

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/Suhasini Enterprises/Maharashtra/161

Dated:- 14.07.2022

To, M/s Suhasini Enterprises Gut No 193, Jalna - Aurangabad Highway, near A P Patel Petrol Pump, Village Dawalwadi, Tq Badnapur, Dist Jalna 431203

Sub: <u>Provisional Certificate to manufacturer for Manufacturing / Selling of Compostable Carry Bags</u>

With reference to the application no. Suhasini Enterprises/Maharashtra/161 dated 14 Jul 2022 this is to certify that M/s. Suhasini Enterprises plant located at Gut No 193, Jalna - Aurangabad Highway, near A P Patel Petrol Pump, Village Dawalwadi, Tq Badnapur, Dist Jalna 431203 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 in Indian Market as 'MANUFACTURER'

Certificate for manufacturing and selling of compostable plastic bags in Indian market is hereby issued to M/s Suhasini Enterprises plant located at Gut No 193, Jalna - Aurangabad Highway, near A P Patel Petrol Pump, Village Dawalwadi, Tq Badnapur, Dist Jalna 431203 as 'MANUFACTURER' with the following conditions:

- i. The end product "Compostable plastics & commodities" shall be manufactured using the raw materials "Compostable starch granules, Compostable starch granules,PLA,PBAT" and following the production process (Annexure-I)
- ii. Each carrybag 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 carrybag 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 bag 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. The manufacturer shall manufacture/sell the compostable carrybags only after they obtain a valid Registration for manufacturing of Compostable carrybags from concerned SPCB/PCC. The Registration should be submitted to CPCB within 03 months of issue of the Certificate by CPCB, failing which the Certificate shall stand cancelled.
- vii. If the certified Manufacturer is found non-complying with the provisions of the PWM Rules, 2018, the Certificate shall stand cancelled.
- viii. 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.
 - ix. 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 / Divya Sinha वैज्ञानिक "ई" / Sciente Divya Sinha) केंद्रीय प्रदूषण नियुक्त किंद्रीट ।। CeAddaitional to Perfect Board पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार Mo Envt. Forest & Climate Change, Govt. of India परिवेश भवन, पूर्वी अर्जुन नगर, दिल्ली—110 032 Parivesh Bhawan, Fast Cour Vagar Delocat 10032

Suhasini Enterprises

Patel Building, Station Road, JALNA. Ph.: 232036

Ref.

Date: 30/5/2022

Manufacturing Flow Chart

Blend of Starch based Poly Lactic Acid (PLA), Poly Butyelene Adipate Co-Terephthalate (PBAT),Raw Material Pallets are Filled in the Extruder Hopper

Raw Matrial Pallets are Heated

Compostable Plastic Film is formed through Die Head

Film Air Cooled

Compostable Plastic film is rolled on a roller with adjustable speed for proper coil

Coil is loaded on printer for Printing

Coil is loaded on cutting and sealing machine for Compostable plastic bag making (Shopping Bags, nursery bags, Garbage bags, liners)

Compostable Plastic Bags are packed for despatch

Suhasim Enterprises
Patel Building, Station Road
JALNA-431 203

विद्या सिन्हां / Divya Sinha वैज्ञाणिक भेट Ascientist "E" प्रमेख्या नियंत्रणा Central Pollution Control F पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय Wo Envt. Forest & Climate Change परिवेश भवन, पूर्वी अर्जुन नगर, र्न Parivesh Bhawan, East Arjun Na