

Various provisions under the Plastic Waste (Management & Handling) Rules, 2011.

The Ministry of Environment and Forests, Govt. of India issued a Notification No. S.O. 249(E) dated 4th February 2011 in supersession of the Recycled Plastics Manufacture & Usages (Amendment) Rules, 1999 and notified the Plastic Waste (Management & Handling) Rules, 2011.

- **Prescribed Authority :-**

- (a) for enforcement of the provisions of these rules related to authorization, manufacture, recycling and disposal shall be State Pollution Control Board and Pollution Control Committee in respect of Union Territory.
- (b) for enforcement of the provisions of these rules relating to the use, collection, segregation, transportation and disposal of post consumer plastic waste shall be the concerned municipal authority"

- **Plastic Waste Management :-**

The plastic waste management shall be as under :-

- (a) recycling, recovery or disposal of plastic waste shall be carried out as per the rules, regulations and standards stipulated by the Central Government from time to time;
- (b) recycling of plastics shall be carried out in accordance with the Indian Standard IS 14534: 1998 titled as Guidelines for Recycling of Plastics, as amended from time to time;
- (c) the municipal authority shall be responsible for setting up, operationalisation and co-ordination of the waste management system and for performing the associated function, namely:- (i) to ensure safe collection , storage, segregation, transportation, processing and disposal of plastic waste; (ii) to ensure that no damage is caused to the environment during this process; (iii) to ensure setting up of collection centres for plastic

- waste involving manufactures; (iv) to ensure its chanelisation to recycles; (v) to create awareness among all stakeholders about their responsibilities; (vi) to engage agencies or groups working in waste management including waste pickers, and (vii) to ensure that open burning of plastic waste is not permitted;
- (d) for setting up plastic waste collection centres, the municipal authority may ask the manufacturers, either collectively or individually in line with the principle of Extended Producer's Responsibility (EPR) to provide the required finance to establish such collection centre;
 - (e) recycler shall ensure that recycling facilities are in accordance with the Indian Standard: IS 14534: 1998 titled as Guidelines for Recycling of Plastics and in compliance with the rules under the Environment (Protection) Act, 1986 as amended from time to time;
 - (f) the concerned municipal authority shall ensure that the residues generated from recycling processes are disposed of in compliance with Schedule II (Management of Municipal Solid Waste) and Schedule III (Specification for Land fill Sites) of the Municipal Solid Wastes (Management and Handling) Rules , 2000 made under the Environment (Protection) Act, 1986 as amended from time to time;
 - (g) the municipal authority shall incorporate the said rules in the Municipal bye laws of all the Urban Local Bodies;
 - (h) the municipal authority shall encourage the use of plastic waste by adopting suitable technology such as in road construction, co-incineration etc. The municipal authority or the operator intending to use such technology shall ensure the compliance with the prescribed standard including pollution control norms prescribed by the competent authority in this regard.

- **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 the Annexure to these rules.

- **Marking or Labelling:**

- (a) each plastic carry bag and multilayered plastic pouch or sachet shall have the following information printed in English or in local language, namely:-
 - (i) name, registration number of manufacturer and thickness in case of carry bag.
 - (ii) name and registration number of the manufacturer in case of multilayered plastic pouch or sachet.
- (b) 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;
- (c) 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;
- (d) retailers shall ensure that plastic carry bags and multilayered plastic pouch or sachet sold by them are properly labelled as per stipulations under these rules.

- **Registration of Manufacturers and Recyclers :**

- (a) any person manufacturing / recycling or proposing to manufacture / recycle plastic carry bags, multilayered plastic pouch or sachet shall apply to the State Pollution Control Board (SPCB) or Pollution Control Committee (PCC) of the Union territory concerned for the grant of registration or for the renewal of registration for the manufacturing unit using Form-1/Form-2 appended to these rules;

- (b) no person shall manufacture plastic carry bags, multilayered plastic pouch or sachet or recycle plastic carry bags or multilayered plastic pouch or sachet or any plastic waste without obtaining registration certificate from the State Pollution Control Board or Pollution Control Committee, as the case may be, prior to the commencement of its production;
- (c) every application for renewal of registration shall be made at least ninety days before the expiry of the validity of the registration certificate.

- **Explicit pricing of carry bags:-**

No carry bags shall be made available free of cost by retailers to consumers. The concerned municipal authority 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.