

[To be published In the Gazette of India, Part-II, Section-3, Sub-section (i)]

Ministry of Environment, Forest and Climate Change

NOTIFICATION

New Delhi, the __ __, 2015

G.S.R _ _ _ _ (E). — WHEREAS, by a notification of the Government of India in the Ministry of Environment and Forests number S.O. 249(E), dated the 4th February, 2011, erstwhile, the Central Government, with an objective to improve plastic waste management system, framed the Plastic Waste (Management & Handling) Rules, 2011 for restricting the manufacture and use of plastic carry bags and for setting up of plastic waste management system by the municipal authorities;

AND WHEREAS an appraisal of implementation has revealed that desired results have not been achieved by the prescribed authorities due to various reasons and a need was felt to revisit these rules for the protection of public health and environment;

AND WHEREAS there is need to give thrust on plastic waste minimization, source segregation, recycling, involving waste pickers, recyclers and waste processors in collection of plastic waste fraction either from households or any other source of its generation or intermediate material recovery facility and adopt polluter's pay principle for the sustainability of the waste management system;

NOW, THEREFORE, the following draft of certain rules, which the Central Government proposes to make in exercise of the powers conferred by the sections 3, 6 and 25 of the Environment (Protection) Act, 1986 (29 of 1986) and in supersession of the Plastic Waste (Management & Handling) Rules, 2011 except as requisite things done or omitted to be done before such supersession are hereby published for the information of public likely to be affected thereby; and the notice is hereby given that the said draft rules shall be taken into consideration on or after the expiry of a period of sixty days from the date on which copies of this notification as published in the Gazette of India are made available to public;

The objections or suggestions to the draft rules, if any, may be addressed, within the period so specified, to the Secretary, Ministry of Environment and Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi-110 003 or electronically at the e-mail address of the Ministry bnsinha@gov.in, shard.sapra@nic.in;

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The objections and suggestions which may be received from any person with respect to the said draft rules before the expiry of the period so specified shall be considered by the Central Government.

DRAFT RULES

1. Short title and commencement.-

- (1) These rules shall be called the Plastic Waste Management Rules, 2015.
- (2) Save as otherwise provided in these rules, they shall come into force on the date of their final publication in the Official Gazette.

2. Application.-

- (1) These rules shall apply to every waste generator, urban local body, Gram Panchayat, manufacturer and producer.
- (2) These rules 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 that 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);
- (b) "**carry bags**" mean bags made from plastic material, used for the purpose of carrying or dispensing commodities but do not include bags that constitute or form an integral part of the packaging in which goods are sealed prior to use;
- (c) "**commodity**" means tangible item that may be bought or sold and includes all marketable goods or wares;

- (d) "**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;
- (e) "**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);
- (f) "**disintegration**" means the physical breakdown of a material into very small fragments;
- (g) "**extended producer's responsibility (EPR)**" means the responsibility of a producer for the environmentally sound management of the product until the end of its life;
- (h) "**food-stuffs**" mean ready to eat food products, fast food, processed or cooked food in liquid, powder, solid or semi-solid form;
- (i) "**facility**" means the premises used for recycling, processing and disposal of plastic waste;
- (j) "**institutional 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, organisation, academy, hotels and restaurants;
- (k) "**manufacturer**" means and include a person or unit or agency engaged in production of plastic to be used as raw material by the producer.
- (l) "**multilayered packaging**" means any material used or to be used for packaging and has a combination of more than one layer of materials such as paper, paper

board, polymeric materials, metalised layers or aluminium foil, either in the form of a laminate or co-extruded structure;

- (m) **"plastic"** means material which contains as an essential ingredient a high polymer such as polyethylene terephthalate, high density polyethylene, Vinyl (PVC), low density polyethylene, polypropylene, polystyrene resins , multi-materials like acrylonitrile butadiene styrene (ABS), polyphenylene oxide (PPO), polycarbonate (PC), Polybutylene terephthalate (PBT) and which at some stage in its processing into finished products can be shaped by flow;
- (n) **"plastic sheet"** means and includes a broad, thin, usually rectangular mass or piece of plastic;
- (o) **"plastic waste"** means any product made of plastic which have been discarded after use or after their intended life is over;
- (p) **"prescribed authority"** means the authorities specified in rule 12;
- (q) **"producer"** means persons engaged in manufacture 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;
- (r) **"registration"** means registration with the State Pollution Control Board or Pollution Control Committee concerned, as the case may be;
- (s) **"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);
- (t) **"urban local body"** means municipal corporation, municipality, nagar palika, nagar nigam, nagar nanchayat, municipal council including notified area committee (NAC), or any other local body constituted under the relevant statutes and, where the management of plastic waste is entrusted to such agency;

- (u) **"virgin plastic"** means plastic material which has not been subjected to use earlier and has also not been blended with scrap or waste;
- (v) **"waste generator"** means and includes every person or group of persons or institution, residential and commercial establishments including Indian Railways and Defense Cantonments which generate plastic waste;
- (w) **"waste management"** means the scientific reduction, re-use, recovery, recycling, composting or disposal of plastic waste;
- (x) **"waste pickers"** mean individuals or groups of individuals voluntarily engaged in the picking of recyclable plastic waste.

4. Conditions.- The manufacture, stocking, 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 shall either be in natural shade (colourless), 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) recycled plastic or products made of recycled plastic shall not be used for storing, carrying, dispensing or packaging food stuffs;
- c) carry bag made of virgin or recycled plastic, shall not be less than 50 microns in thickness;
- d) plastic sheet or like, which is not an integral part of multilayered packaging or cover made of plastic sheet used for packaging or wrapping the commodity shall not be less than 50 microns in thickness;
- e) the manufacturer shall not sell or provide or arrange plastic to be used as raw

material to a producer, not having valid registration from the concerned State Pollution Control Boards or Pollution Control Committee;

- f) sachets using plastic material shall not be used for storing, packing or selling gutkha, tobacco and pan masala;
- g) recycled carry bags shall conform to the Indian Standard: IS 14534:1998 titled as Guidelines for Recycling of Plastics, as amended from time to time;
- h) carry bags made from compostable plastics shall conform to the Indian Standard: IS/ISO 17088:2008 titled as Specifications for Compostable Plastics, as amended from time to time; and
- i) plastic material, in any form, shall not be used in any package for packaging gutkha, pan masala and tobacco in all forms.

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

- a. Wet bio-degradable waste, dry recyclable and combustible wastes and domestic hazardous wastes shall be segregated at source in accordance with the Solid Waste Management Rules, 2015.
- b. 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.

(2) Urban local bodies shall encourage the use of plastic waste by adopting suitable technology such as in road construction, for energy recovery, etc. in compliance with the standards and pollution control norms specified by the prescribed authority in this regard.

(3) Processing and disposal of plastic including thermo-set plastic shall be as per the guidelines issued by the Central Pollution Control Board from time to time.

- (4) The inert from recycling or processing facilities of plastic waste shall be disposed of in compliance with the Solid Waste Management Rules, 2015.

6. Responsibility of urban local body.-

- (1) Every urban 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.
- (2) The urban 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;
 - (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 urban local body for setting up of system for plastic waste 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.

7. Responsibility of Gram Panchayat.-

- (1) Every gram panchayat 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, processing and disposal of plastic waste;
- (b) ensuring that no damage is caused to the environment during this process;
- (c) ensuring channelization of recyclable plastic waste fraction to recyclers having valid registration;
- (d) creating awareness among all stakeholders about their responsibilities; and
- (e) ensuring that open burning of plastic waste does not take place

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, 2015;
- (b) not litter the plastic waste and ensure segregated storage of waste at source and handover segregated waste to 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 Solid Waste Management Rules, 2015 and handover segregated wastes to authorized waste processing or disposal facilities or deposition centres 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 urban 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 Solid Waste Management Rules, 2015

9. Responsibility of producers.-

- (1) The producers, within a period of six months from the date of publication of these rules, shall work out modalities for waste collection system based on Extended Producers Responsibility and involving State Urban Development Departments, either individually or collectively, through their own distribution channel or through the urban local body concerned.

- (2) The producer, within a period of three years from the date of final publication of these rules, shall stop use of multilayered packaging and switch over to use of plastic which is recyclable or compostable, for packaging commodity.
- (3) 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 Pollution Control Board or the Pollution Control Committee, as the case may be, of the States or the Union Territories concerned, for grant of registration.
- (4) No producer shall on and after the expiry of a period of one year 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 the concerned State Pollution Control Board or the Pollution Control Committees.
- (5) 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 plastic materials.- 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 to these rules.

11. Marking or labelling.-

- (1) Each plastic carry bag and multilayered packaging shall have the following information printed in English and in language being used in the State or the Union Territory, namely:-
 - (a) name, registration number of the manufacturer and thickness in case of carry bag; and
 - (b) name and registration number of the manufacturer in case of multilayered packaging.

- (2) Each recycled carry bag shall bear a label or a mark "recycled" as shown below and shall conform to the Indian Standard: IS 14534: 1998 titled as "Guidelines for Recycling of Plastics", as amended from time to time;



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 terephthalate) etc.

- (3) Each carry bag made from compostable plastics shall bear a label "compostable" and shall conform to the Indian Standard : IS/ISO 17088:2008 titled as Specifications for "Compostable Plastics".

12. Prescribed authority.-

- (1) The 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, 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, 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. .

- (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 the State Pollution Control Board or the Pollution Control Committee of the Union Territory concerned, as the case may be, prior to the commencement of production;
- (2) Every producer shall , for the purpose of registration or for renewal of registration, make an application to the State Pollution Control Board or the Pollution Control Committee of the Union territory concerned, in Form I
- (3) Every person recycling or processing waste or proposing to recycle or process plastic waste shall make an application to the 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.
- (4) Every manufacturer engaged in manufacturer of plastic to be used as raw material by the producer shall make an application to the State Pollution Control Board or the Pollution Control Committee of the Union territory concerned, for the grant of registration or for the renewal of registration, in Form III.
- (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) alongwith a certificate of registration issued by the District Industries Centre or any other Government agency authorised in this regard.
- (6) The State Pollution Control Board or the Pollution Control Committee shall not renew registration of producer unless the producer possesses and action plan endorsed by the

Secretary in charge of Urban Development of the concerned State or Union Territory for setting of plastic waste management system.

- (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.
- (8) Every State Pollution Control Board or Pollution Control Committee shall take a decision on the grant of registration within ninety days of receipt of an application which is complete in all respects.
- (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 urban local bodies.

15. Explicit pricing of carry bags.-

- 1) No carry bags shall be made available free of cost by retailers to consumers.
- 2) The concerned urban local body may by notification determine the minimum price for carry bags depending upon their quality and size which covers their material and waste management costs in order to encourage their re-use so as to minimize plastic waste generation.
- 3) The urban local body by notification determine the manner of depositing with it the payment made by the customers to the retailers for carry bags under sub-rule (2).
- 4) The urban 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 Advisory Body.-

- (1) the State government or the union Territory shall, for the purpose of effective monitoring of implementation of these rules, constitute a State Level Advisory Committee consisting of the following persons, namely:-

- | | |
|-------------------------------------------------------------------------------------|--------------|
| (a) the Secretary, Department of Urban Development | - Chairman |
| (b) one expert from State Department of Environment | - Member |
| (c) one expert from State Pollution Control Board or
Pollution Control Committee | - Member |
| (d) one expert from Urban Local Body | - Member |
| (e) one expert from Non-Governmental Organisation | - Member |
| (f) one expert from the field of Industry | - Member and |
| (g) one expert from the field of academic institution | - Member |

- (2) The State Level Advisory Body shall meet at least once in a year and may invite experts, if it considers necessary.

17. Annual reports.-

- (1) Every person engaged in recycling or processing of plastic waste shall prepare and submit an annual report in Form-IV to the urban local body concerned under intimation to the concerned State Pollution Control Board or Pollution Control Committee by the 30th day of April of every year.
- (2) Every urban local body shall prepare and submit an annual report in Form –V to the concerned Secretary-in-charge of the Urban Development Department under intimation to the concerned State Pollution Control Board or Pollution Control Committee by the 30th day of July of every year.
- (3) Each State Pollution Control Board or Pollution Control Committee shall prepare and submit an annual report to the Central Pollution Control Board on the implementation of these rules by the 30th day of September of every year.
- (4) The Central Pollution Control Board shall prepare a consolidated annual report on the use and management of plastic waste and forward it to the Central Government along with its recommendations before the 30th day of December every year.

[F. No. 17-2/2001-HSMD]

Bishwanath Sinha
Joint Secretary

Schedule-I*[See rule 10]*

1.	IS/ISO 14851: 1999 Determination of the ultimate aerobic biodegradability of plastic materials in an aqueous medium-Method by measuring the oxygen demand in a closed Respirometer
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: 2005 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: 2005 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: 2007 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: 2004 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: 2002 Plastics- Determination of degree of disintegration of plastic materials under defined composting conditions in a pilot - scale test
8.	IS/ISO 17556: 2003 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 20200:2004 Plastics- Determination of degree of disintegration of plastic materials under simulated composting conditions in a laboratory - scale test

FORM - I*[See rules 13 (2)]***APPLICATION FOR REGISTRATION FOR PRODUCERS**

From:

.....

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

To

The Member Secretary,

..... Pollution Control Board/Pollution Control Committee

.....

.....

Sir,

I/We hereby apply for registration under rule 9 of the Plastic Waste Management Rules, 2015

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: (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 DIC/DCSSI of the State Government/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.	Minimum sizes and thickness of carry bags to be manufactured	
7.	Status of compliance with these rules	
PART – B		
PERTAINING TO LIQUID EFFLUENT AND GASEOUS EMISSIONS		
8.	(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		
9.	Solid Wastes: (a) Total quantum of waste generated (b) Mode of storage within the plant (c) Provision made for disposal of wastes	
10.	Attach/ Provide list of person supplying plastic to be used as raw material to manufacture carry bags or plastic sheet of like or multilayered packaging	

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 Commissioned			
4.	No. of workers (including contract labour)			
5.	Consents Validity	a. Water (Prevention & Control of Pollution) Act, 1974; Valid up to _____ b. Air (Prevention & Control of Pollution) Act, 1981; Valid up to _____		
6.	Authorization validity			
7.	Manufacturing Process	Please attach a flow diagram of the manufacturing process flow diagram for each product.		
8.	Products and installed capacity of production (MTA)	Products	Installed capacity	
9.	Products manufactured during the last three years	Year	Product	Quantity

	(as applicable)			
10.	Raw material consumed during the last three years (as applicable)	Year	Product	Quantity
11.	Water consumption	Industrial _____m ³ /day Domestic_____m ³ / day		
	Date until which water cess has been paid (if applicable)			
	Waste water generation as per consent _____m ³ /day	Actual waste water generated (average of last 3 months) Industrial _____m ³ /day Domestic _____m ³ /day		
	Waste water treatment (provide flow diagram of the treatment scheme)	Industrial Domestic		
	Waste water discharge	Quantity _____m ³ /day Location _____ Analysis of treated waste water for pH, BOD, COD, SS, O&G, any other parameter stipulated by SPCB/PCC (attach details)		
12.	Air Pollution Control			
	a. Provide a flow diagram for emission control system(s) installed for each processing unit, utilities etc.			
	b. Details for facilities provided for control of fugitive emissions due to material handling, process, utilities etc.			
	c. Fuel consumption	Fuel	Qty per day/month	
		(i)		
	(ii)			
d. Stack emission monitoring	Stack attached to	Emission (SPM, SO ₂ , NO _x , etc.) mg/Nm ³		

		(i)			
		(ii)			
	e. Ambient air quality	Location Results $\mu\text{g}/\text{m}^3$	Parameters SPM, SO ₂ , NOx, etc.) $\mu\text{g}/\text{m}^3$		
		(i)			
		(ii)			
13.	Waste Management:	S No	Type	Category	Qty.
	a. Waste generation in processing plastic-waste	(i)			
		(ii)			
		(iii)			
	b. Waste Collection and transportation (attach details)				
	c. Waste Disposal details	S No	Type	Category	Qty
		(i)			
		(ii)			
	d. Provide details of the disposal facility, whether the facility is authorized by SPCB/SPCC				
	e. Please attach analysis report of characterization of waste generated (including leachate test if applicable)				
14.	Details of plastic waste proposed to be acquired through sale, auction, contract or import, as the case may be, for use as raw material	(i) Name (ii) Quantity required /year			
15.	Occupational safety and health aspects	Please provide details of facilities			
16.	Remarks:				
	Whether the unit has adequate pollution control systems / equipment to meet the standards of emission /	If Yes, please furnish details			

	effluent.	
	Whether unit is in compliance with conditions laid down in the said rules.	Yes/No
	Whether conditions exist or are likely to exist of the material being handled / 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 / processed by any means capable of yielding another material (e.g. leachate) which may possess eco-toxicity.	Yes/No
17.	Any other relevant information	
18.	List of enclosures as per rule	

Name and Signature

Designation

Date :

Place :

FORM - III*[See rules 13(4)]***APPLICATION FOR REGISTRATION FOR MANUFACTURERS**

From:

.....

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

To

The Member Secretary,

..... Pollution Control Board/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)	Registration required for manufacturing and supply of raw material to be used by producers :	
(d)	Manufacturing capacity	
(e)	In case of renewal, previous registration number and date of registration	
2.	Is the unit registered with the DIC/DCSSI of the State Government/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 of producers and quantum of raw materials supplied to producers	
7.	Status of compliance with these rules	
Date :		Name and Signature
Place :		Designation

Form - IV*[See rules 17 (1)]***Format of Annual Report by Operator of Facility to the Urban Local Body****Period of Reporting:**

(1)	Name of the City/Town and State:	
(2)	Population	
(3)	Area in sq. kilometers	
(4)	Number of wards covered	
(5)	Name & Address of the Urban local body (Telephone/Fax/ E-mail)	
(6)	Name and Address of operator of the facility	
(7)	Name of officer in-charge of the facility (Telephone/Fax/Mobile/ E-mail)	
(8)	Capacity:	
(9)	Technologies used for management of plastic waste:	
(10)	Quantity of plastic waste received during the year being reported upon	
(11)	Quantity of plastic waste processed (in tons): - Plastic waste recycled(in tons)	

	- Plastic waste processed (in tons) - Used (in tons)	
(12)	Quantity of inert/ rejects sent for final disposal to landfill sites:	
(13)	Details of land fill facility to which inert/ rejects were sent for final disposal: - Address -Telephone	
(14)	Attach status of compliance to environmental conditions, if any specified during grant of Consent or registration	

Signature of Operator

Dated :

Place:

Form - V*[See rules 17(2)]***FORMAT FOR ANNUAL REPORT ON PLASTIC WASTE MANAGEMENT TO BE
SUBMITTED BY THE URBAN LOCAL BODY****Period of Reporting:**

(1)	Name of the City/Town and State:	
(2)	Population	
(3)	Area in sq. kilometers	
(4)	Name & Address of Urban local body Telephone No. Fax No. E-mail:	
(5)	Total Numbers of the wards in the area under jurisdiction	
(6)	Quantity of Plastic Waste collected during the year from area under jurisdiction (in tons)	
(7)	Quantity of plastic waste channelized for recycling during the year (in tons)	
(8)	Quantity of plastic waste channelized for processing during the year (in tons)	
(9)	Quantity of plastic waste channelized for use during the year (in tons)	
(10)	Quantity of inert/rejects sent to landfill sites during the year (in tons)	
(11)	Details of each of facilities used for processing and disposal of plastic waste Facility-I i) Name of operator ii) Address with Telephone Number/ Mobile iii) Capacity iv) Technology Used	

	v) Registration Number vi) Validity of Registration (up to) Facility-II i) Name of operator ii) Address with Telephone Number/ Mobile iii) Capacity iv) Technology Used v) Registration Number vi) Validity of Registration (up to)	
(12)	Total Numbers of Households in the area under jurisdiction	
(13)	Number of households covered by door to door collection	
(14)	Total number of commercial establishments and Institutions in the area under jurisdiction -Commercial establishments - Institutions	
(15)	Number of commercial establishments and Institutions covered by door to door collection -Commercial establishments - Institutions	
(16)	Summary of the mechanisms put in place for management of plastic waste in the area under jurisdiction along with the details of agencies involved in door to door collection	
(17)	Attach details of infrastructure put in place for management of plastic waste generated in the area under jurisdiction	
(18)	Attach details of infrastructure required, if any along with justification	
(19)	Number of slums identified in the area under jurisdiction	
(20)	Number of slums provided with Waste	

	Management facilities:	
(21)	Give details of: Urban local body's own manpower deployed for collection including street sweeping, secondary storage, transportation, processing and disposal of waste.	
(22)	Give details of: Contractor/ concessionaire's manpower deployed for collection including street sweeping, secondary storage, transportation, processing and disposal of waste.	
(23)	Mention briefly, the difficulties being experienced by the urban local body in complying with provisions of these rules including the financial constrains, if any	
(24)	Whether an Action Plan has been prepared for improving solid waste management practices in the city? If yes (attach copy) Date of revision:	

Signature of CEO/Municipal Commissioner/
Executive Officer/Chief Officer

Date:

Place: