

ANNEXURE

[See rule 7]

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 – 1

[See rules 9]

**APPLICATION FOR REGISTRATION OF A UNIT FOR THE MANUFACTURE
OF PLASTIC CARRY BAGS AND MULTILAYERED PLASTICS**

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 and Handling) Rules, 2011.

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 of 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	
Name and signature		
Designation		
Date :		
Place:		

FORM-2

[See rule 9]

APPLICATION FORM FOR REGISTRATION OF FACILITIES POSSESSING ENVIRONMENTALLY SOUND MANAGEMENT PRACTICES FOR RECYCLING 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 and Control of Pollution) Act, 1974; Valid up to _____ b. Air (Prevention and 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 (as applicable)	Year	Product	Quantity
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	<table border="1"> <thead> <tr> <th>Fuel</th> <th>Qty per day/month</th> </tr> </thead> <tbody> <tr> <td>(i)</td> <td></td> </tr> <tr> <td>(ii)</td> <td></td> </tr> </tbody> </table>	Fuel	Qty per day/month	(i)		(ii)	
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	d. Stack emission monitoring	<table border="1"> <thead> <tr> <th>Stack attached to</th> <th>Emission (SPM, SO₂, NO_x, etc.) mg/Nm³</th> </tr> </thead> <tbody> <tr> <td>(i)</td> <td></td> </tr> <tr> <td>(ii)</td> <td></td> </tr> </tbody> </table>	Stack attached to	Emission (SPM, SO ₂ , NO _x , etc.) mg/Nm ³	(i)		(ii)	
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	e. Ambient air quality	<table border="1"> <thead> <tr> <th>Location Results µg/m³</th> <th>Parameters SPM, SO₂, NO_x, etc.) µg/m³</th> </tr> </thead> <tbody> <tr> <td>(i)</td> <td></td> </tr> <tr> <td>(ii)</td> <td></td> </tr> </tbody> </table>	Location Results µg/m ³	Parameters SPM, SO ₂ , NO _x , etc.) µg/m ³	(i)		(ii)	
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(i)								
(ii)								

13.	Waste Management:	Sl 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	Sl 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/effluent.	If yes, please furnish details			
	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	Yes/No			

	being handled/processed posing adverse immediate or delayed impacts on the environment.	
	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	
Date :		Name and signature
Place:		Designation