PLASTIC WASTE MANAGEMENT RULES, 2016
(AMALGAMATING AMENDMENT RULES UP TO 2026)

WHEREAS, the draft rules further to amend the Plastic Waste Management Rules, 2016 were published in the Gazette of India, Extraordinary, Part II, Section 3, Sub-section (i), on the 11th March, 2021, vide notification numbers G.S.R. 169(E) dated the 18th January, 2022, G.S.R. 22(E) dated the 18th January, 2022, and G.S.R. 744(E) dated the 16th October, 2023, as well as vide notification number G.S.R. 365(E) dated the 3rd June, 2025, inviting objections and suggestions from all persons likely to be affected thereby within a period of sixty days from the date on which copies of the Gazette containing the said draft rules were made available to the public;

AND WHEREAS, copies of the Gazette containing the said draft rules were made available to the public on the 11th March, 2021, 18th January, 2022, 16th October, 2023, and 3rd June, 2025;

AND WHEREAS, the objections and suggestions received within the specified period have been duly considered by the Central Government;

NOW, THEREFORE, in exercise of the powers conferred by Sections 3, 6, and 25 of the Environment (Protection) Act, 1986 (29 of 1986), the Central Government hereby makes the following rules further to amend the Plastic Waste Management Rules, 2016, namely:—

1. Short title and commencement. –

(1) These rules may be called Plastic Waste Management Rules, 2016.

(2) They shall come into force on the date of their publication in the Official Gazette.

2. Application.-

(1) These rules shall apply to every waste generator, local body, Gram Panchayat, manufacturer, Importers, brand-owner, plastic waste processor (recycler, co-processor, etc.) [12.07.2021] and producer.

(2) The rule 4 shall not apply to the export oriented units or units in special economic zones, notified by the Central Government, manufacturing their products against an order for export: Provide this exemption shall not apply to units engaged in packaging of gutkha, tobacco and pan masala and also to any surplus or rejects, left over products and the like.

3. Definitions.-

In these rules, unless the context otherwise requires.-

(a) "Act" means the Environment (Protection) Act, 1986 (29 of 1986);

ab. "alternate use" means use of material for a purpose other than for which it was conceived, which is beneficial because it promotes resource efficiency; ([27.03.2018])

(ac) "Biodegradable plastics" means plastics, other than compostable plastics, which undergoes degradation by biological processes under ambient environment (terrestrial or in water) conditions, without leaving any micro plastics, or visible, or distinguishable or

toxic residue, which has adverse environment impacts, adhering to laid down standards of Bureau of Indian Standards and certified by the Central Pollution Control Board (06.07.2022)

(ac) "Biodegradable plastics" means that plastics, other than compostable plastics, which undergoes degradation by biological processes in specific environment such as soil, landfill, sewage sludge, fresh water, marine, without leaving any micro plastics or visible or distinguishable or toxic residue, which has adverse environment impact. (14.03.2024)

(b) "brand owner" means a person or company who sells any commodity under a registered brand label or trademark. (06.07.2022)

(c) "carry bags" "(covered under Category II of plastic packaging – Clause (5.1) (II), given in Schedule – II)" (06.07.2022) mean bags made from plastic material or compostable plastic material, used for the purpose of carrying or dispensing commodities which have a self-carrying feature but do not include bags that constitute or form an integral part of the packaging in which goods are sealed prior to use.

(d) "Commodity" means tangible item that may be bought or sold and includes all marketable goods or wares;

(e) "compostable plastics" mean plastic that undergoes degradation by biological processes during composting to yield CO2, water, inorganic compounds and biomass at a rate consistent with other known compostable materials, excluding conventional petro-based plastics, and does not leave visible, distinguishable or toxic residue;

(f) "consent" means the consent to establish and operate from the concerned State Pollution Control Board or Pollution Control Committee granted under the Water (Prevention and Control of Pollution) Act, 1974 (6 of 1974), and the Air (Prevention and Control of Pollution) Act, 1981 (14 of 1981);

(g) "disintegration" means the physical breakdown of a material into very small fragments;

ga. "end of life disposal" —means the utilisation of plastic waste for the purpose of energy recovery including coprocessing in industries such as cement, steel, and any other similar industry, waste-to-energy processes, wasteto-oil conversion, and use in road construction in accordance with applicable guidelines; Provided that, it shall not include processes wherein plastic waste is converted into feedstock chemicals, or for the production of new plastic , which shall be considered as recycling. (31.03.2026)

gb. "energy recovery" means energy recovery from waste that is conversion of waste material into usable heat, electricity or fuel through a variety of processes including combustion, gasification, pyralisation, anaerobic digestion & landfill gas recovery" (27.03.2018)

(h) "extended producer's responsibility" means the responsibility of a producer for the environmentally sound management of the product until the end of its life;

(i) "food-stuffs" mean ready to eat food products, fast food, processed or cooked food in liquid, powder, solid or semi-solid form;

(j) "facility" means the premises used for collection, Storage, recycling, processing and disposal of plastic waste;

(k) "Importer" means a person who imports plastic packaging or products with plastic packaging or carry bags or multilayered packaging or plastic sheets or like; (06.07.2022)

(k) **"importer"** means a person who imports for commercial use, any plastic packaging or any commodity with plastic packaging or carry bags or plastic sheets or like material, or plastic raw material including in the form of resin or pellets, or intermediate material to be used for manufacturing plastic packaging such as films or preforms (14.03.2024).

(l) "institutional waste generator" means and includes occupier of the institutional buildings such as building occupied by Central Government Departments, State Government Departments, public or private sector companies, hospitals, schools, colleges, universities or other places of education, organization, academy, hotels, restaurants, malls and shopping complexes;

(m) "manufacturer" means and includes a person engaged in production of plastic raw material, including compostable plastics and biodegradable plastics. (14.03.2024)

(n)"multilayered packaging" means any material used or to be used for packaging and having at least one layer of plastic as the main ingredients in combination with one or more layers of materials such as paper, paper board, polymeric materials, ~~metalised layers or~~ (14.03.24) aluminum foil, either in the form of a laminate or co-extruded structure;

(na) "Non-woven plastic bag" means Non-woven plastic bag made up of plastic sheet or web structured fabric of entangled plastic fibers or filaments (and by perforating films) bonded together by mechanical or thermal or chemical means, and the "non-woven fabric" means a flat or tufted porous sheet that is made directly from plastic fibres, molten plastic or plastic films;(12.07.2021)

(o) "plastic" means material which contains as an essential ingredient a high polymer such as polyethylene terephthalate, high density polyethylene, Vinyl, low density polyethylene, polypropylene, polystyrene resins, multi-materials like acrylonitrile butadiene styrene, polyphenylene oxide, polycarbonate, Polybutylene terephthalate;

oa "Plastic Packaging" means packaging material made by using plastics for protecting, preserving, storing and transporting of products in a variety of ways; (06.07.2022)

(p) "plastic sheet" means Plastic sheet is the sheet made of plastic;

(q) "plastic waste" means any plastic discarded after use or after their intended use is over;

(qa) "Plastic waste processing" means any process by which plastic waste is handled for the purpose of reuse, recycling, co-processing or transformation into new products or generation of energy. (31.03.2026)

(qb) "Plastic Waste Processors" means entities involved in recycling of plastic waste or entities engaged in end of life disposal of plastic waste. (31.03.2026)

(qc) "Post-consumer plastic packaging waste" means plastic packaging waste generated by the end-use consumer after the intended use of packaging is completed and is no longer being used for its intended purpose; (06.07.2022)

(r) "prescribed authority" means the authorities specified in rule 12;

(ra) "Pre-consumer plastic packaging waste" means plastic packaging waste generated in the form of reject or discard at the stage of manufacturing of plastic packaging and plastic packaging waste generated during the packaging of product including reject, discard, before the plastic packaging reaches the end-use consumer of the product; (06.07.2022)

(s) "producer" means persons engaged in manufacturing of plastic packaging; and includes a person engaged in manufacture of intermediate material to be used for manufacturing plastic packaging; and also the person engaged in contract manufacturing of products using plastic packaging or through other similar arrangements for a brand owners. (14.03.2024)

(sa) "Recyclers" are entities who are engaged in the process of recycling of plastic waste; (06.07.2022)

(t) "recycling" means the process of transforming segregated plastic waste into a new product or raw material for producing new products;

(u) "**registration**" means registration with the State Pollution Control Board or Pollution
Control Committee concerned, as the case may be;

(ua) "registered environment auditor" means Environment Auditor as defined under the Environment Audit Rules, 2025; (31.03.2026)

(ub) "reuse" means using an object or resource material again for either the same purpose or another purpose without changing the object's structure;(31.03.2026)

(uc) "seller" means a person who sells plastic raw material such as resins or pellets or intermediate material used for producing plastic packaging;'.(31.03.2026)

(v) **"street vendor"** shall have the same meaning as assigned to it in clause (l) of sub-section (1) of Section 2 of the Street Vendors (Protection of Livelihood and Regulation of Street Vending) Act, 2014 (7 of 2014);

(va) **"Single-use plastic commodity"** mean a plastic item intended to be used once for the same purpose before being disposed of or recycled; (12.07.2021)

(vb) **"Thermoset plastic"** means a plastic which becomes irreversibly rigid when heated and hence cannot be remoulded into desired shape. (12.07.2021)

(vc) **"Thermoplastic"** means a plastic which softens on heating and can be moulded into desired shape; (12.07.2021)

(w) **"local body"** means urban local body or authority with different nomenclature such as municipal corporation, municipality, nagarpalika, nagarnigam, nagarpanchayat, municipal council including notified area committee (NAC) and not limited to or any other local body or local authority or other authority constituted under the relevant statutes such as gram panchayat, where the management of plastic waste is entrusted to such agency; (31.03.2026)

(wa) "Use of recycled plastic" means recycled plastic used as raw material, instead of virgin plastic, in the manufacturing process; (06.07.2022)

(x) **"virgin plastic"** means plastic material which has not been subjected to use earlier and has also not been blended with scrap or waste;

(y) "waste generator" means and includes every person or group of persons or institution, residential and commercial establishments including Indian Railways, Airport, Port and Harbour and Defense establishments which generate plastic waste;

(z) **"waste management**" means the collection, storage, transportation reduction, re-use, recovery, recycling, composting or disposal of plastic waste in an environmentally safe manner;

(aa) "waste pickers" mean individuals or agencies, groups of individuals voluntarily engaged or authorised for picking of recyclable plastic waste.

aab "Waste to Energy"' means using plastic waste for generation of energy and includes co- processing (e.g. in cement kilns); (06.07.2022)

4. Conditions.-

(1) The manufacture, import, stocking, (12.07.2021) distribution, sale and use of carry bags, plastic sheets or like, or cover made of plastic sheet and multilayered packaging, shall be subject to the following conditions, namely:-

a) carry bags and plastic packaging shall either be in natural shade which is without any added pigments or made using only those pigments and colourants which are in conformity with Indian Standard : IS 9833:1981 titled as "List of pigments and colourants for use in plastics in contact with foodstuffs, pharmaceuticals and drinking water", as amended from time to time;

b) carry bags made of recycled plastic or products made of recycled plastic can be used for storing, carrying, dispensing, or packaging ready to eat or drink food stuff subject to the notification of appropriate standards and regulation under the Food Safety and Standards Act, 2006 (34 of 2006) by the Food Safety and Standards Authority of India;

c) carry bag made of virgin or recycled plastic, shall not be less than seventy five microns in thickness with effect from the 30th September, 2021and one hundred and twenty (120) microns in thickness with effect from the 31st December, 2022; (12.07.2021)

d) plastic sheet or like, which is not an integral part of multilayered packaging and cover made of plastic sheet used for packaging, wrapping the commodity shall not be less than fifty microns in thickness except as specified by the Central Government (06.07.2022) where the thickness of such plastic sheets impair the functionality of the product;

e) the manufacturer shall not sell or provide or arrange plastic to be used as raw material to a producer or to a seller not registered under these rules. (14.03.2024)

f) sachets using plastic material shall not be used for storing, packing or selling gutkha, tobacco and pan masala;

g) recycling of plastic waste shall conform to the Indian Standard: IS 14534:1998 titled as Guidelines for Recycling of Plastics, as amended from time to time;

h) The provision of thickness under clause (c) shall not apply to carry bags or commodities made from compostable plastic or biodegradable plastics. Carry bags and commodities made from compostable plastics shall conform to the Indian Standard: IS/ISO 17088; 2021 titled as Specifications for Compostable Plastics. (14.03.2024)

(ha) the manufacture of carry bags and commodities covered under sub-rule (3) shall be permitted to be made from compostable plastics or biodegradable plastics subject to mandatory marking and labeling laid down under these rules and the regulations of the Food Safety and Standards Authority of India for food contact applications. The manufacturers of compostable plastic or biodegradable plastic carry bags or commodities permitted under the rules, shall obtain a certificate from the Central Pollution Control Board before marketing or selling. (14.03.2024)

i) plastic material, in any form including Vinyl Acetate - Maleic Acid - Vinyl Chloride Copolymer, shall not be used in any package for packaging gutkha, pan masala and tobacco in all forms.

(j) non-woven plastic carry bag shall not be less than 60 Gram Per Square Meter (GSM) with effect from the 30th September, 2021." (12.07.2021)

2) The manufacture, import, stocking, distribution, sale and use of following single use plastic, including polystyrene and expanded polystyrene, commodities shall be prohibited with effect from the 1st July 2022:-

(a) earbuds with plastic sticks, plastic sticks for balloons, plastic flags, candy sticks, ice-cream sticks, polystyrene [Thermocol] for decoration; (12.07.2021)

b) plates, cups, glasses, cutlery such as forks, spoons, knives, straw, trays, wrapping or packing films around sweet boxes, invitation cards, and cigarette packets, plastic or PVC banners less than 100 micron, stirrers. (12.07.2021)

(3) The provisions of sub-rule (2) (b) shall not apply to commodities made of compostable plastic (12.07.2021) and biodegradable plastics. . (06.07.2022)

(3A) the manufactures of commodities made from compostable plastics or biodegradable plastics shall report the quantity of such commodities introduced in the market and pre-consumed waste generated to the Central pollution Control Board. (14.03.2024)

(4) Any notification prohibiting the manufacture, import, stocking, distribution, sale and use of carry bags, plastic sheets or like, or cover made of plastic sheets and multilayred packaging and single-use plastic, including polystyrene and expanded polystyrene, commodities, issued after this notification, shall come into force after the expiry of ten years, from the date of its publication". (12.07.2021)

(5) Every manufacturer of commodities made from plastic or part thereof shall ensure processing of the pre-consumer plastic waste generated in the form of reject or discard material at the stage of manufacturing and such manufacturer shall report to the State Pollution Control Board or Pollution Control Committee concerned. (14.03.2024)

5. Plastic waste management.-

(1) The plastic waste management by the urban local bodies in their respective jurisdiction shall be as under:-

(a) plastic waste, which can be recycled, shall be channelized to registered plastic waste recycler and recycling of plastic shall conform to the Indian Standard: IS 14534:1998 titled as Guidelines for Recycling of Plastics, as amended from time to time.

(b) local bodies shall encourage the use of plastic waste (preferably the plastic waste which cannot be further recycled) for road construction as per Indian Road Congress guidelines or energy recovery or waste to oil etc. The standards and pollution control norms specified by the prescribed authority for these technologies shall be complied with.

(c) Thermo set plastic waste shall be processed and disposed off as per the guidelines issued from time to time by the Central Pollution Control Board.

(d) The inert from recycling or processing facilities of plastic waste shall be disposed of in compliance with the Solid Waste Management Rules, 2016 (12.07.2021) or as amended from time to time.

6. Responsibility of local body.-

(1) Every local body shall be responsible for development and setting up of infrastructure for segregation, collection, storage, transportation, processing and disposal of the plastic waste either on its own or by engaging agencies ~~or producers~~ (14.03.2024)

(1A) Every manufacturer, producer, importer, brand owner, manufacturer of commodities made from compostable plastics or biodegradable plastics may engage with local body on voluntary basis, as per mutually agreed terms and conditions entered into by them and the local body. (14.03.2024)

(2) The local body shall be responsible for setting up, operationalisation and co-ordination of the waste management system and for performing the associated functions, namely:-

(a) Ensuring segregation, collection, storage, transportation, processing and disposal of plastic waste;

(aa) ensuring that the provisions of these rules, as amended, are adhered to; (12.07.2021)

(b) ensuring that no damage is caused to the environment during this process; (c) ensuring channelization of recyclable plastic waste fraction to recyclers; (d) ensuring processing and disposal on non-recyclable fraction of plastic waste in accordance with the guidelines issued by the Central Pollution Control Board; (e) creating awareness among all stakeholders about their responsibilities; (f) engaging civil societies or groups working with waste pickers; and (g) ensuring that open burning of plastic waste does not take place.

(3) The local body for setting up of system for plastic waste management shall seek assistance of producers and such system shall be set up within one year from the date of final publication of these rules in the Official Gazette of India.

(4) The local body to frame bye-laws incorporating the provisions of these rules.

(5) The local body shall undertake assessment of plastic waste generated, including plastic waste existing in dump sites, by the 30th June of every year and also estimate the quantity of plastic waste to be generated in following five year period. (14.03.2024)

(6) The local body shall asses the plastic waste management infrastructure available for collection, segregation and processing and send a report to the State Pollution Control Board or Pollution Control Committee concerned by 30th June of each year. (14.03.2024)

(7) The local body shall take necessary measures to prevent stocking, distribution, sale and usage of prohibited single use plastic items in their jurisdiction. (14.03.2024)

(8) The local body shall include in the annual report the following details on plastic waste management, namely:- (14.03.2024)

(i) plastic waste generated, including plastic waste existing in dump sites, in a year;

(ii) plastic waste management infrastructure available for collection, segregation and processing;

(iii) projection of plastic waste to be generated;

(iv) status on framing and implementation on byelaws;

(v) actions taken action to prevent stocking, distribution, sale and usage of prohibited Single Use Plastic items.

7. Responsibility of Gram Panchayat.-

(1) Every gram panchayat or panchayat at district level (14.03.2024) either on its own or by engaging an agency shall set up, operationalise and co-ordinate for waste management in the rural area under their control and for performing the associated functions, namely,-

(a) ensuring segregation, collection, storage, transportation, plastic waste and channelization of recyclable plastic waste fraction to recyclers having valid registration; ensuring that no damage is caused to the environment during this process;

(aa) ensuring that the provisions of these rules, as amended, are adhered to;".

(b) creating awareness among all stakeholders about their responsibilities; and (c) ensuring that open burning of plastic waste does not take place.

(d) engaging civil societies or groups working with waste pickers (14.03.2024)

(e) ensuring that open burning of plastic waste does not take place(14.03.2024)

(f) taking necessary measures to prevent stocking, distribution, sale and usage of prohibited Single Use Plastic items in their jurisdiction. (14.03.2024)

(2) Every Producer, Importer and Brand owner, manufacturer and manufacturer of commodities made from compostable plastics or biodegradable plastics may engage with Panchayat at District levels, on a voluntary basis as, as per mutually agreed, terms and conditions entered into by them and the Panchayat at District and Village levels (14.03.2024)

7A. Responsibility of Panchayat at District Level :- (14.03.2024)

(1) The Pancahayat at District level shall undertake assessment of plastic waste generated, including plastic waste existing at dump sites, the 30th June of every year for rural areas of the district and also estimate the quantity of plastic waste to be generated in following five year period.

(2) The Panchayat at District level shall asses the plastic waste management infrastructure available for collection, segregation and processing and report to the State Pollution Control Board or Pollution Control Committee concerned by 30th June of each year.

(3) The Panchayat at District level shall include in the annual report the following details on plastic waste management namely ;-

(i) plastic waste generated, including plastic waste existing in dump sites, in a year;

(ii) plastic waste management infrastructure available for collection, segregation and processing;

(iii) projection of plastic waste to be generated;

(iv) status on framing and implementation on byelaws;

(v) actions taken action to prevent stocking, distribution, sale and usage of prohibited Single Use Plastic items.

8. Responsibility of waste generator.-

(1) The waste generator shall.-

(a) take steps to minimize generation of plastic waste and segregate plastic waste at source in accordance with the Solid Waste Management Rules, 2000 or as amended from time to time.

(b) not litter the plastic waste and ensure segregated storage of waste at source and handover segregated waste to urban local body or gram panchayat or agencies appointed by them or registered waste pickers', registered recyclers or waste collection agencies;

(2) All institutional generators of plastic waste, shall segregate and store the waste generated by them in accordance with the Municipal Solid Waste (Management and Handling) Rules, 2000 notified vide S.O. 908(E) dated the 25th September, 2000 under the Act or amendment from time to time and handover segregated wastes to authorized waste processing or disposal facilities or deposition centers either on its own or through the authorized waste collection agency.

(3) All waste generators shall pay such user fee or charge as may be specified in the bye-laws of the local bodies for plastic waste management such as waste collection or operation of the facility thereof, etc.;

(4) Every person responsible for organising an event in open space, which involves service of food stuff in plastic or multilayered packaging shall segregate and manage the waste generated during such events in accordance with the Municipal Solid Waste (Management and Handling) Rules, 2000 notified vide S.O. 908(E) dated the 25th September, 2000 under the Act or amendment from time to time.

9. Responsibility of producers, Importers and Brand Owners.-

(1) The Producers, Importers and Brand Owners who introduce any plastic packaging in the market shall be responsible for collection of such plastic packaging. (14.03.2024)

(2) Where any Producer, Importer or Brand owner fulfils his extended producer responsibility, he is deemed to have complied with his responsibility under sub-rule (1). (14.03.2024)

(2A) The Producers, Importers, Brand owners, manufacturers, and manufacturers of commodities made from compostable plastics or biodegradable plastics, shall fulfill Extended Producer Responsibility as per guidelines specified in Schedule-II. (14.03.2024)

(3) Manufacture and use of non- recyclable multilayered plastic if any should be phased out in two years' time.

(4) The producer, within a period of three months from the date of final publication of these rules in the Official Gazette shall apply to the Central Pollution Control Board & State (06.07.2022) Pollution Control Board or the Pollution Control Committee, as the case may be, of the States or the Union Territories administration concerned, for grant of registration.

(5) No producer shall on and after the expiry of a period of Six Months from the date of final publication of these rules in the Official Gazette manufacture or use any plastic or multilayered packaging for packaging of commodities without registration from Central Pollution Control Board if operating in more than two states or union territories the concerned State Pollution Control Board or the Pollution Control Committees **(as per sub-rule (2) of rule 13)**; (06.07.2022)

(6) Every producer shall maintain a record of details of the person engaged in supply of plastic used as raw material to manufacture carry bags or plastic sheet or like or cover made of plastic sheet or multilayered packaging.

10. Protocols for compostable and biodegradable plastic materials:-

(1) Determination of the degree of degradability and degree of disintegration of plastic material shall be as per the protocols of the Indian Standards listed in Schedule I. (06.07.2022)

(2) The compostable plastic materials shall conform to the IS / ISO 17088:2021, as amended from time to time. (06.07.2022)

(3) The biodegradable plastics shall conform to the standard notified by the Bureau of Indian Standards and certified by the Central Pollution Control Board. (06.07.2022)

(4) Until a standard referred to in sub-rule (3) is notified by the Bureau of Indian Standards, biodegradable plastics shall conform to tentative Indian Standard IS 17899 T:2022 as notified by the Bureau of Indian Standards. (06.07.2022)

(5) As a transitory measure, provisional certificate for biodegradable plastics, shall be issued by the Central Pollution Control Board, in cases, where an interim test report is submitted, for an ongoing test, which covers the first component of the IS 17899 T:2022 relating to biodegradability given at Sl. No. (i) or Sl. No. (ii) of Table 1 or Sl. No. (i) of Table 2 of the IS 17899 T:2022:

Provided that the provisional certificate shall be valid till 30th June 2023 with the condition that production or import of biodegradable plastics shall cease after the 31st day of March, 2023. (06.07.2022)

(6) The interim test report shall be obtained from the Central Institute of Petrochemical Engineering and Technology or a laboratory recognised under the Laboratory Recognition Scheme, 2020, of the Bureau of Indian Standards or laboratories accredited for this purpose by the National Accreditation Board for Testing and Calibration Laboratories, and they shall certify the bio-degradation of plastic is in line with IS 17899 T:2022. (06.07.2022)

(6) Provided that where testing of biodegradable plastic had commenced prior to the registration of a laboratory, and the report is in conformity with IS 17899 T:2022, the Central Pollution Control Board shall ask the applicant for re-testing and permit the production or the usage of such biodegradable plastics, till the period the test report is received from duly recognized laboratory subject to furnishing of bank guarantee equal to amount of Environment Compensation leviable under rule 18:

Provided further that the bank guarantee shall be forfeited if the result of such test doe nit conform to IS 17899 T:2022. (14.03.2024)

(7) BIS shall specify separate colour or marking for plastic packaging and commodities made from compostable plastics or biodegradable plastics. (14.03.2024)

11. Marking or labeling:-

(1) Each plastic carry bag, plastic sheet or like used for packaging and multilayered packaging shall have the following information printed in English namely,-

(a) name, registration number of the producer or brand owner and thickness in case of carry bag and plastic packaging:
Provided that this provision shall not be applicable (06.07.2022)

(i) for plastic packaging used for imported goods: (06.07.2022)

(ii) for cases falling under rule 26 of the Legal Metrology Packaged Commodities Rules, 2011, after the approval of the Central Pollution Control Board: (06.07.2022)

(iii) for cases where it is technically not feasible to print the requisite information mandated under this Rule, as per specifications given in the ―Guidelines for use of Standard Mark and labelling requirements under BIS Compulsory Registration Scheme for Electronic and IT Products‖ after the approval of the Central Pollution Control Board; (06.07.2022)

(b) name and registration number of the producer or brand owner (06.07.2022) in case of multilayered packaging excluding multi-layered packaging used for imported goods; with effect from 1st January 2023

(c) name and certificate number of producer (12.07.2021)[Rule 4(h)] in case of carry bags made from compostable plastic

d) The importer or producer or brand owner of imported carry bags or multi-layered packaging or plastic packaging, alone or along with products shall adhere to clause (a) and (b). (06.07.2022)

(2) Each recycled plastic packaging or commodity shall conform to the Indian Standard: IS 14534: 2023 titled 'Plastics—Recovery and Recycling of Plastics Waste—Guidelines', and shall bear the label and marking as shown below indicating the use of recycled plastic content in accordance with the said standard, and shall also comply with the applicable marking and labelling requirements specified by the Food Safety and Standards Authority of India, in respect of food contact application."(31.03.2026)

NOTE: PET-Polyethylene terephthalate, HDPE-High density polyethylene, V-Vinyl (PVC), LDPE- Low density polyethylene, PP-Polypropylene, PS-Polystyrene and Other means all other resins and multi-materials like ABS (Acrylonitrile butadiene styrene), PPO (Polyphenylene oxide), PC (Polycarbonate), PBT (Polybutylene terephalate)".(31.03.2026)

(3) Each plastic packaging or commodity made from compostable plastics shall bear a label "compostable only under industrial composting" and shall conform to the Indian Standard: IS/ISO 17088:2021 titled as "Specifications for Compostable Plastics." (14.03.2024)

(4) Each plastic packaging or commodity made from biodegradable plastics shall bear the label "Biodegradable in [----specify number of days----] only in the [---specify recipient environment such as soil, landfill, water, etc---] (14.03.2024)

12. Prescribed authority.-

(1) The Central Pollution Control Board or (06.07.2022) State Pollution Control Board and Pollution Control Committee in respect of a Union territory shall be the authority for enforcement of the provisions of these rules relating to registration, manufacture of plastic products and multilayered packaging, processing and disposal of plastic wastes.

(2) The concerned Secretary-in-charge of Urban Development of the State or a Union Territory shall be the authority for enforcement of the provisions of these rules relating to waste management by waste generator, restriction or prohibition on (12.07.2021) use of plastic carry bags, plastic sheets or like, covers made of plastic sheets and multilayered packaging.

(3) The concerned Gram Panchayat shall be the authority for enforcement of the provisions of these rules relating to waste management by the waste generator, restriction or prohibition on (12.07.2021) use of plastic carry bags, plastic sheets or like, covers made of plastic sheets and multilayered packaging in the rural area of the State or a Union Territory.

(3A) The concerned Local Body in its jurisdiction shall be the authority for enforcement of the provisions of these rules relating to waste management by the waste generator, restriction or prohibition on use of plastic carry bags, plastic sheets or like, covers made of plastic sheets and plastic packaging and items prohibited under rule 4, and in cases where urban local body and a local authority, constituted under relevant statutes, have overlapping jurisdictions, the urban local body shall be the authority for enforcement of the provisions under this sub-rule, and for areas beyond the jurisdiction of urban local body but within the jurisdiction of local authority including peri urban areas, the local authority shall be the authority for enforcement of the provisions under this sub-rule. (31.03.2026)

(3B) The concerned Gram Panchayat in its jurisdiction shall be the authority for enforcement of the provisions of these rules relating to waste management by the waste generator, restriction or prohibition on use of plastic carry bags, plastic sheets or like, covers made of plastic sheets and plastic packaging and items prohibited under rule 4. (31.03.2026)

(3C) The concerned Panchayat at District Level in its jurisdiction shall be the authority for enforcement of the provisions of these rules relating to waste management by the waste generator, restriction or prohibition on use of plastic carry bags, plastic sheets or like, covers made of plastic sheets and plastic packaging and items prohibited under rule 4. (31.03.2026)

(4) The authorities referred to in sub-rules (1) to (3) shall take the assistance of the District Magistrate or the Deputy Commissioner within the territorial limits of the jurisdiction of the concerned district in the enforcement of the provisions of these rules.

13. Registration of producer, recyclers and manufacturer:-

(1) No person shall manufacture carry bags or recycle plastic bags or multilayered packaging unless the person has obtained a registration from

i. The concerned State Pollution Control Board or Pollution Control Committee of the Union Territory, if operating in one or two states or Union territories; or

ii. The Central Pollution Control Board, if operating in more than two States or Union Territories, (06.07.2022)

(2) Every producer or importer (06.02.2022) or brand-owner shall, for the purpose of registration or for renewal of registration, make an application as per the guidelines specified in Schedule – II (06.07.2022) to as per the procedure prescribed under Regulation for Extended Producer Responsibility issued under Rule 9 (1) the State Pollution Control Board or the Pollution Control Committee of the Union territory concerned, in Form I

i. The concerned State Pollution Control Board or Pollution Control Committee of the Union Territory, if operating in one or two states or Union territories; or

ii. The Central Pollution Control Board, if operating in more than two States or Union Territories

(3) Every person recycling or processing waste or proposing to recycle or process plastic waste shall make an application to the State Pollution Control Board or the Pollution Control Committee, for grant of registration or renewal of registration for the recycling unit, in Form II as per the guidelines specified in Schedule - II (06.07.2022) as per the procedure prescribed under Regulation for Extended Producer Responsibility issued under Rule 9 (1).

(4) Every manufacturer and importer of plastic raw material shall make an application to the State Pollution Control Board or the Pollution Control Committee concerned, for registration, in Form III: (14.03.2024)

(4A) For the purpose of these rules, the manufacturer and importer of plastic raw material shall,-

(i) Sell plastic raw material to only to Producer or seller registered under these rules and the Registration number of such Producer or Seller is mentioned on sale invoice for sale of plastic raw material.

(ii) Not sell plastic raw material to any entity or units engaged in manufacturing of prohibited single use plastic items;

(iii) Print the following on all packaging bags of plastic raw material:

"Not to be used in the manufacture of single use plastic items prohibited under the Plastic waste Management Rules, 2016 including plastic sheets < 50 micron thickness, non-woven carry bags < 60 GSM, Carry bags < 120 micron thickness.

(iv) Submit Quarterly Report to the Central Pollution Control Board or Pollution Control Committee concerned; (14.03.2024)

(4B) Every person engaged in sale of plastic raw material or an intermediate material used for manufacture of plastic packaging to producer shall make an application to the State Pollution Control Board or the Pollution Committee concerned, for registration. (14.03.2024)

(5) The State Pollution Control Board or the Pollution Control Committee shall not issue or renew registration to plastic waste recycling or processing units unless the unit possesses a valid consent under the Water (Prevention and Control of Pollution) Act, 1974 (6 of 1974) and the Air (Prevention and Control of Pollution) Act, 1981 (14 of 1981)

along with a certificate of registration issued by the District Industries Centre or any other Government agency authorised in this regard.

(6) Omitted (06.07.2022)

(7) On receipt of the application complete in all respects for the registration for recycling or processing of plastic waste under sub-rule (3), the State Pollution Control Board may, after such inquiry as it considers necessary and on being satisfied that the applicant possesses appropriate facilities, technical capabilities and equipment to handle plastic waste safely, may grant registration to the applicant on fulfilment of the conditions as may be laid down in terms of registration and the registration shall be subject to fulfilment of obligations in accordance with the guidelines on Extended Producer Responsibility for Plastic Packaging specified in Schedule –II. (06.07.2022) The registration shall be subject to every person recycling or processing plastic waste or proposing to recycle or process plastic waste, adhering to the Regulation for Extended Producer Responsibility issued under Rules 9 (1), as applicable;

(8) Where the registration is not granted within a period of 30 days after the receipt of application complete in all respect, the applicant shall be deemed to be registered under these rules on the expiry of such period. (14.03.2024)

(9) The registration granted under this rule shall initially be valid for a period of one year, unless revoked, suspended or cancelled and shall subsequently be granted for three years.

(10) State Pollution Control Board or the Pollution Control Committees shall not revoke, suspend or cancel registration without providing the opportunity of a hearing to the producer or person engaged in recycling or processing of plastic wastes.

(11) Every application for renewal of registration shall be made at least one hundred twenty days before the expiry of the validity of the registration certificate.

14. Responsibility of retailers and street vendors:-

(1) Retailers or street vendors shall not sell or provide commodities to consumer in carry bags or plastic sheet or multilayered packaging, which are not manufactured and labelled or marked, as per prescribed under these rules.

(2) Every retailers or street vendors selling or providing commodities in, plastic carry bags or multilayered packaging or plastic sheets or like or covers made of plastic sheets which are not manufactured or labelled or marked in accordance with these rules shall be liable to pay such fines as specified under the bye-laws of the local bodies.

15. Explicit pricing of carry bags.-

(1) The shopkeepers and street vendors willing to provide plastic carry bags for dispensing any commodity shall register with local body. The local body shall, within a period of six months from the date of final publication of these rules ion the Official Gazette of India

notification of these rules, by notification or an order under their appropriate state statute or byelaws shall make provisions for such registration on payment of plastic waste management fee of minimum rupees forty eight thousand @ rupees four thousand per month. The concerned local body may prescribe higher plastic waste management fee, depending upon the sale capacity. The registered shop keepers shall display at prominent place that plastic carry bags are given on payment.

(2) Only the registered shopkeepers or street vendors shall be eligible to provide plastic carry bags for dispensing the commodities.

(3) The local body shall utilize the amount paid by the customers for the carry bags exclusively for the sustainability of the waste management system within their jurisdictions.

16. State Level Monitoring Committee.-

(1) The State Government or the Union territory Administration shall, for the purposes of effective monitoring of implementation of these rules, constitute a State Level Monitoring Committee, consisting of the persons as per the following table, namely:— (31.03.2026)

(1)	(2)	(3)
a)	Chief Secretary of State Government or Head of Union territory Administration	Chairman
b)	Additional Chief Secretary or Principal Secretary or Secretary in charge of the Department of the State Government or Union territory Administration responsible for municipal administration or his nominee	Member
c)	Additional Chief Secretary or Principal Secretary or Secretary in charge of the Department of the State Government or Union territory Administration responsible for Panchayati Raj Institutions or his nominee	Member
d)	Additional Chief Secretary or Principal Secretary or Secretary in charge of the Department of the State Government or Union territory Administration responsible for Urban Development or his nominee	Member
e)	Additional Chief Secretary or Principal Secretary or Secretary in charge of the Department of the State Government or Union territory Administration responsible for Rural Development or his nominee	Member
f)	Additional Chief Secretary or Principal Secretary or Secretary in charge of the Department of the State Government or Union territory Administration responsible for Environment or his nominee	Member
g)	Member Secretary of the State Pollution Control Board or Pollution Control Committee	Member
h)	Municipal Commissioners of cities having a population of one million or more	Member
i)	One Municipal Commissioner from cities other than cities having a population of one million or more	Member

j)	One Chief Executive Officer of the District Level Panchayats	Member
k)	One expert from a Non-Governmental Organisation involved in Waste management to be nominated by the State Government or Union territory Administration	Member
l)	One representative of an industry association to be nominated by the State Government or Union territory Administration	Member
m)	One expert from the field of Industry to be nominated by the State Government or Union territory Administration	Member
n)	One expert from academia to be nominated by the State Government or Union territory Administration	Member
o)	Director in charge, Department of the State Government or a Union territory administration responsible for Panchayati Raj Institutions	Member
p)	Director in charge, Department of the State Government or a Union territory administration responsible for municipal administration	Member Secretary

(3) The State Level Advisory Body shall meet at least once in Six Month and may invite experts and other Government officials including district level officials if it considers necessary.(31.03.2026)

17. Annual reports.-

(1) Every person engaged in recycling or processing of plastic waste shall prepare and submit online an annual report in Form-IV to the local body concerned and also to the concerned State Pollution Control Board or Pollution Control Committee by the 30th April, of every year. (14.03.2024)

(2) Every manufacturer and importer of plastic raw material shall prepare and submit online a quarterly report in Form-VII to the State Pollution Control Board or Pollution Control Committee concerned by the last day of month following the quarter and an annual report by 30th June of every year. (14.03.2024)

(3) Each person engaged in the sale of plastic raw material or an intermediate material used for manufacture of plastic packaging shall prepare and submit online an annual report mentioning therein the detail of transaction to the State Pollution Control Board or Pollution Control Committee concerned by 30th June, of every year. (14.03.2024)

(4) Every local body and Panchayat at District level shall prepare and submit online annual report in Form-V to the Urban Development Department and to Rural Development Department, respectively, and also to the State Pollution Control Board or Pollution Control Committee concerned by the 30th June of every year. (14.03.2024)

(5) The State Pollution Control Board or Pollution Control Committee concerned shall cause the report submitted by the urban local body Panchayat at District level to be audited by itself or through a designated agency or Registered Environment Auditor and copy of the report of such audit and the annual report shall be made available on website of the

State Pollution Control Board or Pollution Control Committee concerned. (14.03.2024) (31.03.2026)

(6) The State Pollution Control Board or Pollution Control Committee shall prepare and submit online an annual report on Form –VI to the Central Pollution Control Board on the implementation of these rules by the 31st July of every year. (14.03.2024)

(7) The Central Pollution Control Board shall prepare a consolidated annual report on the implementation of these rules and submit to the Central Government along with its recommendations on or before the 31st August of every year. (14.03.2024)

18. Imposition of Environmental Compensation:-

The Environmental Compensation shall be levied based upon polluter pays principle, on person(s) who are complying with the provisions of these rules, as per guidelines notified by the Central Pollution Control Board. (06.07.2022)

1. The Environmental Compensation shall be levied based upon polluter pays principle, on person(s) not adhering to the provisions of these rules, for the purpose of protecting and improving the quality of the environment and preventing, controlling and abating environment pollution.

2. CPCB shall lay down guidelines for imposition and collection of environment compensation and the same shall be notified. The Guidelines for Environmental Compensation shall be updated, as required

SCHEDULE-I (06.07.2022)

[See rule 10]

1	IS / ISO 14851: 2019 Determination of the ultimate aerobic biodegradability of plastic materials in an aqueous medium- Method by measuring the oxygen demand in a closed Respirometer (First Revision)
2	IS / ISO 14852: 1999 Determination of the ultimate aerobic biodegradability of plastic materials in an aqueous medium-Method by analysis of evolved carbon dioxide
3	IS / ISO 14853: 2016 Plastics- Determination of the ultimate anaerobic biodegradation of plastic materials in an aqueous system-Method by measurement of biogas production
4	IS /ISO 14855-1: 2012 Determination of the ultimate aerobic biodegradability of plastic materials under controlled composting conditions-Method by analysis of evolved carbon dioxide: Part-1 General method
5	IS / ISO 14855-2: 2018 Determination of the ultimate aerobic biodegradability of plastic materials under controlled composting conditions-Method by analysis of evolved carbon dioxide Part-2: Gravimetric measurement of carbon dioxide evolved in a laboratory- scale test.
6	IS / ISO 15985: 2014 Plastics- Determination of the ultimate anaerobic biodegradation and disintegration under high-solids anaerobic digestion conditions- Methods by analysis of released biogas.
7	IS /ISO 16929: 2019 Plastics- Determination of degree of disintegration of plastic materials under defined composting conditions in a pilot - scale test
8	IS / ISO 17556: 2019 Plastics- Determination of ultimate aerobic biodegradability in soil by measuring the oxygen demand in a Respirometer or the amount of carbon dioxide evolved
9	IS / ISO 20200:2015 Plastics- Determination of degree of disintegration of plastic materials under simulated composting conditions in a laboratory - scale test

SCHEDULE-II

[See Rule 9 (1)]

Guidelines on Extended Producer Responsibility for Plastic Packaging and commodities made from compostable plastics and biodegradable plastics (14.03.2024)

1. **Background:**

(1.1) The Ministry of Environment, Forest and Climate Change (MoEFCC), (hereinafter referred to as ‗The Ministry‘), notified the Plastic Waste Management Rules, 2016 on 18th March, 2016. The Ministry also notified the Solid Waste Management Rules, 2016 on 8th April, 2016. As plastic waste is part of solid waste, therefore, both the rules apply to managing plastic waste in the country.

(1.2) The Plastic Waste Management Rules, 2016, mandate the generators of plastic waste to take steps to minimize generation of plastic waste, not to litter the plastic waste, ensure segregated storage of waste at source and hand over segregated waste in accordance with rules. The rules also mandate the responsibilities of local bodies, gram panchayats, waste generators, retailers and street vendors to manage plastic waste. (1.3) The Plastic Waste Management Rules, 2016 cast Extended Producer Responsibility on Producer, Importer, and Brand Owner. Extended Producer Responsibility shall be applicable to both pre-consumer and post-consumer plastic packaging waste. (1.4). These guidelines provides framework for implementation of Extended Producer Responsibility. The Guidelines provide the roles and responsibilities of Producers, Importers, Brand Owners, Central Pollution Control Board, State Pollution Control Board or Pollution Control Committees, recyclers and waste processors for effective implementation of Extended Producer Responsibility. The definitions given in Plastic Waste Management Rules, 2016, apply until, specifically mentioned in these guidelines;

2. Date of Coming into Effect:

These guidelines shall come into force with immediate effect. The on-going processes related to Extended Producer Responsibility obligations will be aligned with these guidelines.

3. Definitions:

(a) **Biodegradable plastics** means that plastics, other than compostable plastics, which undergoes complete degradation by biological processes under ambient environment (terrestrial or in water) conditions, in specified time periods, without leaving any micro plastics, or visible, distinguishable or toxic residue, which have adverse environment impacts, adhering to laid down standards of Bureau of Indian Standards and certified by Central Pollution Control Board.

(b) **"Brand Owner"** means a person or company who sells any commodity under a registered brand label or trade mark;

(c) **–Carry Bags"** (covered under Category II of plastic packaging – Clause (5.1) (II)) means bags made from plastic material or compostable plastic material, used for the purpose of carrying or dispensing commodities which have a self-carrying feature but do not include bags that constitute or form an integral part of the packaging in which goods are sealed prior to use;

(d) **–End of Life disposal‖** means using plastic waste for generation of energy and includes co-processing (e.g. in cement kilns) or waste to oil or for road construction as per Indian Road Congress guidelines, etc;

(e) **Extended Producer Responsibility‖** means the responsibility of a producer for the environmentally sound management of the product until the end of its life;

(f) **–Importer‖** means a person who imports plastic packaging product or products with plastic packaging or carry bags or multilayered packaging or plastic sheets or like;

(g) **–Plastic‖** means material which contains as an essential ingredient a high polymer such as polyethylene terephthalate, high density polyethylene, Vinyl, low density polyethylene, polypropylene, polystyrene resins, multi- materials like acrylonitrile butadiene styrene, polyphenylene oxide, polycarbonate, polybutylene terephthalate;

(h) **–Plastic Packaging‖** means packaging material made by using plastics for protecting, preserving, storing and transporting of products in a variety of ways.

(i) **–Plastic Sheet‖** means plastic sheet is the sheet made of plastic;

(j) **–Plastic Waste Processors‖** means recyclers and entities engaged in using plastic waste for energy (waste to energy), and converting it to oil (waste to oil), industrial composting.

(k) **–Pre-consumer plastic packaging waste‖** means plastic packaging waste generated in the form of reject or discard at the stage of manufacturing of plastic packaging and plastic packaging waste generated during the packaging of product including reject, discard, before the plastic packaging reaches the end-use consumer of the product.

(l) **–Post-consumer plastic packaging waste"** means plastic packaging waste generated by the end-use consumer after the intended use of packaging is completed and is no longer being used for its intended purpose.

(m) **–Producer‖** means person engaged in manufacture or import of carry bags or multilayered packaging or plastic sheets or like, and includes industries or individuals using plastic sheets or like or covers made of plastic sheets or multilayered packaging for packaging or wrapping the commodity;

(n) **–Recyclers‖** are entities who are engaged in the process of recycling of plastic waste;

(o) "**Recycling**" means the process of transforming segregated plastic waste into a new product or raw material for producing new products;

(p) **–Reuse‖** means using an object or resource material again for either the same purpose or another purpose without changing the object's structure;

(q) **–Use of recycled plastic‖** means recycled plastic, instead of virgin plastic, is used as raw material in the manufacturing process;

(r) **–Waste Management‖** means the collection, storage, transportation reduction, re-use, recovery, recycling, composting or disposal of plastic waste in an environmentally sound manner;

(s) **–Waste to Energy‖** means using plastic waste for generation of energy and includes co-processing (e.g. in cement kilns).

4. Obligated Entities: (14.03.2024)

The following entities shall be covered under the Extended Producer Responsibility obligations namely: -

a) Producer of plastic packaging, other than micro and small enterprises as defined under the Micro, Small and Medium Enterprises Development Act, 2006 (27 of 2006).

b) Importer of plastic packaging including intermediate material used for manufacturing plastic packaging such as films and preforms and plastic packaging of imported products;

c) Brand Owners including online platforms/marketplaces and supermarkets/retail chains other than micro and small enterprises as defined under the Micro, Small and Medium Enterprises Development Act, 2006 (27 of 2006);

d) Plastic Waste Processors;

e) Manufacturers and importers of plastic raw material;

f) Manufacturers of items made from compostable plastics or biodegradable plastics.

5. Coverage of Extended Producer Responsibility:

(5.1) The following plastic packaging categories are covered under Extended Producer Responsibility:

(i)**Category I**

Rigid plastic packaging;

(ii) **Category II**

Flexible plastic packaging of single layer or multilayer (more than one layer with different types of plastic), plastic sheets or like and covers made of plastic sheet, carry bags, plastic sachet or pouches;

(iii) **Category III**

Multilayered plastic packaging (at least one layer of plastic and at least one layer of material other than plastic);

(iv) **Category IV**

Plastic sheet or like used for packaging as well as carry bags and commodities made of compostable plastics. (14.03.2024)

(v) Category V (14.03.2024)

Plastic sheet or like used for packaging as well as carry bags and commodities made of biodegradable plastics.

(5.2) The Extended Producer Responsibility Guidelines covers the following with respect to plastic packaging namely: -

(i) Reuse;

(ii) Recycling;

(iii) Use of recycled plastic content;

(iv) End of life disposal.

6. Registration:

(6.1) (a) The following entities shall register on the centralized portal developed by Central Pollution Control Board namely: - (14.03.2024)

(i) Producer (P) including micro and small enterprises as defined under the Micro, Small and Medium Enterprises Development Act, 2006 (27 of 2006)

(ii) Importer (I);

(iii) Brand owner (BO);

(iv) Plastic Waste Processor engaged in (a) recycling, (b) waste to energy, (c) waste to oil, and

(iv) industrial composting,

(v) Manufacturers and importers of plastic raw materials

(vi) Manufacturers of items made from compostable plastics or biodegradable plastics.

(b) Registration of Producers, Importers & Brand-Owners (operating in one or two states) and Plastic Waste processors shall be done by State Pollution Control Board or Pollution Control Committee through the centralized Extended Producer Responsibility portal developed by Central Pollution Control Board.

(c) After these guidelines have come into effect, with respect to, entities starting their business in a particular year and placing their products in market in that year, they shall have Extended Producer Responsibility target obligations from the next year.

(6.2) The entities covered under clause 6.1 shall not carry any business without registration obtained through on- line centralized portal developed by Central Pollution Control Board.

(6.3)The entities covered under clause (6.1) shall not deal with any entity not registered through on-line centralized portal developed by Central Pollution Control Board.

(6.4) In case, it is found or determined that any entity registered on the on-line portal has provided false information or has willfully concealed information or there is any irregularity or deviation from the conditions stipulated while obtaining registration under Extended Producer Responsibility guidelines, then the registration of such an entity would be revoked for a one -year period after giving an opportunity to be heard. The entities whose registration has been revoked shall not be able to register afresh for the period of revocation.

(6.5) In case any entity falls in more than one sub-category mentioned in the clause (6.1) then the entity shall register under each of those sub-categories separately. Further, in cases, where the entity has units in different states, in a particular sub-category mentioned in clause 6.1, then these units shall also be registered separately. However, only one registration under a sub category in a state would be needed, even if, more than one unit are located in a state. The registration shall be as per Standard Operating Procedure laid down by Central Pollution Control Board for the purpose, as per these Guidelines.

(6.6) While registering, the entities shall have to provide PAN Number, GST Number, CIN Number of the company and Aadhar Number and PAN Number of authorized person or representative and any other necessary information as required.

7. Targets for Extended Producer Responsibility and obligations of Producers, Importers & Brand-Owners:

(7.1) The Extended Producer Responsibility targets for the Producers, Importers & Brand-Owners shall be determined category-wise.

(7.2) Producer (P):

(a) Extended Producer Responsibility target (Refer example 1 to 3 in Annexure):

Eligible Quantity in MT (Q 1) shall be the average weight of plastic packaging material (category-wise) sold in the last two financial years (A) plus average quantity of pre-consumer plastic packaging waste in the last two financial years (B) minus the annual quantity (C) supplied to the entities covered under sub-clause 4 (c) in the previous financial year as under: - (31.03.2026)

Q 1 (in MT) = (A + B) - and the Extended Producer Responsibility target shall be determined category-wise, as given below

Extended Producer Responsibility target

	Year	Extended Producer Responsibility target (as a percentage of Q1 - category-wise)
I	**2021 - 22**	**25 %**
II	**2022 - 23**	**70 %**
III	**2023 - 24**	**100 %**

The Extended Producer Responsibility target in MT category-wise, as applicable, shall be provided by Producer, as part of Action Plan on the centralized portal developed by Central Pollution Control Board.

(b) Obligation for recycling (Refer example 1 to 3 in Annexure):

The Producer shall ensure minimum level of recycling (excluding end of life disposal) of plastic packaging waste collected under Extended Producer Responsibility Target, category-wise, as given below namely: -

Minimum level of recycling (excluding end of life disposal) of plastic packaging waste (% of Extended Producer Responsibility Target)

Plastic packaging category	**2024-25**	**2025-26**	**2026-27**	**2027-28 and onwards**
Category I	**50**	**60**	**70**	**80**
Category II	**30**	**40**	**50**	**60**
Category III	**30**	**40**	**50**	**60**
Category IV	**50**	**60**	**70**	**80**

In case of Category IV plastic packaging category (plastic sheet or like used for packaging and carry bags made of compostable plastics), the minimum level of recycling means processing plastic packaging waste for composting through industrial composting facilities.

(c) End of life disposal (refer examples 1 to 3 in Annexure):

(i) Only those plastics, which cannot be recycled will be sent for end of life disposal such as road construction, waste to energy, waste to oil, cement kilns (for co processing) etc. as per relevant guidelines issued by Indian Road Congress or Central Pollution Control Board from time to time.

(ii) The producers shall ensure end of life disposal of the plastic packaging waste only through methodologies specified in Rule 5 (1) (b) of Plastic Waste Management Rules, 2016,

(d) Obligation for use of recycled plastic content (Refer example 6 in Annexure) **(31.03.2026)**

i) The producer shall ensure use of recycled plastic in plastic packaging category-wise as per the table given below, namely: —:

TABLE

Mandatory use of recycled plastic in plastic packaging
(% of plastic manufactured for the year)

Plastic packaging category	2025-26	2026-27	2027-28	2028-29 onwards
(1)	(2)	(3)	(4)	(5)
Category I	30	40	50	60
Category II	10	10	20	20
Category III	5	5	10	10

The targets for mandatory use of recycled plastic in plastic packaging category-wise, as given above, shall not be applicable in cases, where use of recycled plastic in plastic packaging is not permitted, under a law or regulation or rule notified by Central Government or by statutory bodies such as Food Safety and Standards Authority of India, Central Drugs Standard Control Organisation, or the Central Insecticide Board or any mandatory Indian standard, in force, or any other statutory requirement specified by the Central Government: Provided that while claiming exemption under this provision the producer, importer or brand owner shall submit the applicable law or regulation or rule or a mandatory Indian standard in their annual returns on the centralised online portal.

Note: 1. Statutory requirement shall mean a law or regulation or rule or a mandatory Indian Standard, in force, where use of recycled plastic content is not permitted. 2. Guideline for audit and verification for use of recycled content in plastic packaging shall be prescribed by the Central Pollution Control Board within a period of six months from the date of notification of these rules. 3. The target for use of recycled plastic content, in case of multi-layered plastic packaging (Category III), shall be limited to the weight of plastic layers present in the multi-layered plastic packaging (Category III).

(ii) The producer is permitted to carry forward the unfulfilled target for mandatory use of recycled plastic content in plastic packaging used in food contact applications for the year 2025-26, for a period of up to three consecutive years starting from 2026-27 over and above the target mandated for those

years, while ensuring that a minimum of one third of the unfulfilled carried forward target is fulfilled in each year of that said period, till the complete carried forward unfulfilled target is fulfilled

7.3 Importer (I):

(a) Extended Producer Responsibility Target (Refer example 1 to 3 in Annexure)

Eligible Quantity in MT (Q 2) shall be the average weight of all plastic packaging material and / or plastic packaging of imported products (category-wise) imported and sold in the last two financial years (A) plus average quantity of pre-consumer plastic packaging in the last two financial years (B) waste minus the annual quantity (C) supplied to the entities covered under sub-clause 4 (c) in the previous financial years as under: -

Q 2 (in MT) = (A + B) – C and the Extended Producer Responsibility target shall be determined, category-wise, as given below namely: -

	Year	Extended Producer Responsibility target (as a percentage of Q 2 - category-wise)
I	**2021 - 22**	**25 %**
II	**2022 - 23**	**70 %**
III	**2023 - 24**	**100 %**

The Extended Producer Responsibility target in MT category-wise, as applicable, shall be provided by Importer as part of Action Plan on the centralized portal developed by Central Pollution Control Board.

(b) Obligation for recycling (Refer example 1 to 3 in Annexure)

The Importer shall ensure minimum level of recycling (excluding end of life disposal) of plastic packaging waste collected under extended producer responsibility Target, category-wise, as given below.

Minimum level of recycling (excluding end of life disposal) of plastic packaging waste

(% of extended producer responsibility Target)

Plastic packaging category	**2024-25**	**2025-26**	**2026-27**	**2027-28 and onwards**
Category I	**50**	**60**	**70**	**80**
Category II	**30**	**40**	**50**	**60**
Category III	**30**	**40**	**50**	**60**
Category IV	**50**	**60**	**70**	**80**

In case of Category IV plastic packaging category (plastic sheet or like used for packaging and carry bags made of compostable plastics), the minimum level of recycling means processing plastic packaging waste for composting through industrial composting facilities.

(c) End of life disposal (refer examples 1 to 3 in Annexure)

(i) Only those plastics, which cannot be recycled will be sent for end of life disposal such as road construction, waste to energy, waste to oil as per relevant guidelines issued by Indian Road Congress or Central Pollution Control Board from time to time.

(ii) The importer shall ensure end of life disposal of the plastic packaging waste only through methodologies specified in rule 5 (1) (b) of Plastic Waste Management Rules, 2016, as amended.

(d) Obligation for use of recycled plastic content (Refer example 6 in Annexure) **(31.03.2026)**

i) The Importer shall ensure use of recycled plastic in plastic packaging category-wise as per the table given below, namely: —

TABLE
Mandatory use of recycled plastic in plastic packaging
(% of imported plastic for the year)

Plastic packaging category	2025-26	2026-27	2027-28	2028-29 onwards
(1)	(2)	(3)	(4)	(5)
Category I	30	40	50	60
Category II	10	10	20	20
Category III	5	5	10	10

I. Any recycled plastic used in imported material shall not be counted towards fulfilment of obligation. The importer shall fulfil its obligation of use of recycled content (in quantitative terms) through purchase of certificate of equivalent quantity from such Producers, Importers, and Brand Owners who have used recycled content in excess of their obligation. Central Pollution Control Board will develop mechanism for such exchange on the centralised online portal.

II. The targets for mandatory use of recycled plastic in plastic packaging category-wise, as given above, shall not be applicable in cases, where use of recycled plastic in plastic packaging is not permitted, under a law or regulation or rule notified by Central Government or by statutory bodies such as Food Safety and Standards Authority of India, Central Drugs Standard Control Organisation, or the Central Insecticide Board or any mandatory Indian standard, in force, or any other statutory requirement specified by the Central Government:

Provided that while claiming exemption under this provision the producer, importer or brand owner shall submit the applicable law or regulation or rule or a mandatory Indian standard in their annual returns on the centralised online portal.

Note: 1. Statutory requirement shall mean a law or regulation or rule or a mandatory Indian Standard, in force, where use of recycled plastic content is not permitted. 2. Guideline for audit and verification for use of recycled content in plastic packaging shall be prescribed by the Central Pollution Control Board within a period of six months from the date of notification of these rules. 3. The target for use of recycled plastic content, in case of multi-layered plastic packaging (Category III), shall be limited to the weight of plastic layers present in the multi-layered plastic packaging (Category III).

(ii) The importer is permitted to carry forward the unfulfilled target for mandatory use of recycled plastic content in plastic packaging used in food contact applications for the year 2025-26, for a period of up to three consecutive years starting from 2026-27 over and above the target mandated for those years, while ensuring that a minimum of one third of the unfulfilled carried forward target is fulfilled in each year of that said period, till the complete carried forward unfulfilled target is fulfilled.

7.4 Brand Owner (BO):

a) Extended Producer Responsibility target (refer examples 1 to 3 in Annexure)

Eligible Quantity in MT (Q 3) shall be the average weight of virgin plastic packaging material (category-wise) purchased and introduced in market in the last two financial years (A) plus average quantity of (B) of pre-consumer plastic packaging in the last two financial years as under: -

$$Q\ 3\ (\text{in MT}) = A + B$$

The Extended Producer Responsibility target shall be determined, category-wise, as given below namely: -

	Year	Extended Producer Responsibility Target (as a percentage of Q3 - category-wise)
I	**2021 - 22**	**25 %**
II	**2022 - 23**	**70 %**
III	**2023 - 24**	**100 %**

The Extended Producer Responsibility target in MT category-wise, as applicable, shall be provided by Brand Owner as part of the Action Plan on the centralized portal developed by Central Pollution Control Board.

(b) Obligation for reuse (refer examples 4 and 5 in Annexure):

I. The Brand Owners using Category I (rigid) plastic packaging for their products shall have minimum obligation to reuse such packaging as per the table given below: (31.03.2026)

Provided that the above target provided in table shall not be applicable in cases where reuse of Category I rigid plastic packaging is not permitted under a law or regulation or rule notified by the Central Government or by statutory bodies, such as Food Safety and Standards Authority of India, Central Drugs

Standard Control Organisation, or the Central Insecticide Board or mandatory Indian standard, in force, or any other statutory requirement specified by the Central Government:

Provided further that while claiming exemption under this provision the brand owner shall provide the applicable notification or statutory order or rules or regulation or a mandatory Indian standard in their annual returns on the centralised online portal.

Note: 1. Statutory requirement shall mean a law or regulation or rule or a mandatory Indian Standard in force, where reuse of Category I rigid plastic packaging is not permitted.”; (B) for sub-clause (II), the following sub-clause shall be substituted, namely: — “(II) Minimum obligation to reuse for Category I (rigid plastic packaging).

TABLE

Sr. No	Year	Target (as percentage of Category I rigid plastic packaging in products sold annually)
(1)	(2)	(3)
A.	Category I rigid plastic packaging with volume or weight equal or more than 0.9 litre or kg but less than 4.9 litres or kg, as the case may be	
1.	2025-26	10
2.	2026-27	15
3.	207-28	20
4.	2028-29 and onwards	25
B.	Category I rigid plastic packaging with volume of weight equal or more than 4.9 litres or kg used for packaging of drinking water.	
1.	2025-26	70
2.	2026-27	75
3.	207-28	80
4.	2028-29 and onwards	85
C.	Category I rigid plastic packaging with volume of weight equal or more than 4.9 litres or kg used for packaging of products other than drinking water	
1.	2025-26	10
2.	2026-27	10
3.	207-28	15
4.	2028-29 and onwards	15

The brand owner is permitted to carry forward the unfulfilled target of minimum obligation to reuse for Category I (rigid plastic packaging), for the year 2025-26, for a period of up to three consecutive years starting from 2026-27 over and above the target mandated for those years while

ensuring that a minimum of one third of the unfulfilled carried forward target is fulfilled in each year of that said period, till the complete carried forward unfulfilled target is fulfilled:

Provided that responsibility for ensuring product quality and authenticity of products being packaged and implementation of mandatory Indian Standards or mandatory regulations shall lie with the concerned Brand owner

(II) Minimum obligation to reuse for Category I (rigid plastic packaging).

	Year	Target (as percentage of Category I rigid plastic packaging in products sold annually)
A	Category I rigid plastic packaging with volume or weight equal or more than 0.9 liter or kg but less than 4.9 litres or kg, as the case may be	
I	2025 – 26	10
II	2026 – 27	15
III	2027-28	20
IV	2028-29 and onwards	25
B	Category I rigid plastic packaging with volume of weight equal or more than 4.9 litres or kg.	
I	2025 – 26	70
II	2026 – 27	75
III	2027-28	80
IV	2028-29 and onwards	85

(III) The Brand Owner shall furnish information on the total sales, use of virgin plastic content and recycled plastic content in the rigid plastic packaging in their annual return, on the centralised portal developed by the Central Pollution Control Board.(31.03.2026)

(IV) The quantity of Category I rigid plastic packaging reused shall be reduced from the total plastic packaging used under Category I by the obligated entities (Brand Owners).

III. The quantity of Category I rigid plastic packaging reused during the year 2022 – 2023 and 2023-2024, shall be reduced from the total plastic packaging used under Category I.

(c) Obligation for recycling (refer examples 1 to 3 in Annexure):

The Brand Owner shall ensure minimum level of recycling (excluding end of life disposal) of plastic packaging waste collected under Extended Producer Responsibility target, category-wise, as given below.

Minimum level of recycling (excluding end of life disposal) of plastic packaging waste

(% of Extended Producer Responsibility Target)

Plastic packaging	2024-25	2025-26	2026-27	2027-28 and
Category I	**50**	**60**	**70**	**80**
Category II	**30**	**40**	**50**	**60**
Category III	**30**	**40**	**50**	**60**
Category IV	**50**	**60**	**70**	**80**

In case of Category IV plastic packaging category (plastic sheet or like used for packaging and carry bags made of compostable plastics), the minimum level of recycling means processing plastic packaging waste for composting through industrial composting facilities.

(d) End of life disposal (refer examples 1 to 3 in Annexure)

(i) Only those plastics, which cannot be recycled will be sent for end of life disposal such as road construction, waste to energy, waste to oil, as per relevant guidelines issued by Indian Road Congress or Central Pollution Control Board from time to time.

(ii) The Brand Owner shall ensure end of life disposal of the plastic packaging waste only through methodologies specified in rule 5 (1) (b) of the Plastic Waste Management Rules, 2016, as amended.

(e) Obligation for use of recycled plastic content (refer examples 6 in Annexure) (31.03.2026)

(i) The Brand Owner shall ensure use of recycled plastic in plastic packaging, category-wise, as per the table given below namely:

TABLE
Mandatory use of recycled plastic in plastic packaging
(% of manufactured plastic for the year)

Plastic packaging category	2025-26	2026-27	2027-28	2028-29 onwards
(1)	(2)	(3)	(4)	(5)
Category I	30	40	50	60
Category II	10	10	20	20
Category III	5	5	10	10

The targets for mandatory use of recycled plastic in plastic packaging category-wise, as given above, shall not be applicable in cases, where use of recycled plastic in plastic packaging is not permitted, under a law or regulation or rule notified by Central Government or by statutory bodies such as Food Safety and Standards Authority of India, Central Drugs Standard Control Organisation, or the Central Insecticide Board or any mandatory Indian standard, in force, or any other statutory requirement specified by the Central Government:

Provided that while claiming exemption under this provision the producer, importer or brand owner shall submit the relevant law or regulation or rule or a mandatory Indian standard in their annual returns on the centralised online portal.

Note:

1. Statutory requirement shall mean a law or regulation or rule or a mandatory Indian Standard, in force, where use of recycled plastic content is not permitted.

2. Guideline for audit and verification for use of recycled content in plastic packaging shall be prescribed by the Central Pollution Control Board within a period of six months from the date of notification of these rules.

3. The target for use of recycled plastic content, in case of multi-layered plastic packaging (Category III), shall be limited to the weight of plastic layers present in the multi-layered plastic packaging (Category III).

(ii) The brand owner is permitted to carry forward the unfulfilled target for mandatory use of recycled plastic content in plastic packaging used in food contact applications for the year 2025-26, for a period of up to three consecutive years starting from 2026-27 over and above the target mandated for those years, while ensuring that a minimum of one third of the unfulfilled carried forward target is fulfilled in each year of that said period, till the complete carried forward unfulfilled target is fulfilled

(iii) In case, where Brand Owner is also Producer and/or Importer of plastic packaging material, the clause 7.2 and 7.3 shall also apply for determining their Extended Producer Responsibility targets and obligations as Producer and /or Importer, respectively.

(7.5) The Extended Producer Responsibility target in MT category-wise, as applicable, shall be provided by all Producers, Importers & Brand-Owners as part of Action Plan on the centralized portal developed by Central Pollution Control Board.

(7.6) The obligations for reuse, recycling of waste and use of recycled plastic content in packaging shall be reviewed every five years based upon available technologies for meeting the Targets specified.

(7.7) Extended Producer Responsibility on plastic packaging will promote sustainable packaging, as per guidelines prepared by Central Pollution Control Board, inter alia based on the following criteria,

(i) package designing promoting reuse;

(ii) package designing amenable for recycling;
(iii) recycled plastic content in plastic packaging material and; (iv) package designing for environment.

(7.8) Manufacturer or importer of plastic raw material - Extended Producer Responsibility Target: (14.03.2024)

(i) The extended producer responsibility of producers, which are micro and small enterprises as defined under the Micro, Small and Medium Enterprises Development Act, 2006 (27 of 2006), hereinafter referred to as micro and small producers, shall be fulfilled by manufacturer or importer of plastic raw material who has supplied the plastic raw material to such micro and small producers:

Provided that the target for use of recycled plastic content shall be fulfilled by such producers.

(ii) The Extended Producer Responsibility target category-wise for manufacturer or importer of plastic raw material shall be the quantity of plastic raw material sold to micro and small producers where the sale invoice is authenticated by the manufacturer or importer of plastic raw material, on the centralized online portal, excluding the sale made by such micro and small producers to Brand Owners and Producers, which are not categorized as micro and small enterprises as defined under the Micro, Small and Medium Enterprises Development Act, 2006 (27 of 2006).

(iii) The producer, which is a micro or small enterprise, shall declare category of plastic packaging manufactured by it on the centralized online portal.

(iv) While fulfilling the Extended Producer Responsibility target the manufacturer or importer of plastic raw material shall ensure minimum level of recycling (excluding end of life disposal) of plastic packaging waste collected under the Extended Producer Responsibility Target, category-wise, as given in the Table below, namely: -

TABLE (14.03.2024)

Minimum level of recycling (excluding end of life disposal) of plastic packaging waste (% of Extended Producer Responsibility Target)

Plastic packaging category	2024-25	2025-26	2026-27	2027-28 and onwards
(1)	(2)	(3)	(4)	(5)
Category I	50	60	70	80
Category II	30	40	50	60
Category III	30	40	50	60

8. Generation of surplus Extended Producer Responsibility certificates, carry forward and offsetting against previous year Extended Producer Responsibility targets and obligations, and sale and purchase of surplus Extended Producer Responsibility certificates:

(8.1) A Brand Owner who has fulfilled their Extended Producer Responsibility targets, category-wise, can use the surplus for the following namely: -

(i) Off setting previous year shortfall subject to clause 9.5;

(ii) Carry forward for use in succeeding year;

(iii) Sell it to other Producers, Importers & Brand-Owners.

(8.2) Surplus in one category can only be used for off-setting, carry forward and sale in the same category. A surplus under reuse can be used for against reuse, recycling and also end of life disposal. A surplus under recycling can be used for recycling and end of life disposal. A surplus under end of life disposal cannot be used for reuse or recycle.

(8.3 Producers, Importers & Brand-Owners can also meet their Extended Producer Responsibility obligations under a category by purchasing surplus Extended Producer Responsibility certificates from other Producers, Importers & Brand-Owners of the same category.

(8.4) Such transactions shall be recorded and submitted by the Producers, Importers & Brand-Owners on the online portal while filing annual returns under the Extended Producer Responsibility framework. Central Pollution Control Board will develop mechanism for such exchange on the centralized portal.

(8.5) The Central Pollution Control Board shall issue guidelines for authorisation of agencies for establishment of electronic platform for trade of Extended Producer Responsibility certificates between obligated entities. (14.03.2024)

(8.6)The number of electronic platform may be restricted keeping in view volume of trade of Extended Producer Responsibility certificates. (14.03.2024)

(8.7)The operation of electronic platform shall be as per guidelines issued by Central Pollution Control Board after approval of the Central Government. (14.03.2024)

(8.8) The Central Pollution Control Board shall fix the highest and the lowest price for extended producer responsibility certificates which shall be equal to 100 % and 30 % ,respectively, of the Environment Compensation leviable on the obligated entities for non-fulfilment of Extended Producer Responsibility obligations, under rule 18 of these rules. (14.03.2024)

(8.9)The exchange price of Extended Producer Responsibility certificate between registered entities through the portal shall be between the highest and the lowest prices as fixed above. (14.03.2024)

9. Imposition of Environmental Compensation

(9.1) Environmental Compensation shall be levied based upon polluter pays principle, with respect to non- fulfilment of Extended Producer Responsibility targets by Producers, Importers &

Brand Owners, for the purpose of protecting and improving the quality of the environment and preventing, controlling and abating environment pollution .

(9.2) Central Pollution Control Board shall lay down guidelines for imposition and collection of environment compensation on Producers, Importers & Brand-Owners, recyclers and end of life processors, in case of non- fulfilment of obligations set out in these guidelines, and the same shall be notified. The Guidelines for Environmental Compensation shall be updated, as required.

(9.3) The Environment Compensation, as applicable, shall be levied by Central Pollution Control Board on the Producers, Importers & Brand-Owners operating in more than two states with respect to non-fulfillment of their Extended Producer Responsibility targets, responsibilities and obligations in these guidelines.

(9.4) The Environment Compensation, as applicable, shall be levied by respective State Pollution Control Board on the Producers, Importers & Brand-Owners operating in their jurisdiction (for Producers, Importers & Brand-Owners not operating in more than two states/Union Territory‘s), Plastic Waste Processors which includes recyclers and other waste processors – waste to energy, waste to oil, co-processors, with respect to non-fulfillment of their Extended Producer Responsibility targets or responsibilities and obligations set out under these guidelines. In case, the State Pollution Control Board or Pollution Control Committee does not take action in reasonable time, the Central Pollution Control Board shall issue directions to the State Pollution Control Board /Pollution Control Committee.

(9.5) Payment of environmental compensation shall not absolve the Producers, Importers & Brand-Owners of the obligations set out in these guidelines. The unfulfilled Extended Producer Responsibility obligations for a particular year will be carried forward to the next year for a period of three years. In case, the shortfall of Extended Producer Responsibility obligation is addressed within three years. The

environmental compensation levied shall be returned to the Producers, Importers & Brand-Owners as given below, namely

(i) Within one year of levying of EC: 75% return;

(ii) Within two years 60% return;

(iii) Within three years 40% return,

After completion of three years on environmental compensation getting due the entire environmental compensation amount shall be forfeited. This arrangement shall allow for collection and recycling of plastic packaging waste by Producers, Importers & Brand-Owners in later years as well.

(9.6) The funds collected under environmental compensation shall be kept in a separate Escrow account by Central Pollution Control Board or State Pollution Control Board or Pollution Control Committee. The funds collected shall be utilized in collection, recycling and end of life disposal of uncollected and non-recycled or non- end of life disposal of plastic packaging waste, on which the environmental compensation is levied. Modalities for utilization of the funds for plastic waste management on an annual basis would be recommended by the Committee for Extended Producer Responsibility implementation and approved by the Competent Authority in the Ministry.

10. Role of Producers, Importers, Brand-Owners and manufacturers, and manufacturers of commodities made from compostable plastic or biodegradable plastic. (14.03.2024)

(10.1) The Producers, Importers & Brand-Owners shall have to register through the online centralized portal developed by Central Pollution Control Board. The certificate of registration shall be issued using the portal. (14.03.2024)

(10.2) Producers, Importers & Brand-Owners shall provide Action Plan containing information on the Extended Producer Responsibility Target, category-wise, where applicable, through the online centralized portal developed by Central Pollution Control Board, along with application for registration or renewal of registration under Plastic Waste Management Rules, 2016. The Action Plan shall cover tenure of the Registration as per the provisions of Plastic Waste Management Rules, 2016. The standard operating procedure for registration and the action plan pro forma shall be developed by Central Pollution Control Board as per these guidelines.

(10.3) Brand Owner covered under clause 4 (iii) shall provide details of plastic packaging purchased from Producers and/or Importers covered under clause 4 (i) and 4 (ii) separately. The quantities attributed to each Producer and Importer covered under clause 4 (i) and 4 (ii) obligated upon Brand Owner shall be deducted from the obligation of Producers and Importers. The record of such purchase including category-wise quantity purchased, shall be maintained separately by Brand Owner.

(10.4) The Producers and Importers covered under clauses 4 (i) and 4 (ii) will maintain the record of the quantity of plastic packaging material made available to Brand Owner covered under clause 4 (iii). The record of such sale including category-wise quantity sold, will be maintained separately by Producers and Importers. In case such records are not maintained, they will have to fulfil the complete Extended Producer Responsibility obligation. The online platform shall cross-check the declaration of transactions among Producers, Importers & Brand-Owners

(10.5) Producers, Importers, Brand-Owners and manufacturers, and manufacturers of commodities made from compostable plastic or biodegradable plastic may operate schemes such as deposit refund system or buy back or any other model in order to develop a separate waste stream for collection of

plastic packaging waste for directly fulfilling Extended Producer Responsibility obligations to prevent mixing of plastic packaging waste with solid waste. (14.03.2024)

(10.6) The Producers, Importers & Brand-Owners, manufacturers, and manufacturers of commodities made from compostable or biodegradable plastics shall file annual returns on the plastic packaging waste collected and processed towards fulfilling obligations under Extended Producer Responsibility with the Central Pollution Control Board or concerned State Pollution Control Board or Pollution Control Committee as per pro forma prescribed by Central Pollution Control Board by the 30th June of the next financial year. Information on the reuse and/or recycled content used for packaging purposes will also be provided. The details of the registered recyclers from whom the recycled plastic has been procured will also be provided.

Provided that the annual returns under this sub-paragraph in respect of the financial year 2022-2023 may be filed on or before the 31st March 2024; (14.03.2024)

11. Role of Plastic Waste Processors (Recyclers or Other Waste Processors including industrial composting facilities)

(11.1) All plastic waste processors shall have to register with concerned State Pollution Control Board or Pollution Control Committee in accordance with provision 13(3) of Plastic Waste Management Rules, 2016 on the centralized portal developed by Central Pollution Control Board. Central Pollution Control Board shall lay down uniform procedure for registration within three months of the publication of these guidelines.

(11.2) The Plastic waste processors shall submit annual returns after end of every financial year by 30th April of the next financial year on the quantity of plastic waste processed category-wise as per prescribed pro forma on the centralized portal developed by Central Pollution Control Board.

Provided that the annual returns under this sub-paragraph in respect of the financial year 2022-2023 may be filed on or before the 31st March 2024; (14.03.2024)

(11.3) The total quantity of plastic waste processed by plastic waste processors and attributed to Producers, Importers & Brand-Owners, on an annual basis, will be made available on the centralized portal developed by Central Pollution Control Board as also on the website of Plastic waste processors.

(11.4) In case, at any stage it is found that the information provided by the plastic waste processor is false, the plastic waste processor shall be debarred by State Pollution Control Board, as per procedure laid down by Central Pollution Control Board , from operating under the Extended Producer Responsibility framework for a period of one year.

(11.5) Only plastic waste processors registered under Plastic Waste Management Rules, 2016, as amended**,** shall provide certificates for plastic waste processing, except in case of use of plastic waste in road construction. In case where plastic waste is used in road construction the Producers, Importers & Brand-Owners shall provide a self- declaration certificate in pro forma developed by Central Pollution Control Board. The certificate provided by only registered plastic waste processors shall be considered for fulfilment of Extended Producer Responsibility obligations by Producers, Importers & Brand-Owners.

(11.6) The pro forma for the certificate shall be developed by Central Pollution Control Board. In no case, the amount of plastic packaging waste recycled by the enterprise shall be more than installed capacity of the enterprise. The certificates will be for plastic packaging category-wise and shall include GST data of the enterprise.

(11.7) The certificate for plastic packaging waste provided by registered plastic waste processors shall be in the name of registered Producers, Importers & Brand-Owners or Local authorities, as applicable, based upon agreed modalities. Central Pollution Control Board will develop mechanism for issuance of such certificate on the centralized portal.

(11.8) The Plastic Waste Processors undertaking end-of-life disposal of plastic packaging waste viz. waste to energy, waste to oil, cement kilns (co processing) shall provide information on an annual basis as per prescribed pro forma, on the centralized portal developed by Central Pollution Control Board. These entities shall ensure the disposal of plastic packaging waste as per relevant rules, guidelines framed by regulatory bodies in an environmentally sound manner.

12. Role of Central Pollution Control Board

(12.1) The Central Pollution Control Board shall register Producers, Importers & Brand-Owners who are operating in more than two states and plastic waste processors, through online portal. Central Pollution Control Board shall prescribe the standard operating procedure for registration of Producers, Importers & Brand-Owners under Plastic Waste Management Rules, 2016.

(12.2) The Central Pollution Control Board may charge fee for processing of applications for registration and an annual fee for processing of returns, as per procedure prescribed by CPCB. In case, where Producers, Importers & Brand-Owners, are operating in the jurisdiction of a State Pollution Control Board or Pollution Control Committee, the Central Pollution Control Board as per guidelines so decided, will share the application fee with the concerned State Pollution Control Board or Pollution Control Committee.

(12.3) The registration shall be done within two weeks from the submission of a complete application online by the Producers, Importers & Brand-Owners. The tenure of registration shall be as per Plastic Waste Management Rules, 2016.

(12.4) Central Pollution Control Board by itself or through a designated agency or Registered Environment Auditor shall verify compliance of Producers, Importers & Brand-Owners through inspection and periodic audit, as deemed appropriate. Central Pollution Control Board, as required, can also verify compliance of Plastic Waste Processors through inspection and periodic audit. In case of plastic waste processors and Producers, Importers & Brand-Owners operating in a State or Union Territory, Central Pollution Control Board may, if required, direct State Pollution Control Board or Pollution Control Committee to take action. (31.03.2026)

(12.5) Central Pollution Control Board shall publish the list of Producers, Importers & Brand-Owners who have failed to meet Extended Producer Responsibility targets and obligations in the previous financial year, on an annual basis, by 30th September of the next financial year.

(12.6) The Central Pollution Control Board will establish a mechanism to ensure a regular dialogue between relevant stakeholders involved in the fulfilment of extended producer responsibility obligations for plastics under the Plastic Waste Management Rule, 2016.

(12.7) The Central Pollution Control Board shall carry out a compositional survey of collected mixed municipal waste to determine the share of plastic waste as well as different categories of plastics packaging material on a half-yearly basis.

(12.8) The Central Pollution Control Board shall carry out review of technologies related to plastic packaging and plastic waste management for techno-economic viability and feasibility specifically with respect to clause 7.6.

13. Role of State Pollution Control Board or Pollution Control Committee:

(13.1) The concerned State Pollution Control Board or Pollution Control Committee shall register Producers, Importers & Brand-Owners (operating in one or two states) and plastic waste processors, through the online portal developed by Central Pollution Control Board. Provision for registration shall be made on the Extended Producer Responsibility portal. State Pollution Control Board or Pollution Control Committee by itself or through a designated agency or Registered Environment Auditor shall verify compliance of Producers, Importers & Brand-Owners through inspection and periodic audit, as deemed appropriate, of Producers, Importers & Brand-Owners as well as plastic waste processors in their jurisdiction as per the Plastic Waste Management Rule, 2016.(31.03.2026)

(13.2) The State Pollution Control Board or Pollution Control Committee shall bring out a list of entities (Exception Report) who have not fulfilled their Extended Producer Responsibility responsibilities on annual basis and publish the same on their website. The State Pollution Control Board or Pollution Control Committee shall submit the Annual Reports submitted by Producers, Importers & Brand-Owners and plastic waste processors in their jurisdiction to Central Pollution Control Board and upload the same on the online Extended Producer Responsibility portal.

(13.3) State Pollution Control Board or Pollution Control Committee will establish a mechanism to ensure a regular dialogue between relevant stakeholders involved in the fulfilment of extended producer responsibility obligations under the Plastic Waste Management Rule, 2016.

(13.4) State Pollution Control Board or Pollution Control Committee shall carry out a compositional survey of collected mixed municipal waste to determine the share of plastic waste as well as different categories of plastics packaging material on a half-yearly basis.

14. Plastic Packaging Waste Collection System by Producers, Importers & Brand-Owners

(14.1) Producers, Importers & Brand-Owners while fulfilling their Extended Producer Responsibility obligations may develop collection and segregation infrastructure of plastic packaging waste, as required, based on the category of plastics. It may include the following based on implementation modality of Extended Producer Responsibility adopted by Producers, Importers & Brand-Owners: -(a) establish waste plastic collection points and Material Recovery Facilities (MRFs);

(b) ensure the collection of the plastic packaging waste from the collection points, with a frequency that is proportionate to the area covered and the volume;

(c) offer the collection of plastic, from the entities like urban local bodies, gram panchayats, other public authorities or third parties carrying out waste management, and provide for the collection from all entities that have made use of that offer; provide for the necessary practical arrangements for collection and transport;

(d) ensure that the plastic packaging waste collected from the collection points are subsequently subject to recycling in a registered facility by a recycler or its permitted end use in the designated manner.

(14.2) Producers, Importers & Brand-Owners may ensure the network of collection points taking into account population size, expected volume of plastic or packaging waste, accessibility and vicinity to end-users, not being limited to areas where the collection and subsequent management is profitable.

(14.3) The entities involved in waste collection will hand over the waste for treatment and recycling or for identified end uses.

(14.4) Participation of voluntary collection points - voluntary collection points will hand over plastic packaging waste to the Producers, Importers & Brand-Owners or third party agencies acting on their behalf with a view to their treatment and recycling or their identified end use.

15. Fulfilment of Extended Producer Responsibility Obligations

(15.1) The Producers, Importers, Brand-Owners and manufacturers, and manufacturers of commodities made from compostable plastics or biodegradable plastics shall provide the details of certificates for plastic waste recycled and sent for end of life disposal, by 30th June of next financial year while filing annual returns on the online portal. (14.03.2024)

(15.2) The details of certificates provided by Producers, Importers, Brand-Owners and manufacturers, and manufacturers of commodities made from compostable plastic or biodegradable plastics and registered plastic waste processors shall be verified and in case of difference, the lower figure shall be considered towards fulfilment of Extended Producer Responsibility obligation under these rules.

(15.3) The certificates shall be subject to verification by Central Pollution Control Board or State Pollution Control Board or Pollution Control Committee concerned, as the case may be. (14.03.2024)

(15.4) The Manufacturer of biodegradable plastics shall fulfil their Extended Producer Responsibility obligations by obtaining Extended Producer Responsibility certificates generated by local authorities, as per agreed modalities. (14.03.2024)

(15.5) The local authorities shall generate Extended Producer Responsibility certificates equal to the biodegradable plastic collected by them and put to end of life biodegradation in the respective recipient environment as per standard notified by Bureau of Indian Standards, which shall be recorded, and details of such certificates obtained by the manufacturers of commodities of biodegradable plastics shall be submitted on the centralised online portal while filing annual returns under these rules. Central Pollution Control Board will develop mechanism for such exchange on the centralized online portal. (14.03.2024)

16. Centralized Online Portal

(16.1) Central Pollution Control Board shall establish an online system for the registration as well as for filing of annual returns by Producers, Importers & Brand-Owners, plastic waste processors of plastic packaging waste by 31st March 2022:-

(16.2) The online system developed by Central Pollution Control Board for the registration as well as for filing of returns by Producers, Importers & Brand-Owners shall reflect the plastic packaging material introduced in the market Producers, Importers & Brand-Owners in a financial year. It shall also reflect

the details regarding the audit of the Producers, Importers & Brand-Owners as well as recyclers or other waste processors of plastic packaging waste.

(16.3) The State Pollution Control Board or Pollution Control Committee shall also use the centralized portal developed by Central Pollution Control Board for registration of Producers, Importers & Brand-Owners as well as recyclers/waste processors. The centralized portal would act as the single point data repository with respect to orders and guidelines related to implementation of Extended Producer Responsibility for plastic packaging under Plastic Waste Management Rule, 2016 Producers, Importers & Brand-Owners may, if they so desire, facilitate the development of online web portal or platform.

(16.3) Till the online web portal is developed all activities related to implementation of Extended Producer Responsibility under the Plastic Waste Management Rules, 2016 will be done in an offline manner.

17. Monitoring

State Pollution Control Board or Pollution Control Committee shall submit annual report on Extended Producer Responsibility portal with respect to fulfilment of Extended Producer Responsibility by Producers, Importers & Brand-Owners (which include manufacturers of plastic packaging material) and plastic waste processors in the State/Union Territory to Central Pollution Control Board. The report shall also be submitted to the State Level Monitoring Committee constituted under the Plastic Waste Management Rules, 2016. State Pollution Control Board or Pollution Control Committee shall also submit annual report with respect to recyclers or end of life disposal in the State or Union Territory to Central Pollution Control Board by 31st July of the next year.

18. Committee for Extended Producer Responsibility under PWM Rules

(18.1) A committee shall be constituted by the Central Pollution Control Board under chairpersonship of Chairman, Central Pollution Control Board to recommend measures to Ministry of Environment, Forest and Climate Change for effective implementation of Extended Producer Responsibility including amendments to Extended Producer Responsibility guidelines. The committee shall monitor the implementations of Extended Producer Responsibility and also take such measures as required for removal of difficulties. The Committee shall also be tasked with the guiding and supervision of the online portal including approval of requisite forms or pro forma.

(18.2) The committee shall comprise of representative from concerned line Ministries/Departments such as Ministry of Housing and Urban Affairs, Ministry of Micro, Small and Medium Enterprises, Department of Drinking Water and Sanitation, Department of Chemical and Petrochemicals; Bureau of Indian Standards, three State Pollution Control Board or Pollution Control Committee, Central Institute of Plastic Engineering and Technology (CIPET), National Environmental Engineering Research Institute (NEERI), and three industry associations, and any other invitee as decided by the chairperson of the committee.

ANNEXURE

Examples for Clause 7

Extended Producer Responsibility Target and Minimum level of recycling of plastic packaging waste [Refer Clause 7.2 (a), (b) & (c), Clause 7.3 (a), (b) & (c), and Clause 7.4 (a), (b) & (c)] ***Example 1:***

Year 2022-23	
Plastic packaging introduced in the market (Category II Flexible plastic packaging*)*	
Extended Producer Responsibility Target @ 70 %	*70 MT*
Minimum level of recycling of plastic collected under Extended Producer threshold has been prescribed	*Quantity of plastic packaging waste Extended Producer Responsibility and actuals* *Quantity of plastic packaging waste collected under* *recovery, co-processing, road construction, waste to oil*

Example 2:

Year 2024-25	
Plastic packaging introduced in the market category-wise	*100 MT*
Extended Producer Responsibility Target @ 100	*100 MT*
Minimum level of recycling of plastic packaging waste collected under Extended Producer Responsibility @ 30%	*Minimum 30 MT of plastic packaging waste collected under Extended Producer Responsibility needs to be recycled.* *Remaining plastic packaging waste collected(Maximum 70 MT) may be used for energy recovery, co-processing, road construction, waste to oil etc.*

Example 3:

Year 2028-29

Plastic packaging introduced in the market category-wise *(Category II* Flexible plastic packaging*)*	*100 MT*
Extended Producer Responsibility Target @ 100 %	*100 MT*
Minimum level of recycling of plastic packaging waste collected under Extended Producer Responsibility @ 60 %	*Minimum 60 MT of plastic packaging waste collected under Extended Producer Responsibility needs to be recycled.* *Remaining plastic packaging waste collected(Maximum 40 MT) may be used for energy recovery, co-processing, road construction, waste to oil etc.*

Reuse

[Refer Clause 7.4 (b)]

Example 4:

Year 2025 – 26 (Minimum obligation for reuse comes into effect)	
Plastic packaging introduced in the market category-wise *(Category I Rigid Plastic Packaging)*	
Reuse of Category I rigid plastic packaging with volume *or weight equal or more than 0.9 litres or kilogrammes bUnion Territory less than 4.9 litres or kilogrammes*	
kilogrammes bUnion Territory less than 4.9 litres or kilogrammes	*(Reuse @ 15 %; minimum obligation for reuse 10 %)*
Fresh plastic packaging introduced (A)	*85 MT*
Extended Producer Responsibility target for compliance @ 100% of (A)	*85 MT*

Minimum level of recycling of Category I plastic packaging waste collected under Extended Producer Responsibility @ 60%	*Minimum 51 MT of plastic packaging waste collected under Extended Producer Responsibility needs to be recycled.* *A maximum of 34 MT plastic packaging waste collected may be used for energy recovery, co-processing, road construction, waste to oil etc.*

Example 5:

For Year 2022 - 23	
Plastic packaging introduced in the market category-wise (Category I Rigid Plastic Packaging)	
Reuse of Category I rigid plastic packaging with volume or weight equal or more than 0.9 litres or kilogrammes bUnion Territory less than 4.9 litres or kilogrammes	
Fresh plastic packaging introduced (A)	*90 MT*
Extended Producer Responsibility Target @ 35 % of (A)	*31.5 MT*

<u>Use of recycled plastic content</u>

<u>[Refer Clause 7.2 (d), 7.3</u>

<u>(d)]</u> Example 6:

Year 2025-26	
Plastic packaging introduced in the market category-wise (Category II Flexible plastic packaging*)*	*100 MT*
Extended Producer Responsibility Target as per clause 5.1 @ 100 %	*100 MT*
Minimum content of recycled plastic in packaging @ 10%	*10 MT of plastic content in the packaging should be recycled plastic* *90 MT of virgin plastic content in packaging*

"

[F. No. 17/2/2001 – Part I - HSMD]

NARESH PAL GANGWAR, Addl. Secy.

Note : The principal rules were published in the Gazette of India, Extraordinary, Part II Section 3, Sub-Section (i) vide number G.S.R 320 (E) dated the 18th March, 2016 and subsequently amended *vide notification numbers G.S.R 285 (E) dated the 27th March, 2018, G.S.R. 571 (E) dated the 12th August, 2021 and G.S.R. 647 (E) dated the 17th September, 2021.*

FORM - I

[See rules 13 (2)]

APPLICATION FOR REGISTRATION FOR PRODUCERS or Brand Owners

From: .....

.....

.....(Name and full address of the occupier)

To

The Member Secretary,

..... Pollution Control Board or Pollution Control Committee

.....

.....

Sir,

I /We hereby apply for registration under rule 9 of the Plastic Waste Management Rules, 2016

1. Producers

(A) other than micro and small enterprises (as per criteria of Ministry of Micro, Small and Medium Enterprises, Government of India)

PART – A GENERAL		
1.(a)	Name and location of the unit	
(b)	Address of the unit	
(c)	Registration required for manufacturing of:	
	(i) Carry bags;	
	(a) petro- based,	
	(b) Compostable	
	(ii) Multilayered plastics	
(d)	Manufacturing capacity	
(e)	In case of renewal, previous registration number and date of registration	
2	Is the unit registered with the District Industries Centre of the State Government or Union Territory? If yes, attach a copy	
3.(a)	Total capital invested on the project	
(b)	Year of commencement of production	

4. (a)	List and quantum of products and by-products	
(b)	List and quantum of raw materials used	
5	Furnish a flow diagram of manufacturing process showing input and output in terms of products and waste generated including for captive power generation and water.	
6	Status of compliance with these rules- Thickness – fifty Micron (Yes/No)	

PART – B **PERTAINING TO LIQUID EFFLUENT AND GASEOUS EMISSIONS**		
7(a)	Does the unit have a valid consent under the Water (Prevention and control of Pollution) Act, 1974 (6 of 1974)? If yes, attach a copy	
(b)	Does the unit have a valid consent under the Air (Prevention and Control of Pollution) Act, 1981 (14 of 1981)? If yes, attach a copy	
PART – C **PERTAINING TO WASTE**		
8	Solid Wastes or rejects: (a) Total quantum of waste generated (b) Mode of storage within the plant (c) Provision made for disposal of wastes	
9	Attach or Provide list of person supplying plastic to be used as raw material to manufacture carry bags or plastic sheet of like or multilayered packaging	
10	Attach or provide list of personnel or Brand Owners to whom the products will be supplied	
11	Action plan as per Regulation notified for Extended Producer Responsibility	
Name and Signature Designation Date : Place:		

(B) Producers; Micro and Small Enterprises (as per criteria of Ministry of Micro, Small and Medium Enterprises, Government of India)

PART-A General		
1.	Micro or Small Producer	
2.	Details: (a) Name and location (b) Registered Address (c) Postal Address (d) GST No. (e) PAN No. (f) CIN No (Applicable for companies) (g) Udyam Registration No.	
3.	Authorized Person Details: (a) Name (b) Designation (c) Mobile No. (d) Aadhaar No. (Aadhaar authentication on voluntary basis) (e) PAN No. (f) Email ID	
4.	Plastic packaging manufactured: Category - I /Category - II/ Category - III/ Category - IV/Category – V)	
5.	Year of commencement of business	
6.	Unit Location: S.No. Place of Manufacturing unit Manufacturing capacity (plastic-packaging category wise)	
7.	Total Capital invested in project.	
Part B: Details on plastic packaging		
8.	Manufacturing Details	Year 1 Year 2 Quantity(MT)
	1. Raw material procured 2. Plastic packaging produced category-wise 3. Total Plastic packaging sold category-wise (MT) a. Plastic packaging sold to Brand owner b. Plastic packaging sold to Producer (Large and Medium) c. Plastic packaging sold to Producer (Small and micro) d. Plastic packaging sold to seller 4. Pre-consumer plastic packaging waste (MT)	
9.	Status of Compliance with Rule 4 of Plastic Waste Management Rules, 2016 as amended	Yes / No
10.	Cover Letter (with attachment)	
11.	Self-Declaration by Micro and Small Producers	

12.	Authorized Signatory	
13.	Self-Declaration : Name : Digital Signature : Date : Place :	

Note:

(i) The registration shall be based upon self-declaration and done through centralized online portal on plastic packaging.

(ii) In case of proprietorship firm not registered under any Act or rules of the Central Government or the State Government, the proprietor may use his or her Permanent Account Number (PAN) issued by Income Tax Department for registration of the enterprise.

2. Brand Owners:

PART – A GENERAL		
1.	Name, Address and Contact Number	
2.	In case of renewal, previous registration number and date of registration	
3.	Is the unit registered with the District Industries Centre of the State Government or Union territory? If yes, attach a copy.	
4.(a)	Total capital invested on the project	
(b)	Year of commencement of production	
5.(a)	List and quantum of products and by-products	
(b)	List and quantum of raw materials used	
PART – B PERTAINING TO LIQUID EFFLUENT AND GASEOUS EMISSION		
5.	Does the unit have a valid consent under the Water (Prevention and control of pollution) Act, 1974 (6 of 1974)? If yes, attach a copy	
6.	Does the unit have a valid consent under the Air (Prevention and Control of Pollution) Act, 1981 (14 of 1981)? If yes, attach a copy	
PART – C PERTAINING TO WASTE		
7.	Solid Wastes or rejects: (a) Total quantum of waste generated (b) Mode of storage within the plant (c) Provision made for disposal of wastes	

8.	Attach or Provide list of person supplying plastic material	
9.	Action plan on collecting back the plastic wastes	
	Name and Signature: Designation: Date: Place:	

3. Importers:
Item 3, 4, 5 of Part A, Part B, and item 7 and 8 of Part C, to be filled as per applicability.

PART – A GENERAL		
1.	Name, Address and Contact Number	
2.	In case of renewal, previous registration number and date of registration	
3.	Is the unit registered with the District Industries Centre of the State Government or Union territory? If yes, attach a copy.	
4.(a)	Total capital invested on the project	
(b)	Year of commencement of production	
5.(a)	List and quantum of products and by-products	
(b)	List and quantum of raw materials used	
6.(a)	Quantity of plastic sheet or like used for packaging of imported or to be imported products	
(b)	Quantity of imported or to be imported plastic sheet or like used for packaging for further supply or self-use	
(c)	Quantity of imported or to be imported multi-layered packaging for further supply or self-use	
PART – B PERTAINING TO LIQUID EFFLUENT AND GASEOUS EMISSION		
5.	Does the unit have a valid consent under the Water (Prevention and control of pollution) Act, 1974 (6 of 1974)? If yes, attach a copy	
6.	Does the unit have a valid consent under the Air (Prevention and Control of Pollution) Act, 1981 (14 of 1981)? If yes, attach a copy	
PART – C PERTAINING TO WASTE		
7.	Solid Wastes or rejects: (a) Total quantum of waste generated (b) Mode of storage within the plant (c) Provision made for disposal of wastes	
8.	Attach or Provide list of person supplying imported ~~(i)~~ plastic sheet or like used for packaging, ~~(ii)~~ multilayered packaging	

9.	Action plan as per Regulation notified for Extended Producer Responsibility	
Name and Signature: Designation: Date: Place:		

FORM – II

[SEE RULE 13 (3)]

Application Form for Registration of Units Engaged in Processing or Recycling of Plastic Waste

1	Name and Address of the unit				
2	Contact person with designation, Tel./Fax /email				
3	Date of commencement				
4	No. of workers (including contract labour)				
5	Consent Validity	a. Water (Prevention & Control of Pollution) b. Act, 1974; c. Valid up to _____ Air (Prevention & Control of Pollution) Act, 1981; Valid up to _____			
	Products and installed capacity of (MTA)				
	Waste Management:	S. No.	Type	Category	Qty.
		i			
		ii			
	b. Waste Collection and transportation (attach details)				
	c. Waste Disposal details	S. No.	Type	Category	Qty.
	d. Provide details of the disposal facility, whether the facility is authorized by SPCB or PCC	i			
	e. Please attach analysis report of characterization of waste generated (including leachate test if applicable)				
	Details of plastic waste proposed to be acquired through sale, auction, contract or import,				

	as the case may be, for use as raw material	ii. Quantity required /year
10	Occupational safety and health aspects	Please provide details of facilities
	Pollution Control Measures	
	Whether the unit has adequate pollution control systems or equipment to meet the standards of emission or effluents.	If Yes, please furnish details
	Whether unit is in compliance with laid down in the said rules.	
	Whether conditions exist or are likely to exist of the material being handled or processed posing adverse immediate or delayed impacts on the environment.	Yes/No
	Whether conditions exist (or are likely to exist) of the material being handled or processed by any means capable of yielding another material (e.g. leachate) which may possess eco-toxicity.	Yes/No
	Any other relevant information including fire or accident mitigative measures	
13	List of enclosures as per rule	

Date: Name and Signature

Place: Designation

FORM - III

[SEE RULES 13(4)]

APPLICATION FOR REGISTRATION FOR MANUFACTURERS OF PLASTIC RAW MATERIALS

From: .....

……

…….(Name and full address of the occupier)

To

The Member Secretary,

.....……. Pollution Control Board or Pollution Control Committee

…….

…….

Sir,

I/We hereby apply for registration under the Plastic Waste Management Rules, 2011

PART – A GENERAL		
1.(a)	Name and location of the unit	
(b)	Address of the unit	
(c)	In case of renewal, previous registration number and date of registration	
2.	Is the unit registered with the DIC or DCSSI of the State Government or Union Territory? If yes, attach a copy.	
3.(a)	Total capital invested on the project	
(b)	Year of commencement of production	
(c)	List of producers and quantum of raw materials supplied to producers	

Date: Place:	Name and Signature Designation

FORM - IV

[SEE RULES 17 (1)]

FORMAT OF ANNUAL REPORT BY OPERATOR OF PLASTIC WASTE PROCESSING OR RECYCLING FACILITY TO THE LOCAL BODY

Period of Reporting:

(1)	Name and Address of operator of the facility	
(2)	Name of officer in-charge of the facility (Telephone/Fax/Mobile/ E-mail)	
(3)	Capacity:	
(4)	Technologies used for management of plastic waste:	
(5)	Quantity of plastic waste received during the year being reported upon along with the source	
(6)	Quantity of plastic waste processed (in tons): - Plastic waste recycled(in tons) - Plastic waste processed (in tons) - Used (in tons)	
	Quantity of inert or rejects sent for final disposal to landfill sites:	
(8)	Details of land fill facility to which inert or rejects were sent for final disposal: - Address – Telephone	
(9)	Attach status of compliance to environmental conditions, if any specified during grant of Consent	
(10)	Data to be provided as per guidelines specified in Schedule – II by 30th April of every year to the concerned State Pollution Control Board or Pollution Control Committee (06.07.2022)	

Dated: Place:	Signature of Operator

FORM V

[See rules 17 (4)]

(A) FORMAT FOR ANNUAL REPORT ON PLASTIC WASTE MANAGEMENT TO BE SUBMITTED BY THE URBAN LOCAL BODY

Period of Reporting: (Year)

A	**GENERAL INFORAMTION**	
1	Name of the City or Town and State:	
2	Name & Address of Local body	
3	Contact E-mail:	
4	Contact Phone No.	
5	Population	
6	Area in sq. Kilometers	
7	Whether separate Plastic Waste Management Cell is operational (Y/N)	
8	Staff deployed in Plastic Waste Management Cell	
9	Total numbers of the wards in the area under jurisdiction	
10	Total numbers of households in the area under jurisdiction ward –wise	
11	Number of households covered by door-to-door collection – ward-wise	
12	Total number of commercial establishments and Institutions in the area under jurisdiction and those covered by door to door collection	
A	Commercial establishments	
B	Institutions	
13	(i) Details of human resource including waste pickers in informal sector (concessionaire or own resource) deployed for (a) Collection (b) Street sweeping (c) Transportation (d) Segregation (e) Processing (f) disposal (ii) Details of waste pickers engaged in plastic waste management (ward wise) No. of waste pickers	
B	**PLASTIC WASTE MANAGEMENT**	
1	Quantity of Plastic Waste generated (Tonnes) as per CPCB methodology	
2	Compositional characterization of plastic waste as per CPCB methodology	
	• Plastic packaging (Cat I/Cat II/Cat III/Cat IV/Cat V)	
	• Others type of plastic waste (i) recyclable and (ii) non-recyclable	
3	Door to Door collection of segregated waste (coverage in % or number of households) – ward-wise	
4	Total no. and capacity of MRF	
	(a) No. and capacity of Mechanical MRF Facilities No. Capacity (MT) Waste segregated (MT)	
	b) No. and capacity of Manual MRF Facilities No. Capacity (MT) Waste segregated (MT)	
5	Number of plastic recycling facilities with details of category- wise Name and address with EPR registration number Capacity (MT) Total Plastic Waste recycled (MT) Plastic packaging waste recycled category –wise (MT) Other plastic waste recycled (MT) EPR certificates generated category-wise (MT)	

6	Number and capacity of industrial composting unit for compostable plastics Name and address with EPR registration number Capacity (MT) Waste composted (MT) Compostable plastics processed (MT)	
7	Number and capacity of Operational Waste to energy Plants Name and address with EPR registration number Capacity (MT) Plastic Waste processed (MT) Energy produced	
8	Number and capacity of operational wastes to Oil units Name and address with EPR registration number Capacity (MT) Waste processed (MT) Oil generated	
9	Quantity and capacity of Plastic waste used in road construction along with KM Plastic Waste used (MT) Road Length (Km)	
10	Disposal of thermoset plastic as per guidelines Thermoset plastic Waste sent to secured landfill (MT) Thermoset plastic Waste co-processed (MT)	
11	Cement plants for plastic waste for co-processing	
a	Name and address with EPR registration number Total unsegregated waste received (MT) Percentage of plastic waste in unsegregated waste Plastic waste co-processed (MT)	
b	Name and address with EPR registration number Total segregated plastic waste received (MT) Plastic waste co-processed category-wise (MT)	
12	Quantity of inert material disposed (MT) from recyclers and other waste processor in sanitary landfill	
13	Scientific Landfill site (number and capacity) No. Capacity (MT) Waste received (MT)	
14	Legacy waste site (number and amount of legacy waste) Waste present (MT) Waste processed to RDF (MT) Plastic waste in RDF (%) Waste remaining (MT)	
15	EPR Registration No. of ULB in case registered	
16	EPR Guidelines leveraged for PWM (Y/N) Details to be attached	
C.	**ENFORCEMENT OF PLASTIC WASTE MANAGEMENT RULES**	
1	Please confirm if Bye- laws have been framed (Yes/No)	
2	No. of violations & action taken on non-compliance of provisions of PWM Rules, 2016, except for banned Single Use Plastics and plastic carry bags (Rule 12)	
(i)	Total no of Violations (eg. Burning/ Littering of plastic waste)	
(ii)	Actions Taken (Fines/penalties Imposed Rs.)	
3	**Implementation of ban imposed under Rule 4 including on identified single use plastic items, plastic carry bags having thickness less than 120 microns (ward-wise) (quarterly reporting)**	
(i)	Registration number CPCB SUP compliance App	
(ii)	Total number of commercial establishments/Institutions and Hotspots in the area under jurisdiction	
(iii)	Total No of Inspections carried out	
(iv)	Total Fine imposed (Rs.)	
(v)	Quantity of Banned SUP seized(Tons)	
(vi)	Details of mode of disposal of seized SUP	

	Qty of SUP Seized (T)	Mode of Disposal (Recycling/ WtE/ WtO/ Coprocessing/ Road making)	Name & Address of the Plastic Waste Processor

(vii)	Details of Entities producing Alternatives				
	Sl. No.	Name of Entity	SUP Alternative produced	Production Capacity (TPA)	Address

(ix)	Details of Entities producing compostable plastics and biodegradable plastics	
(x)	Shops for Eco alternatives for banned Single Use Plastic items	
D	**Data on ingress of littered plastic waste in water bodies**	
1	Ingress points for plastic waste in Drain and Water Body Number of ingress points Measures taken to stop ingress of plastic waste	
2	Surface water bodies including river stretches Number of surfaces water bodies Quantity of plastic waste collected	
3	Number of drains cleaned from Plastic waste Total length of drains Total length of drains cleaned from plastic waste Plastic waste collected (MT) Silt collected	

(B) FORMAT FOR ANNUAL REPORT ON PLASTIC WASTE MANAGEMENT TO BE SUBMITTED BY THE PANCHAYAT AT THE DISTRICT LEVEL
Period of reporting: (Year)

A	**GENERAL INFORAMTION**	
1	Name of the District and State:	
2	Name & Address of Panchayati Raj Institution at the District Level	
3	Contact E-mail:	
4	Contact Phone No.	
5	Number of Gram Panchayats Covered	
6	Number of Villages covered	
7	Total Population	
8	Total Area	
9	Total number of households	
B	**PLASTIC WASTE MANAGEMENT**	
1	Summary of the mechanisms put in place for management of plastic waste in the area under jurisdiction along with the details of agencies involved (Please attach the details)	
2	Please attach details of infrastructure put in place for management of plastic waste generated in the area under jurisdiction	
3	Total no. of Plastic Waste Management Units set up with capacity	
4	Quantity of Plastic Waste generated (Tonnes) as per CPCB methodology	
5	Plastic Waste Characterization as per CPCB methodology (Plastic packaging waste: Cat I/Cat II/ Cat III/Cat IV/Cat V and Others ((i) recyclable and (ii) non-recyclable)	
6	Quantity of Plastic Waste collected (Tonnes)	
7	Plastic Waste Segregated (Tonnes)	
8	Plastic waste channelized for processing and recycling (details quantum of plastic waste, type of processing)	

	(a) Plastic waste to recyclers (b) Plastic waste to co-processing in cement kilns (c) Plastic waste to waste to energy/waste to oil plants (d) Plastic waste for road construction	
9	(i) Details of human resource including waste pickers in informal sector (concessionaire or own resource) deployed for (a) Collection (b) Street sweeping (c) Transportation (d) Segregation (e) Processing (f) disposal (ii) Details of waste pickers engaged in plastic waste management (ward wise) No. of waste pickers	
10	EPR Guidelines leveraged for PWM (Y/N) Details to be attached	
C.	**ENFORCEMENT OF PLASTIC WASTE MANAGEMENT RULES**	
1	Please confirm if Bye - laws have been framed (Yes/No)	
2	No. of violations & action taken on non-compliance of provisions of PWM Rules, 2016, except for banned Single Use Plastics and plastic carry bags (Rule 12)	
(i)	Total no of Violations (eg. Burning/ Littering of plastic waste)	
(ii)	Actions Taken (Fines/penalties Imposed Rs.)	
3	**Implementation of ban imposed under Rule 4 including on identified single use plastic items, plastic carry bags having thickness less than 120 microns (ward-wise) (quarterly reporting)**	
(i)	Total number of Institutions and Hotspots in the area under jurisdiction	
(a)	Institutions- Schools, Colleges, etc.	
(b)	Hotspots – Subzi Mandi, Wholesale market, Fish Market, Flower market, Religious Places etc.	
(ii)	Total No of Inspections carried out	
(iii)	Total Fine imposed (Rs.)	
(iv)	Quantity of Banned SUP seized (Tons)	
D	**Data on ingress of littered plastic waste in water bodies**	
1	Ingress points for plastic waste in Drain and Water Body Number of ingress points Measures taken to stop ingress of plastic waste	
2	Surface water bodies including river stretches Number of surfaces water bodies Quantity of plastic waste collected	
3	Number of drains cleaned from Plastic waste Total length of drains Total length of drains cleaned from plastic waste Plastic waste collected (MT) Silt collected	

FORM VI
[See rule 17(6)]

FORMAT FOR ANNUAL REPORT ON PLASTIC WASTE MANAGEMENT TO BE SUBMITTED BY SPCB/PCC

Period of Reporting:

A	**GENERAL INFORAMTION**	
1	Name of the StateUT:	
2	Name & Address of SPCB/PCC	
3	Contact E-mail:	
4	Contact Phone No.	
5	Details of Plastic Waste Management (State Level)	
	• Collection (MT)	
	• Segregation (MT)	
	• Processing including recycling (MT)	
	• Disposal (MT)	
B	**MECHANISM OF PLASTIC WASTE MANAGEMENT**	
1	Summary of the mechanisms put in place for management of plastic waste in your State/UT along with the details of agencies involved (Please attach the details)	
2	Please attach details of infrastructure put in place for management of plastic waste generated in your State/UT	
3	Total no. of MRF Facilities	
(a)	No. of Mechanical MRF Facilities with capacity	
(b)	No. of Manual MRF Facilities with capacity	
C	**PLASTIC WASTE GENERATION, COLLECTION, SEGREGATION & CHARACTERIZATION**	
1	Total Numbers of the Urban Local Bodies (ULBs) in the area under jurisdiction	
2	No. of ULBs who have submitted Annual Report	
3	Total Numbers of the Gram Panchayat (GPs) in the area under jurisdiction	
4(a)	Total number of Panchayati Raj institution at District Level	
4(b)	No. of Panchayati Raj institution at District Level who have submitted annual report	
5	Please confirm that all GPs/ULBs have provided complete information in stipulated time as per format prescribed by CPCB (Yes/No)	
6	Please provide no. of ULBs/GPs which have not submitted complete information within the stipulated time frame	
7	Please provide total amount of EC levied on PRI at District Level / ULBs who have not submitted annual report as per prescribed timelines under the rules	
8	Quantity of Plastic Waste generated (Tonnes) as per CPCB methodology (Cat I/Cat II/ Cat III/Cat IV/Cat V/ Others)	
9	Quantity of Plastic Waste collected (Tonnes)	
10	Plastic Waste Segregated (Tonnes)	
11	Please confirm that all Local Bodies/ GPs have carried out Assessment of Plastic Waste Generation & Characterization as per methodology specified by CPCB (Yes/No)	
12	Please upload Plastic Waste Characterization Report as per methodology specified by CPCB	
13	Please confirm that data validation and reconciliation for ULB and PRI at District Level has been done as per methodology specified by CPCB (Yes /No)	
D	**EXTENDED PRODUCER RESPONSIBILITY IMPLEMENTATION**	
1	Total Number of ULBs registered on EPR (To be auto fetched from EPR portal)	

2	Details of Plastic Waste Processors (To be auto fetched from EPR Portal)								
	Name	Type Recycler/ Coprocessors / Waste to Energy/Waste to Oil/Road Making)	Registration No	Processing Capacity (TPA)					
				PW (Cat-I)	PW (Cat-II)	PW (Cat-III)	PW (Cat-IV)	PW (Cat-V)	Other
3	**Plastic Waste Processed through PWPs (TPA)**								
	Type Recycler/ Coprocessors / Waste to Energy/Waste to Oil/Road Making)			PW (Cat-I)	PW (Cat-II)	PW (Cat-III)	PW (Cat-IV)	PW (Cat-V)	Other
4	**Audit & Levying of Environmental Compensation (EC) (To be auto fetched from the EPR Portal)**								
(a)	No. of Entities (PIBOs/PWPs) audited								
(b)	No. of Entities (PIBOs/PWPs) found in violation								
(c)	EC levied on violating Entities (PIBOs/PWPs)								
E.	**Implementation of ban imposed under Rule 4 including on identified single use plastic items, plastic carry bags having thickness less than 120 microns**								
1	Total number of commercial establishments/Institutions and Hotspots in the area under jurisdiction								
(a)	• Commercial establishments :Malls, Cinema Halls, Airports, Railway Stations, Metro Stations								
(b)	• Institutions: Schools, Colleges, Office Complex etc								
2	Total No of Inspections (Data Auto fetched from SUP Compliance Monitoring Portal)								
3	Total No of Commercial Establishment and hotspots closed for SUP Ban Violation								
4	Total No. of Industries inspected(Data Auto fetched from SUP Compliance Monitoring Portal)								
5	Total no. of industries closed for manufacturing banned SUP items								
6	Total Fine imposed (Rs.) (Data Auto-fetched from SUP Compliance Monitoring Portal)								
7	Quantity of Banned SUP seized(Tons) (Data Auto-fetched from SUP Compliance Monitoring Portal)								
8	Total No of Commercial establishment and hotspot made SUP free								
9	Details of mode of disposal of seized SUP								
	Qty of SUP Seized (T)		Mode of Disposal (Recycling/ WtE/ WtO/ Co-processing/ roadmaking)		Name & Address of the Plastic Waste Processor				
10	Details of Entities producing Alternatives including compostable plastics								
	Details of Entities producing Alternatives								
	Sl. No.	Name of Entity	SUP Alternative produced	Production Capacity (TPA)	Address				
11	No of Complaints received on SUP grievance App (Data Auto-fetched from SUP Grievance redressal app)								
12	No of Complaints resolved (Data Auto-fetched from SUP Grievance redressal app)								

F	**Enforcement of Plastic Waste Management Rules**		
1	Details of Registered Plastic Raw Material Manufacturing Units		
	Total No	Capacity:	Product Manufactured
2	Details of Registered PWP (Non- packaging) Processing Facilities		
	Total No	Capacity:	Product Manufactured
3	Details of Unregistered Manufacturing or Recycling Units (in residential or unapproved areas).		
	Total No	Capacity:	Product Manufactured
4	No. of ULBs which have framed bye-laws		
5	No. of violations & action taken on non-compliance of provisions of PWM Rules, 2016, as amended, 2018 (Rule 12)		
6	Total no. of violations (Burning/ Littering/non-registration and other non-compliance)		
7	Action Taken (Fine Imposed / Closures issued)		

FORM VII
[See rule 17(2)]

Format for Quarterly report of Plastic Raw Material Manufacturer/Importer of plastic raw material
Year : Quarter : Q1/Q2/Q3/Q4

S. No.	Name of Buyer	Address of buyer	Email ID	Phone no.	Buyer Category	GST No. of buyer	Category of plastic packaging	Qty of plastic raw material supplied (T)	Type of plastic raw material supplied

Note:
(i) Quarterly report shall be submitted as per pro forma in electronic format prescribed by CPCB.
(ii) Individual invoices for transactions are not required for the purposes of quarterly report.

Buyer Category
1. Large and Medium Producers (as per criteria of Ministry of Micro, Small and Medium Enterprises, Government of India
2. Micro and Small Producers (as per criteria of Ministry of Micro, Small and Medium Enterprises, Government of India)
3. Brand Owners
4. Seller
5. Others (Non-plastic packaging applications)

Type of plastic raw material supplied
1. PET
2. HDPE
3. PVC
4. LDPE
5. PP
6. PS
7. Others
8. Biodegradable plastic in specified environment
9. Compostable plastic

[F. No- 17/6/2023 HSM]
NARESH PAL GANGWAR, Addl. Secy.

—**Note**: The following informations shall be provided to the Central Pollution Control Board by 30th April of every year namely [(06.07.2022)]:

a. Manufacturer of carry bag, recycle plastic bag, multilayered packaging (Registered under clause (i) of sub-rule (1) of rule 13).

b. Producer, Importer, Brand Owner (Registered under clause (i) of sub-rule (1) of rule 13).

c. Recycler and plastic waste processor (Registered under clause (i) of sub-rule (1) of rule 13).

Note- The principal rules were published in the Gazette of India, vide number G.S.R. 320(E), dated the 18th March, 2016 and subsequently amended vide notification number G.S.R. 285(E), dated the 27th March, 2018, vide notification number G.S.R. 571(E), dated the 12th August, 2021, vide notification number G.S.R. 647(E), dated the 17th August, 2021, vide notification number G.S.R. 133(E) , dated the 16th February 2022, vide notification number G.S.R. 522(E) dated the 6th July 2022, vide notification number G.S.R. 318(E) , dated the 27th April 2023 and last amended vide notification number G.S.R. 807(E) dated the 30th October 2023. [Mar. 2024]