

केन्द्रीय प्रदूषण नियंत्रण बोर्ड CENTRAL POLLUTION CONTROL BOARD

पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय भारत सरकार MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE GOVT. OF INDIA

Certificate No.: CPCB/HI TECH INTERNATIONAL/Haryana/305

Dated:- 01.02.2023

To,

M/s HI TECH INTERNATIONAL PLOT NO 18, SECTOR-06, IMT MANESAR, GURUGRAM, HARYANA

Sub: Provisional Certificate to manufacturer for Manufacturing / Selling of Compostable Carry Bags & Commodities.

With reference to the application no. HI TECH INTERNATIONAL/Haryana/305 dated 30 Jan 2023 this is to certify that M/s. HI TECH INTERNATIONAL plant located at PLOT NO 18, SECTOR-06, IMT MANESAR, GURUGRAM, HARYANA is fulfilling the criteria as per revised Standard Operating Procedure (SOP) for issuing certificate as per the provisions '4(h)'&'11(c)' of Plastic Waste Management Rules, 2018, for manufacturing and selling of compostable carry bags and commodities in Indian Market as 'MANUFACTURER'.

Certificate for manufacturing and selling of compostable plastic bags in Indian market is hereby issued to HI TECH INTERNATIONAL plant located at PLOT NO 18, SECTOR-06, IMT MANESAR, GURUGRAM, HARYANA as 'MANUFACTURER' with the following conditions:

- The end product "Compostable plastic and commodities" shall be manufactured using the raw materials "PLA" and following the production process (Annexure-I)
- ii. Each carrybags and commodities made from compostable material or plastic shall bear a label "COMPOSTABLE" IS/ISO:17088 titled as Specifications for "Compostable Plastic" in English & regional language. Each carrybags and commodities shall also have printed code and Certificate Number of "MANUFACTURER" as given above.
- iii. The manufacturer shall generate QR code based on the details (Name, plant address, CPCB certificate no. etc.) provided in the certificate issued by CPCB and QR code shall be provided on each of the carry bags and commodities manufactured at the certified unit. The "verifiable" details of the QR code shall be shared with the SPCB/PCC/CPCB within one month of issue of this Certificate.
- iv. The Manufacturer shall provide six-monthly report giving details of raw material procurement and product sale to SPCB/PCC/CPCB as per the prescribed format.
- v. The "Manufacturer" shall comply with provisions of PWM Rules/ Guidelines issued from time to time by the Ministry of Environment, Forest & Climate Change or Central Pollution Control Board.

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- vi. If the certified Manufacturer is found non-complying with the provisions of the PWM Rules, 2018, the Certificate shall stand cancelled.
- vii. The manufacturer shall submit the complete test report of the sample, including seed germination and heavy metal analysis test (after 180 days) as per Indian Standard IS/ISO:17088 (as amended time to time) from CIPET or any other CPCB recognized Government laboratory having adequate testing facility for issuing Final Certificate, failing which, the Provisional Certificate shall stand cancelled.
- viii. The provisional certificate is valid for a period of six months from the date of issue of certificate by CPCB extendable by six months subject to the condition that the reasons for seeking extension as cited by the manufacturer are found valid by CPCB

विद्या सिन्हा / Diwa Sinha
वैज्ञानिक "ई" / Scia Divya Sinha)
के द्वीय प्रवृद्ध प्रमुख्य प्रिक्टीय प्रवृद्ध प्रमुख्य प्रिक्टीय प्रवृद्ध प्रमुख्य प्रिक्टीय प्रवृद्ध प्रमुख्य प्रविवर्ग पर्यावरण, वन एवं जलवायु परिवर्गन मंत्रालय, भारत सरकार Mo Envt. Forest & Climate Change, Govt. of India परिवेश भवन, पूर्वी अर्जुन नगर, विस्ली—110 032
Parivesh Bhawan, East Frun Nagar, Delhi-110032



PROCESS FLOW CHART - MANUFACTURING OF DR BIO STRAW

1. Raw Material (PLA Granules) are fed into the barrel of the extrusion

The screw Rotate in the barrel and heat up the material.

 Molten Material exiting the die and gets cooled and turns in the shape of Straw.

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The straw is the sent either to bending machine or cutting machine

 The Single Straw packaging machine automatically packs the each straw in packing material like paper

Inspection and dispatch the material

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दिव्या सिन्हा / Divya Sinna वंज्ञानिक "ई" / Scientist "है" वेज्ञीस प्रदूषण नियंत्रण लोर्ड प्राथा. Pollution Control Board पर सल्या परिवर्गन मंत्राला ज्ञाल संस्कृति