

CPCB MANUFACTURER CERTIFICATE



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-UPC-II/M/s SURUCHI INDUSTRIES/Haryana/454** Dated: 18.09.2023

To,

M/s Suruchi Industries
V.P.O. Pansara, Yamunanagar

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

With reference to the application no. **M/s SURUCHI INDUSTRIES/Haryana/454** dated 18 Sep 2023 this is to certify that **M/s Suruchi Industries** plant located at V.P.O. **Pansara, Yamunanagar** 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 Suruchi Industries** plant located at V.P.O. **Pansara, Yamunanagar** as '**MANUFACTURER**' with the following conditions:

- i. The end product "**Compostable plastics**" shall be manufactured using the raw materials "**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.

dry

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- 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

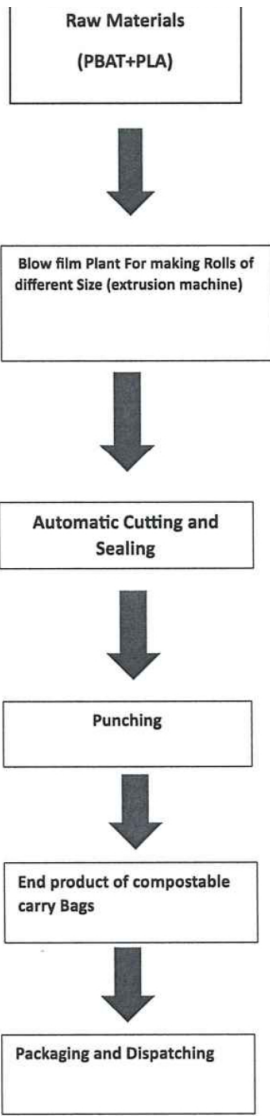


(Divya Sinha)
Director & I/c UPC-II

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Central Pollution Control Board
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Annexure -D

M/s SURUCHI INDUSTRIES
V.P.O PANSARA, YAMUNANAGAR



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Dy

CIPET REPORT

<p>सिपेट : पेट्रोकेमिकल्स तकनीकी संस्थान (आई.पी.टी.) (पूर्व में केंद्रीय प्लास्टिक्स इंजीनियरिंग एवं तकनीकी संस्थान) रसायन एवं पेट्रो-रसायन विभाग रसायन एवं उर्वरक मंत्रालय, भारत सरकार प्लॉट : नं 630 फेज-4, जी.आई.डी.सी., वटवा, अहमदाबाद-382445. दूरभाष : (079) 40103900-902 फैक्स : (079)-40083905 ईमेल : cipetahmd@gmail.com, ahmedabad@cipet.gov.in वेबसाइट : www.cipet.gov.in मुख्यालय : सिपेट, गुण्डी, चेन्नै - 600 032</p>	 सिपेट CIPET 	<p>CIPET : INSTITUTE OF PETROCHEMICALS TECHNOLOGY (IPT) (Formerly Central Institute of Plastics Engineering & Technology) Department of Chemicals & Petrochemicals Ministry of Chemicals & Fertilizers, Govt. of India Plot No. 630, Phase-IV, G.I.D.C., Vatva, Ahmedabad-382445 Tele. : (079) 40103900-902, 925, Fax : (079) 40083905 Email : cipetahmd@gmail.com, ahmedabad@cipet.gov.in Web. : www.cipet.gov.in Head office : CIPET, Guindy, Chennai - 600 032</p>
<p>श्रृंखला:बी / Series : B ANALYSIS REPORT प्लास्टिक परीक्षण केंद्र / PLASTIC TESTING CENTRE परीक्षण रिपोर्ट / TEST REPORT</p>		<p>क्र.सं / S.L. No. 16354</p>
<p>को जारी / Issued to : SURUCHI INDUSTRIES 127,Pansara,Yamunanagar, Haryana-135001</p>	<p>रिपोर्ट सं / Test Report No 4915 दिनांक / Dated 07.07.2023 संदर्भ / Your Ref. No. NIL दिनांक / Dated :</p>	

Test Report as per Standard :

PART A

ULR No. TC816423000001729P

PARTICULARS OF SAMPLE SUBMITTED

a) Name of the sample(as stated by the party)	: Biodegradable Film
b) Grade/Variety/Type/Size/Class etc.	: ---
c) Code No.	: ---
d) Quantity (pcs/mtr/gm/nos)	: 1.5 kg.
e) Mode of packing (Sealed carton/poly pouch/container or not)	: In Sealed Carton
f) Date of receipt of sample	: 18.12.2022
g) Date of Performance of test	: 31.12.2022
h) Any other information	: ---

PART B

SUPPLEMENTARY INFORMATION

a) Reference to sampling procedure	: Drawn & supplied by the party
b) Supporting documents for Measurements Taken and results derived like graphs, Tables, sketches and/or Photographs as appropriate to test report if any (to be attached)	: As per Part C
c) Deviation from the test methods as Prescribed in relevant ASTM/ISO/BIS/ Work instructions, if any	: Not Applicable



AUTHORISED SIGNATORY

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प्लास्टिक परीक्षण केंद्र / PLASTIC TESTING CENTRE

ANALYSIS REPORT

Report No.:4915
Date : 07.07.2023PART C
TEST RESULTS

Sr. No.	Name of the Test	Test Method/Standard	Unit	Results obtained	Specified Requirements
Sample Details : Biodegradable Film (As stated by the party)					
1.	Material Identification	FTIR	--	Blends of PLA/PBAT	-----
2.	Disintegration(Dry mass passing through 2 mm sieve after 84 days)	ISO 17088:2021 Cl.6.2.1	%	8.7	Not more than 10%
3.	Ultimate aerobic Biodegradation (with reference to 100% degradation of positive	ISO 17088:2021 Cl.6.3.1	%	-	>90 (At the

reference				92.27	end of the test period not more than 180 days)
4.	Plant growth study- Monocotyledon(Rice) % Seed emergence Dicotyledon(tomato) % Seed emergence	ISO 17088:2021 Cl.6.4.3	%	92 95	>90 >90
5.	Acute Ecotoxic effects to earthworm Survival adult earthworm at the end of 7 days	ISO 17088:2021 Cl.6.4.4		100	>90
a.	Survival adult earthworm at the end of 14 days		%	97.5	>90
b.	Biomass at the end of 14 days			98.61	>90
6.	Chronic Ecotoxic effects to earthworm Survival adult earthworm at the end of 28 days	ISO 17088:2021 Cl.6.4.5		97.5	>90
a.	Survival adult earthworm at the end of 56 days		%	92.5	>90
b.	Biomass at the end of 56 days			96	>90
c.	Offspring at the end of 56 days			93	>90

Note: The detailed observation on biodegradability test is enclosed as Annexure -I


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ANALYSIS REPORT

Report No.:4915
Date : 07.07.2023

PART C
TEST RESULTS

Sr. no.	Name of the Test	Test Method/Standard	Unit	Results obtained	Specified requirements
7.	Heavy metals concentrations # Arsenic (As) Copper (Cu) Nickel (Ni) Zinc (Zn) Cobalt (Co) Chromium (Cr) Molybdenum (Mo) Mercury (Hg) Cadmium (Cd) Lead (Pb) Selenium (Se)	ISO 17088:2021	Mg/l	B.L.Q.(Q.L.=0.05) 2.62 B.L.Q.(Q.L.=0.05) 176.62 B.L.Q(Q.L.=0.05) B.L.Q.(Q.L.=0.05) B.L.Q.(Q.L.=0.05) B.L.Q(Q.L.=0.05) 10 B.L.Q(Q.L.=0.05) 3.76 B.L.Q(Q.L.=0.05)	20 500 100 2500 ---- 300 ---- 10 20 500 ----

*Based on Municipal waste (Management and Handling) Rules, 1999 notified on 27th September, 1999 by Ministry of Environment and Forests, Government of India. Note that Concentration of Metals like Cobalt, Molybdenum, and Selenium is not mentioned in the notification.

PART D

REMARKS : Nil

Note :

1. This Test Report / Certificate is issued only for the samples submitted to the laboratory.
2. The results stated above related only to the items tested.
3. The quality of the subsequent production lot has to be ensured by the purchaser.
4. This Test Report shall not be reproduced except in full without the written approval of the laboratory.
5. Any anomaly/ discrepancy in this report should be brought to the notice of the laboratory within 30 days from the date of issue.
6. Subcontracted Tests (if any): # Gujarat Laboratory


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प्लास्टिक परीक्षण केंद्र / PLASTIC TESTING CENTRE

ANALYSIS REPORT

Report No.:4915
Date : 07.07.2023

Annexure-I

OBSERVATION FOR BIODEGRADABILITY TEST AS PER IS /ISO 17088:2008

Customers Details:

Name of the Party :- SURUCHI INDUSTRIES

1. Sample Details : Biodegradable Film (As declared by the party)
2. Material Identification by FTIR : Blends Of Poly Lactic Acid (PLA)/Polybutylene Adipate Co-terephthalate(PBAT)

3. Observation:-

- a) Conditions of reaction mixtures
 - Origin of Compost : Livestock excreta, municipal and vegetable waste
 - Reaction Temperature : 58° (±2°C)
 - Dry Solid : 54.2 %
 - Volatile Solid : 36.81 %
 - Co₂ evolved during 1st 10 days in blank vessels : 52.6 mg/g of volatile solids of compost
 - Test Duration : 120 Days.
 - Reference Material : Cellulose.
 - Volume of reaction vessel : 3000ml.
- b) pH of Test medium

Sl. No.	Composting Vessel	pH (before test)	pH (after test)
1	Blank 1	7.6	7.1
2	Blank 2	7.6	8.2
3	Blank 3	8.1	8.4
4	Cellulose 1	7.6	8.0
5	Cellulose 2	7.6	8.1
6	Cellulose 3	8.0	7.6
7	Negative 1	7.4	7.5
8	Negative 2	7.5	8.1
9	Negative 3	7.6	8.3
10	Sample 1	7.5	8.5
11	Sample 2	7.5	8.2
12	Sample 3	7.4	7.1

सिपेट : पेट्रोकेमिकल्स तकनीकी
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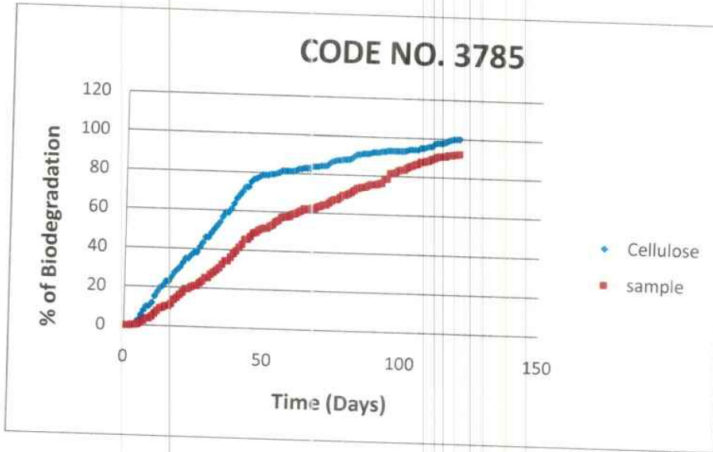
ANALYSIS REPORT

Report No.:4915
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4. Result : Percentage biodegradation relative to positive reference

MEAN (%) : 92.27 %

The reference material- Cellulose (%) : 100%



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ANALYSIS REPORT

Report No.:4915
Date : 07.07.2023

5. Visual Observation of Sample

Description	Week 1	Week 5	Week 10	Week 14	Week 17
Structure	Film sample	Film sample	Film sample	Film sample	Film sample
Moisture	Adequate Moisture level	Adequate Moisture level	Adequate Moisture level	Adequate Moisture level	Adequate Moisture level
Colour	Milky white	Milky white	Milky white	Faded white	---
Fungal Development	Nil	Nil	Nil	Nil	Nil
Smell	Organic/dirt like	Organic/dirt like	Organic/dirt like	Organic/dirt like	Organic/dirt like

6. Visual Observation of Compost

Description	Week 1	Week 5	Week 10	Week 14	Week 17
Structure	Fine Particles	Fine Particles	Fine Particles	Fine Particles	Fine Particles
Moisture	Adequate moisture level	Adequate moisture level	Adequate moisture level	Adequate moisture level	Adequate moisture level
Colour	Dark Brown	Dark Brown	Dark Brown	Dark Brown	Dark Brown
Fungal Development	Nil	Nil	Nil	Nil	Nil
Smell	Organic/dirt like	Organic/dirt like	Organic/dirt like	Organic/dirt like	Organic/dirt like

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सिपेट : पेट्रोकेमिकल्स तकनीकी
संस्थान (आई.पी.टी.)

(पूर्व में केंद्रीय प्लास्टिक्स इंजीनियरिंग एवं तकनीकी संस्थान)
रसायन एवं पेट्रो-रसायन विभाग
रसायन एवं उर्वरक मंत्रालय, भारत सरकार
प्लॉट : नं 630 फेज-4, जी.आई.डी.सी., वटवा, अहमदाबाद-382445.
दूरभाष : (079) 40103900-902 फॅक्स : (079)-40083905
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वेबसाईट : www.cipet.gov.in
मुख्यालय : सिपेट, गिण्डी, चेन्नै - 600 032



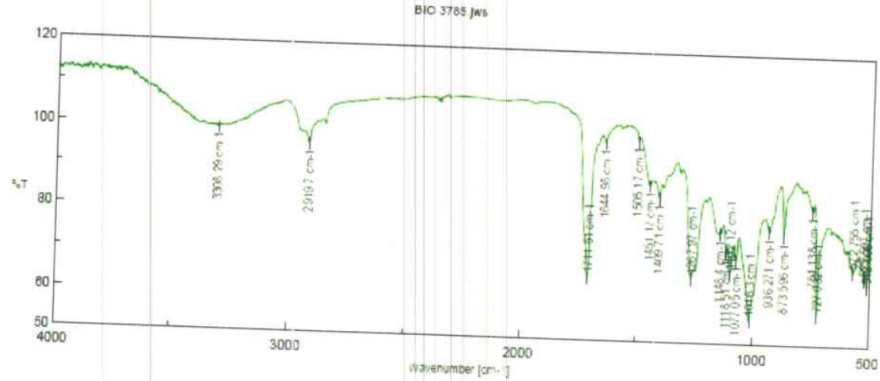
CIPET : INSTITUTE OF PETROCHEMICALS
TECHNOLOGY (IPT)

(Formerly Central Institute of Plastics Engineering & Technology)
Department of Chemicals & Petrochemicals
Ministry of Chemicals & Fertilizers, Govt. of India
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प्लास्टिक परीक्षण केंद्र / PLASTIC TESTING CENTRE

ANALYSIS REPORTReport No.:4915
Date : 07.07.2023


7. FTIR Analysis

Sample Details : **Biodegradable Film** (As declared by the party)

Wave number (cm ⁻¹)	Nature of Bond
1)2919.7	C - H Stretching vibrations
2)1711.51	C = O Stretching vibrations
3) 1644.96	C = N Stretching vibrations
4) 1077.05	C - O Stretching vibrations
5) 873.596	C = C Bending vibrations

Comment: The above FTIR analysis indicates the above sample is Blends Of Poly Lactic Acid (PLA)/Polybutylene Adipate Co-terephthalate(PBAT) Film.


AUTHORISED SIGNATORY
किर्ती डी. त्रिवेदी / Kirti D. Trivedi
तक. अधिकारी / Technical Officer


AUTHORISED SIGNATORY
परितोष दिवासली / Paritosh Diwasali
संयुक्त निदेशक और प्रमुख / Joint Director & Head

Head Office : CIPET, Guindy, Chennai - 600 032

सिपेट : पेट्रोकेमिकल्स तकनीकी
संस्थान (आई.पी.टी.)

(पूर्व में केंद्रीय प्लास्टिक्स इंजीनियरिंग एवं तकनीकी संस्थान)

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प्लास्टिक परीक्षण केंद्र / PLASTIC TESTING CENTRE

ANALYSIS REPORTReport No.:4915
Date : 07.07.2023

8. DISINTEGRATION - AFTER 12 WEEKS

CODE NO : 3785



BEFORE DISINTEGRATION

AFTER DISINTEGRATION

The disintegration of the sample by passing through 2 mm sieve after 12 week in composting condition as per ISO 17088-2021/ISO 17088: 2012 was found not more than 10% of original dry mass remain.


AUTHORISED SIGNATORY
किर्ती डी. त्रिवेदी / Kirti D. Trivedi
तक. अधिकारी / Technical Officer


AUTHORISED SIGNATORY
Page 8 of 09
परितोष दिवासली / Paritosh Diwasali
संयुक्त निदेशक और प्रमुख / Joint Director & Head

Head Office : CIPET, Guindy, Chennai - 600 032

सिपेट : पेट्रोकेमिकल्स तकनीकी संस्थान (आई.पी.टी.)

(पूर्व में केंद्रीय प्लास्टिक्स इंजीनियरिंग एवं तकनीकी संस्थान)
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प्लास्टिक परीक्षण केंद्र / PLASTIC TESTING CENTRE

ANALYSIS REPORT

Report No.:4915
Date : 07.07.2023

9. GERMINATION AND PLANT GROWTH STUDY



3785 Compost (Control)

3785 Compost (Sample)



3785 Compost (Control)

The percentage of seed germination rate if found to be greater than 90% for both Monocotyledon and Dicotyledon.

3785 Compost (Sample)


AUTHORISED SIGNATORY

किर्ती डी. त्रिवेदी / Kirti D. Trivedi
तक. अधिकारी / Technical Officer


AUTHORISED SIGNATORY

परितोष दिवासली / Paritosh Diwasali
संयुक्त निदेशक और प्रमुख / Joint Director & Head

Head Office : CIPET, Guindy, Chennai - 600 032

सिपेट : इंस्टिट्यूट ऑफ़ पेट्रोकेमिकल्स टेक्नोलॉजी (आईपीटी)

(पूर्व में सेन्ट्रल इंस्टिट्यूट ऑफ़ प्लास्टिक्स इंजीनियरिंग एण्ड टेक्नोलॉजी)
रसायन एवं पेट्रोसायन विभाग

रसायन एवं उर्वरक मंत्रालय, भारत सरकार

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मुख्यालय : सिपेट, गिण्डी, चेन्नै - 600 032.



CIPET सि पेट
polymer - petrochem - plastics - Petrochem



CIPET : INSTITUTE OF PETROCHEMICALS TECHNOLOGY (IPT)

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Department of Chemicals & Petrochemicals

Ministry of Chemicals & Fertilizers, Govt. of India

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Web: www.cipet.gov.in

Head office : CIPET, Guindy, Chennai - 600 032

INTERIM REPORT

CIPET/AHMEDABAD-IR/SURUCHI INDUSTRIES /TR No. 4915

Date:29.04.2023

Name & Address of the party: **SURUCHI INDUSTRIES**
127.Pansara, Yamunanagar,
Haryana-135001

Date of Receipt of sample: 18.12.2022

Date of Initiation of testing: 31.12.2022

Sample details (as declared by the party): **Biodegradable Film**

Sl. No.	Property	Test method / Standard	Unit	Results obtained	Specified Requirements
1.	Material Identification	FTIR (ASTM E 1252) DSC (ASTM D 3418)	--	Blends of poly lactic Acid (PLA)/ Poly Butylene Adipate Co-Terephthalate (PBAT)	--
2.	Disintegration (Dry mass remains in 2 mm sieve after 84 days)	Cl. 6.2 of ISO 17088-2021/ IS 17088-2008	%	8.7	Not more than 10%
3.	Ultimate Aerobic Biodegradation (with reference to 100% degradation of positive reference)	Cl. 6.3 of ISO 17088-2021/IS 17088-2008	%	92.27 (At the end of 120 days)	> 90% (At the end of test period not more than 180 days)

Comments: The submitted sample of **Biodegradable Film** (as stated by the party) complies to the requirements of Cl. 6.2 & 6.3 of ISO 17088-2021 / ISO 17088-2012.

Note: The submitted sample is exposed under controlled compost condition as per 17088-2021/ ISO 14855-1 and at the of **120 days**, the cumulative biodegradation is estimated as **92.27 %** with reference to the degradation of cellulose

- I. The following tests are under progress as per the standard IS/ISO 17088-2008.
 - a. Heavy metal analysis as per Cl. No. 6.4.1.
 - b. Seed germination as per Cl. No. 6.4.4.
 - c. Acute earthworm toxicity test as per Cl. No.6.4.4 ISO 17088-2021

- d. Chronic earthworm toxicity test as per Cl. No.6.4.5 ISO 17088-2021
- The test report will be issued after the completion of all the tests.
 - The interim report is only valid till the issue of test report.


01.15.23
Authorised Signatory


01.15.23
Authorised Signatory
Page 1 of 1

केन्द्र : अहमदाबाद, अमृतसर, औरंगाबाद, अमरलता, बर्ही, बालासोर, बेंगलुरु, भोपाल, भुवनेश्वर, चन्द्रपुर, चैत्रे, गुरुग्राम, गुवाहाटी, ग्वालियर, हैदराबाद, हाजीपुर, हल्दिया, इम्फाल, जयपुर, कोच्चि, लखनऊ, मदुरै, मुरथल, मैसूरु, रायपुर, रांची, वलसाड एवं विजयवाडा

Centres : Ahmedabad, Amritsar, Aurangabad, Agartala, Baddi, Balasore, Bengaluru, Bhopal, Bhubaneswar, Chandrapur, Chennai, Gurugram, Guwahati, Gwalior, Hyderabad, Hajipur, Haldia, Imphal, Jaipur, Kochi, Lucknow, Madurai, Murthal, Mysuru, Raipur, Ranchi, Valsad & Vijayawada

EPR CERTIFICATE



Haryana Pollution Control Board
C-11, Sector-6 Panchkula Haryana-134
109, Chandigarh

Regn. No .
PR-28-HAR-07-DAWPP39048-23

Date:
28-07-2023 03:53 PM

REGISTRATION CERTIFICATE FOR PRODUCER

(Under Rule-13(2) of the Plastic Waste Management Rules, 2016, as amended)

To,
S h r i PRASHANT
PATHAK(Legal Name)
(Trade Name: **SURUCHI**
INDUSTRIES),
127 PANSRA PANSRA
Yamunanagar Haryana
135001

With reference to the application dated **13-07-2023** regarding registration as a **Producer** Haryana Pollution Control Board is pleased to grant the registration in favour of **Shri PRASHANT PATHAK, 127 PANSRA PANSRA Yamunanagar Haryana 135001**, as a Producer, for disposal of Plastic waste generated due to plastic packaging introduced by you in the market as per EPR Action Plan given below:

Sl. No	Financial Year	2023-24			
		State/UT	Cat-I	Cat-II	Cat-III
1	HARYANA	0.0	0.0	0.0	0.0
TOTAL		0.0	0.0	0.0	0.0
Grand Total		0.0			

The Registration is granted under the PWM Rules, 2016 (as amended) subject to the following terms & conditions: -

- Registration granted for PIBOs under the PWM Rules, 2016 (as amended), does not require renewal and shall be changed only on the request of Producers, Importers & Brand owners, under the existing Extended Producer Responsibility registration.

1

H. Kataria's Pdf

- The Producer shall fulfil the EPR Targets for the year 2022-23 as specified in the above table. For the subsequent years, EPR Target shall be auto-generated based on the information provided in the Annual report, the format of which shall be specified by CPCB and displayed on the EPR Portal.
- The Producer shall provide EPR certificates of the same category of plastic waste from registered plastic waste processors for fulfilling their EPR obligation.

4. Exchange of EPR credit between PIBOs and Plastic Waste Processors (PWP) to be done as per mechanism provided by CPCB.
5. The Producer shall file annual return of fulfilling of EPR obligation as per targets given above in the proforma prescribed by CPCB by June 30 of the next financial year. The information related to fulfillment of EPR obligations and annual report to be filed on the centralized EPR portal developed by CPCB for the purpose.
6. Every Producer shall maintain a record of details of the person engaged in supply of plastic used as raw material to manufacture carry bags or plastic sheet or like or cover made of plastic sheet or multi-layered packaging.
7. The Producer shall pay Annual fee for processing of Returns as per Guidelines by CPCB.
8. The Environment Compensation, as applicable, shall be levied by CPCB/SPCB/PCC on PIBO the with respect to non-fulfillment of their Extended Producer Responsibility targets, responsibilities and obligations as per Guidelines specified by CPCB.
9. The Producer shall not deal with any entity not registered through on-line centralized portal developed by Central Pollution Control Board..
10. The Producer shall not engage in manufacture, stocking, distribution, selling of banned SUP items as listed in Amendment to PWM Rules dated August 12, 2021
11. In case, it is found or determined that any PIBO registered on the on-line portal has provided false information or has willfully concealed information or there is any irregularity or deviation from the conditions stipulated while obtaining

2

Sh. Anurag Patel

registration under Extended Producer Responsibility guidelines, then the registration of such an entity would be revoked for a one -year period after giving an opportunity to be heard. The entities whose registration has been revoked shall not be able to register afresh for the period of revocation.

12. The Producer should ensure compliance with provisions of the PWM Rules, 2016, as amended. Action, as deemed fit, including revocation of registration, closure of unit, levying Environmental Compensation charges, shall be taken against violators of PWM Rules.
13. CPCB/SPCB/PCC reserves the right to take such action as deemed fit under Environment (Protection) Act, 1986 for violation of PWM Rules, 2016, as amended, if any, by the concerned PIBO for the period prior to grant of registration.
14. The Unit shall obtain all other statutory clearances/ permissions regarding Occupational Safety, Health & Fire safety and implement necessary measures including Offsite/Onsite Disaster Management Measures as may be mandated by the concerned Authorities under the applicable extant Laws/Rules /Regulations etc.

Sr. Environmental Engineer

3

Sh. Anurag Patel

CTO CERTIFICATE



HARYANA STATE POLLUTION CONTROL BOARD

null

E-mail: hspcb@hry.nic.in



No. HSPCB/Consent/ : 313295822YAMCTO31149111

Dated:08/12/2022

To.

M/s :Suruchi Industries
V.P.O. Pansara, yamunanagar

Subject: Grant of consent to operate to M/s Suruchi Industries.

Please refer to your application no. 31149111 received on dated 2022-12-02 in regional office Yamuna Nagar SWM. With reference to your above application for consent to operate, M/s Suruchi Industries is here by granted consent as per following specification/Terms and conditions.

Consent Under	BOTH
Period of consent	08/12/2022 - 31/12/2027
Industry Type	Polythene and plastic processed products manufacturing (virgin plastic)
Category	GREEN
Investment(In Lakh)	113.65
Total Land Area(Sq. meter)	331.0
Total Builtup Area(Sq. meter)	276.0
Quantity of effluent	
1. Trade	0.0 KL/Day
2. Domestic	1.0 KL/Day
Number of outlets	1.0
Mode of discharge	
1. Domestic	septic tank
2. Trade	0
Domestic Effluent Parameters	
1. NA	
Trade Effluent Parameters	
1. NA	
Number of stacks	1
Height of stack	
1. NA	
Emission parameters	
1. NA	
Product Details	
1. Biodegradable/Compostable packaging Material	1 Metric Tonnes/day

Capacity of boiler	
1. NA	Ton/hr
Type of Furnace	

Type of Fuel	
1. NA	
Raw Material Details	
Starch Granules	1 Metric Tonnes/Day

*Regional Officer, Yamuna Nagar SWM
Haryana State Pollution Control Board.*

Terms and conditions

1. The applicants shall maintain good house keeping both within factory and in the premises. All hose pipelines valves, storage tanks etc. shall be leak proof. In plant allowable pollutants levels, if specified by State Board should be met strictly.
2. The applicant/company shall comply with and carry out directive/orders issued by the Board in this consent order at all subsequent times without negligence of his /its part. The applicant/company shall be liable for such legal action against him as per provision of the law/act in case of violation of any order/directives. Issued at any time and or non compliance of the terms and conditions of his consent order.
3. The applicant shall make an application for grant of consent at least 90 days before the date of expiry of this consent.
4. Necessary fee as prescribed for obtaining renewal consent shall be paid by the applicant alongwith the consent application.
5. If due to any technological improvement or otherwise this Board is of opinion that all or any of the conditions referred to above required variation (including the change of any control equipment either in whole or in part) this Board shall after giving the applicant an opportunity of being heard vary all or such condition and there upon the applicant shall be bound to comply with the conditions so varied.
6. The industry shall provide adequate arrangement for fighting the accidental leakages, discharge of any pollutants gas/liquids from the vessels, mechanical equipment etc. which are likely to cause environment pollution.
7. The industry shall comply noise pollution (Regulation and control) Rules, 2000.
8. The industry shall comply all the direction/Rules/Instructions as may be issued by the MOEF/CPCB/HSPCB from time to time.
9. The industry shall ensure that various characteristics of the effluents remain within the tolerance limits as specified in EPA Standard and as amended from time to time and at no time the concentration of any characteristics should exceed these limits for discharge.
10. The industry would immediately submit the revised application to the Board in the event of any change in the raw material in process, mode of treatment/discharge of effluent. In case of change of process at any stage during the consent period, the industry shall submit fresh consent application alongwith the consent to operate fee, if found due, which may be on any account and that shall be paid by the industry and the industry would immediately submit the consent application to the Board in the event of any change during the year in the raw material,

quantity, quality of the effluent, mode of discharge, treatment facilities etc.

11. The officer/official of the Board shall reserve the right to access for the inspection of the industry in connection with the various process and the treatment facilities. The consent to operate is subject to review by the Board at any time.
12. Permissible limits for any pollutants mentioned in the consent to operate order should not exceed the concentration permitted in the effluent by the Board.
13. The industry shall pay the balance fee, in case it is found due from the industry at any time later on.
14. If the industry fails to adhere to any of the conditions of this consent to operate order, the consent to operate so granted shall automatically lapse.
15. If the industry is closed temporarily at its own, they shall inform the Board and obtain permission before restart of the unit.
16. The industry shall comply all the Directions/ Rules/Instructions issued from time to time by

the Board.

Specific Conditions :

1. That the unit will apply for renewal of CTO before 90 days from expiry of this CTO.
2. That the unit will not made any expansion without prior permission from the Board.
3. That the unit will obtain the authorization/ registration under Plastic Waste Management Rules, 2016 or as amended further time to time, if applicable.
4. That the unit will not discharge any effluent outside its premise without prior approval of Board or Without Permission from MC/PHED or Concerned Dept.
5. That the CTO so granted would be revoked without any prior Notice if Unit fails to comply with any of the conditions of CTO.
6. That the unit will obtain all the necessary permission as applicable from the ULB department. If required at any stage.
7. That the Environmental compensation would be imposed as per policy of Board for Violation of CTO and Air/Water/EP Act conditions for environmental damage.
8. That the unit shall not involve in the manufacturing of identified Single Use Plastic Items banned by MOEF&CC vide Notification dated 12.08.2021.
9. That the unit will abide by the directions of CPCB/HSPCB/MOEF&CC and any other competent authority time to time.
10. That the unit will abide the directions/ orders of Hon'ble Supreme court /High Court/NGT/SEC any other court.
11. That concealing factual data or submission of false/ fabricated data and failure to comply with any of the condition mentioned above may result in withdrawal of this CTO and attract action under the provisions of Water Act, 1974 and Air Act, 1981 and violation of any law of land.
12. Unit will not manufacture any kind of plastic carry bag's (i.e. with handle).
13. Unit will manufacture Industrial Use Plastic Packaging Bags (i.e. without handle) only as per prescribed thickness.
14. The unit shall register on the centralized portal developed by Central Pollution Control Board, if applicable as per amended PMW Rules.
15. The unit shall not carry any business without registration obtained through online centralized portal developed by Central Pollution Control Board, if applicable as per amended PMW Rules.

16. The unit shall not deal with any entity not registered through on-line centralized portal developed by Central Pollution Control Board, if applicable as per amended PMW Rules.
17. In case, any violations is found at any stage, then this CTO, so granted, shall be revoked without giving show cause notice.

VIRENDER SINGH PUNIA
Regional Officer, Yamuna Nagar SWM
Haryana State Pollution Control Board.

Digitally signed by VIRENDER SINGH PUNIA
Date: 2022.12.08 15:47:43 +05'30'

HARYANA STATE



सूक्ष्म, लघु और मध्यम उद्यम मंत्रालय
MINISTRY OF
MICRO, SMALL &
MEDIUM ENTERPRISES



CERTIFICATE

ZED BRONZE

under MSME Sustainable (ZED) Certification Scheme
awarded to

SURUCHI INDUSTRIES

UNIT NAME

Flat No:- VPO PANSRA, Building:- SURUCHI INDUSTRIES, Road/Street:- SAHARANPUR
ROAD, Village/Town:- NEAR THANA SADAR, Block:- , City:- YAMUNANAGAR,
YAMUNANAGAR, HARYANA-135001

UNIT ADDRESS

32-Other manufacturing

CODE (AS PER NIC-2008)

UDYAM-HR-19-0002999

UDYAM REGISTRATION NUMBER

Issued on :
August 10, 2023

Certificate Validity :
Three years from the date of issue



Certificate No. 10082023_058929

This Certificate has been awarded after fulfilling all relevant requirements as laid down in the MSME Sustainable (ZED) Certification Scheme Guidelines for this Certification Level. Award of this Certificate does not substitute any legal requirement needed for setting up or operating an MSME Unit.