



Certificate No. - **CPCB-UPC-II/Shakthicups/Tamil Nadu/120**

Dated: 06.07.2023

To,

M/s Shakthicups

S.F. No. 1321/1 to 7 Part, Erode Village,
D. No. 54 Kalyanasundaram Street, Vendipalayam,
Erode Taluk, Erode District - 638002

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

With reference to the application no. **Shakthicups/Tamil Nadu/120** dated **06 Jul 2023** this is to certify that **M/s Shakthicups** plant located at **S.F. No. 1321/1 to 7 Part, Erode Village, D. No. 54 Kalyanasundaram Street, Vendipalayam, Erode Taluk, Erode District - 638002** 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 and commodities in Indian market is hereby issued to **M/s Shakthicups** plant located at **S.F. No. 1321/1 to 7 Part, Erode Village, D. No. 54 Kalyanasundaram Street, Vendipalayam, Erode Taluk, Erode District - 638002** as '**MANUFACTURER**' with the following conditions:

- i. The end product "**Compostable plastic and commodities**" shall be manufactured using the raw materials "**PLA, PBAT**" and following the production process (**Annexure I**).
- ii. 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**"
- 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 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. 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.

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'परिवेश भवन' पर्वी अर्जुन नगर, दिल्ली-110032

Parivesh Bhawan, East Arjun Nagar, Delhi-110032

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

- 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'
केंद्रीय प्रदूषण नियंत्रण बोर्ड
Central Pollution Control Board
(पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार)
(Mo Environment, Forest & Climate Change, Govt. of India)
परिवेश भवन, पूर्वी अर्जुन नगर, दिल्ली-110032
Parivesh Bhawan, East Arjun Nagar, Delhi-110032

Compostable Cup manufacturing process at Shakthi cups:

The paper cups are produced from virgin paperboard to guarantee food safety. The paper board we use for paper cups and paper tubs is always traceable and come from only certified and sustainable managed forests. The Compostable cups Raw material supplied in the name of OMEGA BEV from ITC Speciality Paper and Paper Board Division, Hyderabad is the only certified compostable paperboard supplier in South India. Shakthi cups tie up with ITC Speciality Paper Board division to cater the compostable paper cups to AAVIN, Tamilnadu Government Co operative Milk society, Chennai through Arma Bio Plast and various corporate client.

The disposable cups are made from a compostable paper cup forming machine imported from china and korea. First process the shakthi cups order the compostable paper board to ITC 45 days prior to the production process as per the agreement terms. The papers are received form the reel format and it was processed the following processing method.

Compostable Reels to Sheeting/ Slitting Process which is first printed or non printed and then cut into small pieces which are fed in to the machine and go through a series of processes to produce a paper cup as the final product which may be used in different places like hospitals, catering purposes.

Production Flow chart of manufacturing process and wastage processing.

1. Reels to Sheeting - The paper reel plastic wrap goes to Scarp Dealers to Recycle
2. Reels to Printing - Wastage of paper 1% and goes to Recycle to Scarp Dealer to Paper mills
Plastic Buckets of Inks which is reusable by our employees and sold to Scrap dealers
3. Slitting - Big reel silted into small Reel = No wastage /by products
4. Punching of papers - Wastage of paper 12% which is send to Scarp Dealer to Paper Mills for Recycle
5. Paper Cup Forming - Wastage 2% which is also goes to Scarp Dealer to Paper mills
6. Quality Check - Leak test, Counting wastages 1% goes to Scarp Dealer to Paper mills

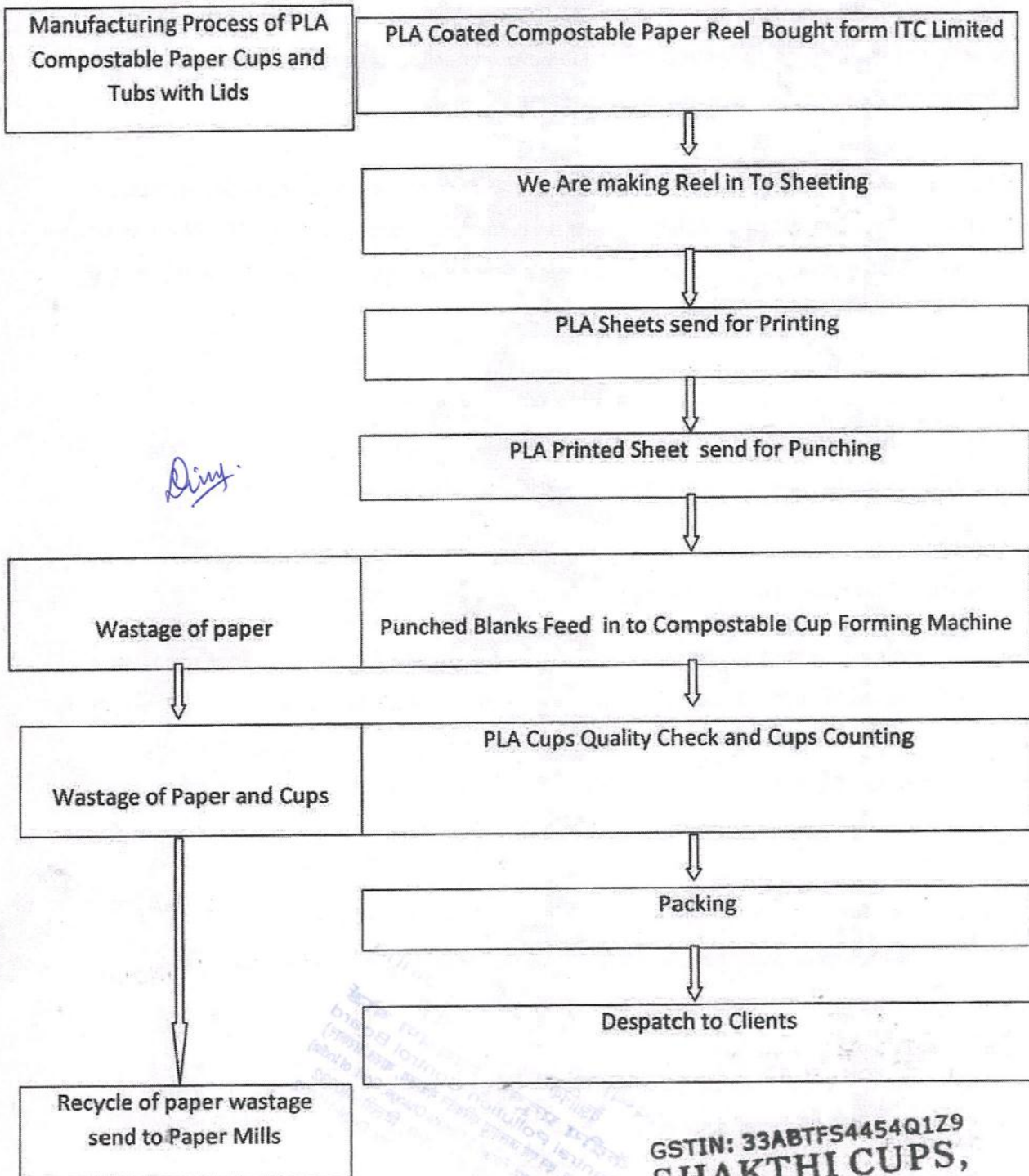
No Discharge of Water, No Air pollution, No Sound Pollution. Water requirements need only employee's sanitation and hygiene purpose

Divya Srinivas / Scientist F
Central Pollution Control Board
पर्यावरण, वन एवं जलवायु परिवर्तन विभाग, भारत सरकार
No Environment, Forest & Climate Change, Govt. of India
परिवेश भवन, पृथ्वी अर्जुन नगर, दिल्ली-110022
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PLA Coated Compostable Paper Cups and Paper Tubs with Lid Processing Chart

Manufacturing Process



GSTIN: 33ABTFS4454Q1Z9
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181, Srinivasa Rao Street,
Vendipalayam, ERODE - 638 002.

