

F.No. 45012/117/2018 – PC IV (FTS: 3014154)  
Government of India  
Ministry of Chemicals & Fertilizers  
Department of Chemicals & Petrochemicals  
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Shastri Bhawan, New Delhi  
Dated: 31<sup>st</sup> December, 2018

**ORDER**

**Subject: Constitution of an Expert Committee to define "Single Use of Plastics" in the country - regarding.**

Plastics have been contributing significantly towards the growth of the petrochemical industry and are playing a catalytic role in many sectors, particularly the manufacturing sector. Associated with its use, environmental concerns on plastic waste management have risen and many of the State Governments have imposed ban on 'single use plastics'. However, there have been differences of opinion on the definition of 'single use plastics' leading to lack of clarity among the stake holders, users, plastic industries, implementing agencies resulting in closure of many units. In the absence of clarity, the most common approach taken by some State Governments is to curtail the use of many plastic products which has rendered many processing MSME units non-functional, thereby affecting employment avenues in the country.

2. The Department of Chemicals and Petrochemicals under the Allocation of Business Rules, 1961 is concerned with the broad subject matters on entries relating to 'Petrochemicals'; 'Plastics including fabrication of plastic and moulded goods' & 'Planning, development and assistance to all industries dealt with by the Department'. Therefore, keeping in view the subjects allocated, the Department of Chemicals and Petrochemicals hereby constitutes an Expert Committee to define the 'Single Use Plastics' and related issues.

3. The composition of the Expert Committee is as follows:

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|-------|---|-----------------|
| (i)   | Dr. R.A Mashelkar (F.R.S.),<br>President,<br>Global Research Alliance (GRA), Pune.  | <b>Chairman</b> |
| (ii)  | Prof.Ashok Misra,<br>NASI Distinguished Professor,<br>Interdisciplinary Centre for Energy Research<br>Indian Institute of Science, Bengaluru. | <b>Member</b>   |
| (iii) | Prof (Dr.) R. Vasudevan,<br>Dean, ECA,<br>Thiagarajar College of Engineering, Madurai.  | <b>Member</b>   |
| (iv)  | Dr. Swaminathan Sivaram,<br>Professor and INSA Senior Scientist,<br>Indian Institute of Science Education and Research, Pune.                 | <b>Member</b>   |
| (v)   | Prof. Dwarkanath Dattatraya Kale.   | <b>Member</b>   |

Former Professor & Head,  
Plastics & Paints Department,  
Institute of Chemical Technology (ICT), Mumbai.

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|--------|--|-----------------|
| (vi)   | Director General, Bureau of Indian Standards / Representatives   | <b>Member</b>   |
| (vii)  | Additional Secretary,<br>Ministry of Environment, Forest & Climate Change,<br>Government of India.                     | <b>Member</b>   |
| (viii) | Joint Secretary (SBM),<br>Ministry of Housing and Urban Affairs, Government of India.                                  | <b>Member</b>   |
| (ix)   | Joint Secretary (PC), DCPC.  | <b>Member</b>   |
| (x)    | Director General, CIPET.   | <b>Member</b>   |
| (xi)   | Dr. S.K. Jain, Principal Director, CIPET Lucknow /<br>Dr. Smita Mohanty, Director (Pr. Scientist) APDDRL,<br>Bengaluru | <b>Convenor</b> |

4. The Terms of Reference (ToR) of the Committee will be as follows:

- (i) To study the effective implementation of Plastic Waste Management Rules, 2016 and Plastic Waste Management Rules, 2018 as updated from time to time, by local bodies and Government institutions for segregation of waste and separate materials in order to enable the recycling.
- (ii) Assessment of the impact of ban on various types of plastics by State Governments and other authorities.
- (iii) Baseline assessment to identify most problematic plastics as well as action plan to tackle them through regulatory, economic, awareness and voluntary actions and to propose an action plan to tackle the problem of use and disposal of single use plastics.
- (iv) Study the steps taken by developed and emerging economies in addressing the issue of single use of plastics and consider adoption of best practices with customization to the local conditions of the country.
- (v) To study the composition of municipal waste in order to analyse the plastics products in the dumps.
- (vi) To define and assess 'single use plastic' & plastic products after careful assessment of their impact on environment, economy and society with relevance / reference to Indian context.
- (vii) To finalise the design and specifications of single use plastics and identify the items included and excluded in the category of single use plastics.



- (viii) Analyse the usage of single use plastics in the Indian context and to recommend their usage in other applications keeping in view the local practices.
- (ix) Consider exclusion of products getting into recycling stream from the definition of single use plastics and also to identify single use plastic items that are deemed essential by their nature or application which cannot be substituted or avoided.
- (x) To monitor the implementation of 10 steps recommended by UNEP to reduce plastics pollution.
- (xi) To workout and recommend affordable and environmental friendly options with least carbon foot print where single use plastics are banned.
- (xii) To identify and engage with key stakeholders, including the Central Government, State Governments, Public Sector Undertakings, Industry Associations, NGOs and others related institutions, in the whole exercise being undertaken by the Committee.

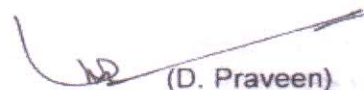
5. The tenure of the Committee shall be two months from the date of its first meeting. The Committee may co-opt industry representatives / associations or other experts, if required.

6. The meetings of the Committee shall be organized by the Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Government of India with the support from CIPET, Chennai.

7. The Head Quarters of the Expert Committee would be CIPET, Head Quarter, Chennai.

8. The TA / DA and sitting charges for non-official members for attending the Expert Committee Meeting will be met by CIPET, Head Quarter, Chennai as per Government of India rules.

9. This issues with the approval of Competent Authority.



(D. Praveen)

Director (PC-II)

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**Subject: Constitution of Core Group for formulating policy for implementation of EPR Action Plan as per PWM Rules, 2016**

The Government of India has notified the Plastic Waste Management Rules, 2016, as amended 2018. It is observed that implementation of Plastic Waste Management is major problem for many urban local bodies (ULBs) across India. Therefore, the performance of implementation is unsatisfactory due to lack of proper infrastructure, skilled manpower, timelines etc. in the ULBs and Municipal Corporations. Further, as per provisions 9(1) & (2) and new provision 13(2) of PWM Rules, 2016, as amended 2018, the Brand Owner/ Producers are required to implement EPR Action Plan in time-bound manner. Initially, CPCB prepared Guidelines for implementing Action Plan in time-bound manner. To formalize & systemize EPR Action Plan, CPCB constituted a Core Group representing members from Government Departments, PROs, NGOs, and Brand Owners etc. to prepare National Framework for implementation of EPR Action Plan for treatment & disposal of MLP & other plastic waste. The details of Members of the Core Group are given below:

| Sl. No. | Name                     | Designation                         | Contact Details   | Designated Position |
|---------|--------------------------|-------------------------------------|---|---------------------|
| 1.      | <b>Dr. S. K. Nigam</b>   | <b>Additional Director</b>          | In-charge UPC-II,<br>CPCB,<br>Parivesh Bhawan;<br>Delhi-110032 (India);<br>Phone: +91-9910608624<br>Email: <a href="mailto:ssskn2012@gmail.com">ssskn2012@gmail.com</a>   | <b>Chairman</b>     |
| 2.      | <b>Sh. Ashish Jain</b>   | Director                            | Indian Pollution Control Association (IPCA), Delhi,<br>4, DDA Shopping Complex, Hargovind Enclave, Vikas Marg Ext, Delhi - 110092<br>Phone: 011 - 42207478<br>Email: <a href="mailto:info@ipcaworld.co.in">info@ipcaworld.co.in</a> | <b>Member</b>       |
| 3.      | <b>Sh. Sachin Sharma</b> | Director                            | GEM Enviro Management Pvt. Ltd.,<br>New Delhi<br>Unit No. 203, Plaza-3,<br>Central Square, Bara Hindu Rao<br>Delhi -110006<br>Phone: 9654991840<br>E-mail: <a href="mailto:sachin@gemrecycling.com">sachin@gemrecycling.com</a>     | <b>Member</b>       |
| 4.      | <b>Sh. Sameer Pathak</b> | Corporate Affairs<br>Director-AMENA | Pepsico India Holdings Pvt. Ltd.,<br>Level 3-6, Pioneer Square, Sector 62<br>Near Golf Course Extension Road,<br>Gurugram - 122101<br>E-mail: <a href="mailto:samirkumar.pathak@pepsico.com">samirkumar.pathak@pepsico.com</a>      | <b>Member</b>       |
| 5.      | <b>Sh. Umesh Malik</b>   | Vice President                      | Hindustan Coca-Cola Beverages Pvt. Ltd.,<br>Unit No. 303-308, 3 <sup>rd</sup> Floor, Banni<br>Address One, Sec-56 Gurugaon-122011<br>E-mail: <a href="mailto:umeshmalik@coca-cola.com">umeshmalik@coca-cola.com</a>                 | <b>Member</b>       |
| 6.      | <b>Dr. Kunal N. Shah</b> | Head- Environment                   | Nepra Environmental Solutions Pvt. Ltd.,<br>208. Kalasagar Business Hub, Sattadhar<br>Cross Road, Ghatlodia,  | <b>Member</b>       |



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|----|-------------------------------|---|--|-----------------------------|
|    |                               |   | Ahmedabad-380061<br>Phone: +91-7621001647<br>E-mail: <a href="mailto:kunal.shah@nepra.co.in">kunal.shah@nepra.co.in</a>  |                             |
| 7. | <b>Sh. Sanjib K. Bezbaroa</b> | Executive Vice President<br>Corporate Environment Health & Safety | ITC Ltd.,<br>Virginia House,<br>Kolkata, West Bengal – 700071<br>Phone: 9831055317<br>E-mail: <a href="mailto:sanjib.bezbaroa@itc.in">sanjib.bezbaroa@itc.in</a>                           | <b>Member</b>               |
| 8. | <b>Sh. Sunil Bhagwat</b>      | Vice President  | Huhtamaki PPL Ltd.,<br>L.B.S. Marg , Majiwade,<br>Thane-400601<br>Maharashtra<br>Phone: +91-9819757950<br>E-mail: <a href="mailto:bhagwat@ppl.huhtamaki.com">bhagwat@ppl.huhtamaki.com</a> | <b>Member</b>               |
| 9. | <b>Sh. Prabhjot Sodhi</b>     | <b>Head<br/>(Circular Economy)</b>                                | UNDP<br>55 Lodhi Estate; Post Box-3059<br>New Delhi-110003<br>E-mail: <a href="mailto:probhot.sodhi@undp.org">probhot.sodhi@undp.org</a>   | <b>Member-<br/>Convener</b> |

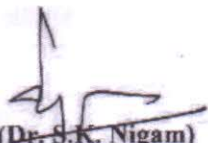
## 2. Work Assigned to Core Group:

- Approach for EPR Action Plan as per provisions of 9(1&2) and 13(2) of PWM Rules, 2016, as amended 2018.
- Roles & responsibilities of various stakeholders as per PWM Rules, 2016, as amended 2018.
- Mandatory requirements of documents for preparation of EPR Action Plan by BO(s)/Producer(s).
- Prepare Institutional framework & protocol for efficient and expeditious implementation of EPR Action Plan of MLP & Plastic Waste.
- Role of PROs/NGOs in implementation of EPR Action Plan.
- Suggested Action Plan by various Agencies like ITC, UNDP, IPCA etc.
- Monitoring Parameters for implementation of EPR Action Plan.

## 3. Terms of Reference of the Core Group:

- The Core Group will prepare Institutional Framework containing procedures and targets for implementation of EPR Action Plan as per PWM Rules, 2016, as amended 2018.
- The framework shall be completed by **14.01.2019**.
- The Core Group members shall meet in CPCB once in a week to discuss various action plans.
- Any other item as & when required by Chairman of the Committee or Chairman, CPCB.
- The Core Group will be terminated after finalization of Framework & its acceptance latest by **31.01.2019**.

**4. Arbitration:** In case of any dispute, the decision of Chairman, CPCB will be final.

  
(Dr. S.K. Nigam)  
Additional Director & I/c UPC-II

Copy for Information to:-  
CCB