





कन्द्रीय 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-UPC-II/TGP BIOPLASTICS PVT LTD/ Maharashtra/376

Dated: 03.01.2024

To.

M/s TGP Bioplastics Pvt Ltd 49/54, Rajarambapu Institute Of Technology, Block Sector:Sakharale, Road: Rajaramnagar,Islampur, Tal. Walwa, Dist. Sangli 415 414, Maharashtra

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

With reference to the application no. TGP BIOPLASTICS PVT LTD/Maharashtra/376 dated 03 Jan 2024 this is to certify that M/s TGP BIOPLASTICS PVT LTD plant located at TGP Bioplastics Pvt Ltd. 49/54, Rajarambapu Institute of technology, Block Sector:Sakharale, Road: Rajaramnagar, Islampur, Sangli, Maharashtra Tal. Walwa, Dist. Sangli 415 414 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 and commodities in Indian market is hereby issued to M/s TGP BIOPLASTICS PVT LTD plant located at TGP Bioplastics Pvt Ltd. 49/54, Rajarambapu Institute of technology, Block Sector:Sakharale, Road: Rajaramnagar, Islampur, Sangli, Maharashtra Tal. Walwa, Dist. Sangli 415 414 as 'MANUFACTURER' with the following conditions:

- The end product "Compostable plastics" shall be manufactured using the raw materials i. "Compostable starch granules, PBAT, Other" and following the production process (Annexure I).
- Each carrybag 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 carrybag and commodities shall also have printed code and Certificate Number of "MANUFACTURER"
- The manufacturer shall generate QR code based on the details (Name, plant address, iii. CPCB certificate no. etc.) provided in the certificate issued by CPCB and QR code shall be provided on each of the carry bag and commodities manufactured at the certified unit. The "verifiable" details of the QR code shall be shared with the SPCB/PCC/CPCB within विव्या सिन्हा / Divya Sinh one month of issue of this Certificate.

TO | Scientist

al Pollution Control Board

Change, Govt. of India)

Contd....2

जारपाठा । जारपाठा व्यवस्थित संस्कार) जिल्लामु परिवर्तन मंत्रालय, भारत सरकार) 'परिवेश भवन' पद्यी अर्जुन नगर, दिल्ली-110032

Parivesh Bhawan, East Arjun Nagar, Delhi-110032

दूरभाष/Tel: 43102030, 22305792,वेबसाईट/Website: www.cpcb.nic.in

- iv. This certificate issued by CPCB shall not require renewal. However, a fresh application shall be filed with CPCB for grant of certificate, in case there is any change in raw material/ production process or product.
- v. 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.
- vi. 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.
- vii. If the certified Manufacturer is found non-complying with the provisions of the PWM Rules, 2018, the Certificate shall stand cancelled

(Divya Sinha) Director & I/c UPC-II

दिव्या सिन्हा / Divya Sinha
वैज्ञानिक 'एफ' / Scientist 'F'
केन्द्रीय प्रदूषण नियंत्रण बोर्ड
Central Pollution Control Board
(पर्यावरण, वन एवं धनवानु परिवर्तन मंत्रासव, बास्त वरकार)
Mo Environment, Forest & Climate Change, Govt. of India)
परिवेश मवन, पूर्वी अर्जुन नगर, दिल्ली-110032

TGP Bioplastics- Process Flow diagram

Finally the film is formed into end products such as compostable extruder granules nursery bags and compostable garbage bags Film air cooled and rolled on roller The compostable plastics film is formed through the die head then in high speed mixer Starch, PBAT and glycerine is blended in ribbon blender first and Formed mixture is fed into Twin screw extruder The granules then heated up and fed into hopper of blown film After extruding this mixture formed into strands cooled and cut into Paral Pollution Control Board Pollution Control Board प्रावित्या, क्ल एवं प्रत्याय परिवर्तन मंत्रावय, अस्त सरकार) No Environment, Forest & Climate Change, Govt. or India

School Styling | 1999 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 | 1995 |