 27.11.2024:i) Extension of timeline for completion of the project by another 2 monthsii) Request for procurement of new incinerator for performing tests related to dioxins and furansThe Committee deliberated on the matter in light of the work done by the Project Leader and rejected the request for extension of the time for completion of the project in view of the “Guidelines for Research & Development Projects for Formulation and Review of Standards” dated 28.05.2024. The Committee also did not agreed for the procurement of new incinerator as the same was not part of the original proposal submitted against the ToR.The Committee also advised the Project Leader to submit the final project report by 27.12.2024 along with the basic draft for the standard on the subject considering the discussions held during the meeting. |
| RESOLUTION 11/2024 |
| International activitiesThe Committee deliberated on the agenda item no. 8 and decided to revise the composition of the Panel EED 8/P 3 as given below along with assigning the responsibility of co-convenorship to Shri T Raghavendra Rao, Enecovery Waste Solutions Pvt Ltd.:1. Dr Anuradha Shukla, In personal capacity (Convenor)
2. Shri T Raghavendra Rao, Enecovery Waste Solutions Pvt Ltd., Mumbai (Co-convenor)
3. Dr N B Mazumdar, International Academy of Environmental Sanitation & Public Health, New Delhi
4. Dr D C Pant, The Energy Research Institute, New Delhi
5. Shri P K Khandelwal, Retd. Chief Engineer, MCD, Delhi
6. Shri G M Patel, Fertilizer Association of India, New Delhi

The Committee advised the panel to decide the priority level (high/medium) for each AWI/WD/NP/NWIP/CD document under development for both the Committees (ISO/TC 275 and ISO/TC 297)and to find out suitable experts who can be nominated as a ‘Designated Expert’ for each project and working groups in these ISO Committees. Also the Committee advised the Secretariat to prepare a google sheet for the members who are already nominated in various working groups of these ISO Committees for updating information related to scheduling and attending of meetings along with their contribution in every meeting.The Committee decided that the Designated Experts shall provide a report of the inputs of BIS (India) in the concerned ISO Working Group/Project, to the secretariat, for presenting to the Committee in its meetings for providing updates and review. |
| RESOLUTION 12/2024 |
| Date and Place for the Next Meeting of EED 8The Committee agreed to conduct its next meeting on 19th March 2025 in physical/hybrid mode at BIS, New Delhi.  |