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CONSENT TO OPERATE

Ref. :No. (G19PUD454046) / (2022)

Date:04/10/2022

Sub : Puducherry Pollution Control Committee - **Palmetto industries india pvt ltd** - Consent to Operate under Section 21 of The Air (Prevention and Control of Pollution) Act, 1981, as amended - Reg.

Ref : G19PUD454046 dated 29/01/2021 of *Shankar Balan*

Consent to Operate is hereby **reNew** under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981, as amended (hereinafter referred to as 'The Act') and the Rules and Orders made there under for emission / continuation of emission to

Shankar Balan
The Managing Director
Palmetto industries india pvt ltd
105/1 mettu street chinnakalapet pondicherry

CATEGORY: GREEN

SIZE:MEDIUM

LOCATION:105/1 mettu street chinnakalapet pondicherry

(hereinafter referred to as 'The Applicant') authorizing him/her/them to **Operational the industry / commercial establishment 105/1 mettu street chinnakalapet pondicherry** in the site mentioned below subject to following special and general conditions:

105/1 mettu street chinnakalapet pondicherry

Consent Validity:

This Consent is valid for a period of **5** years to operate the unit under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981, as amended subject to the Special and General conditions enclosed.

The unit shall apply for renewal of this Consent 4 months before expiry of the validity of the consent.

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MEMBER SECRETARY

To

Shankar Balan/The Managing Director
Palmetto industries india pvt ltd
105/1 mettu street chinnakalapet pondicherry

SPECIAL CONDITIONS

1. Notwithstanding anything contained in any other Act or Rules or Notifications this clearance is given from pollution angle only.

2. Details of Products and By-products manufactured:

S.No.	Description	Quantity	Unit
a	Main Products manufactured:		
1	FIBC Bags (manufacturing from Rolls) with Mono-printing	3500	TPA
2	BOPP Woven Bags (manufacturing from Rolls) with Mono-printing	1000	TPA
b.	By-Product		
1	No By-product	0	.

3. The applicant shall erect the chimney(s)/stack(s) of the following specifications:

S.No.	Chimney / Stack attached to	Height of the stack in metre	Diameter, m	Volume Nm3/hr
1	Stack 1 - DG Set - 380 KVA - Manufactured on 28.11.2016	7 m from GL	0.15	750 Nm3/Hr

4. The applicant shall install a comprehensive air pollution control system consisting of control equipment as detailed below and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards:

Chimney / Stack	Control Equipment	Relevant - parameters & standard limits
Stack 1 - DG Set - 380 KVA - Manufactured on 28.11.2016	Acoustic Enclosure and Stack	Oxides of Nitrogen + Hydrocarbon (NOx + HC) 4.0 g/kW-Hr ; Carbon Monoxide (CO) 3.5 g/kW-Hr ; Particulate Matter (PM) 0.2 g/kW-Hr ; Smoke Limit (Light Absorption Coefficient) 0.7 per m.

5. The applicant shall observe the following fuel consumption:

S.No	Type of fuel	Maximum quantity /day
1	Diesel (Density 0.85 Kg/l) for DG Set - 380 KVA - Manufactured on 28.11.2016 (In TPA)	3.6

6. The applicant shall provide ports in the chimney/stack and facilities such as ladder, platform etc. as per requirements for monitoring the air emissions and the same shall be open for inspection and use by the Board's staff. The chimney/stacks attached to various sources of emission shall be designated by numbers such as S-1, S-2 etc. and these shall be painted/ displayed to facilitate identification. The unit shall comply with the guidelines mentioned in Emission Regulation, Part III published by the CPCB.

7. Interlocking shall be provided with the Process and Pollution Control Systems

8. Separate Energy Meters shall be installed for the Air Pollution Control Systems and proper records shall be maintained in the log book.

9. The proponent shall take measures to comply with the provisions laid down under Noise pollution (Regulation and Control) Amendment Rules, 2010 and control the noise to the prescribed levels.

10. The industry shall take adequate measures for control of noise from its own source so as to comply with the standards as may be applicable. Noise Level should not exceed .. dB (A) and. dB (A) during daytime and night times respectively.

11. DG Sets shall meet the noise and air emission standards prescribed under The Environment (Protection) Rules, 1986 and shall be provided with integral acoustic enclosure. The applicant shall comply with order of Hon,ble National Green Tribunal dated 11.05.2015 in Appeal No. 12(Tsc) of 2013, Original Application No. 17(THC) of 2013 and Original Application No. 32(THC) of 2013 and implement all conditions in the CPCB Guidelines for DG Set. The DG set which are 15 years old or completed 50,000 Hours of Operation shall not be used.

12. The unit shall provide minimum stack height (H) to the DG sets as per the formula $H = h + 0.2 \sqrt{KVA}$ where KVA= total generation capacity and h= Height of the building where DG set is installed.

13. The Industry shall take appropriate measures to ensure that the ground level concentration shall comply with revised National Ambient Air Quality Standards dated 16.11.2009 notified by MoEF&CC, GOI.

14. There shall not be any perceptible odour outside the industry's premises.

15. Any change in the emission source / process / Air Pollution Control System / fuel shall be brought to the notice of this Authority in writing and fresh consent has to be obtained, as required.

16. The unit shall submit the Environmental Statement in Form V before 30th September every year as per the Rule No.14 of the E(P) Rules, 1986 & Amendments.

17. Specific Conditions:

(a) Consent Validity :

(i) The Section "Consent Validity" at Page No. 1 of this Consent Order is not applicable.

(ii) This Air Consent Order to Establish and Operate is valid upto 31.01.2034.

(iii) The Project Proponent shall apply for renewal of this Consent Order, before 30 Days of the Expiry of this Consent Order, as imposed vide (1) above, in prescribed formats, via online portal of this Committee – www.ponocmms.nic.in, along with relevant attachments and consent fees. No Other mode of application shall be entertained.

(b) Any Banned SUP shall not be manufactured in the premises of the unit, at any cost. This is for Strict Compliance.

(c) Non-Hazardous Wastes generated such as Carton Boxes, Paper and Plastic Wrapping Materials, etc., shall be collected, stored and reused for packing of Finished Goods and Other Non-Hazardous Wastes such as, Wooden Pieces, Pallets, etc., shall be collected, stored and disposed off appropriately. Necessary Registration shall be obtained from the CPCB / PPCC, under the Plastic Waste Management Rules, as amended till date.

(d) Hazardous Wastes generated such as, Waste Cotton soaked with Oil / Inks, any Metal Wastes, Cleaning Brushes, Empty Containers of Polishes / Solvents / inks, Waste Oil and Oil Filters obtained from the Compressors, DG Set, etc., shall be collected and stored as per the provisions of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, as amended till date, as applicable. Necessary Authorization shall be obtained from this Committee and the same shall be submitted to this Committee, as and when obtained.

(e) The above said wastes shall not be dumped / burnt in and around the premises of the unit, at any cost. This is for strict compliance.

(f) There shall be only mono-printing carried out in the premises of the unit and no other multicolor or flexo printing etc., shall be carried out, at any cost, without prior consent of this Committee.

(g) The unit shall ensure provision and operation of all fire and safety measures, at all times and necessary clearance shall be obtained from the Fire Department, Puducherry.

(h) The industry shall take adequate measures for control of noise from its own source so as to comply with the standards as may be applicable. Noise Level should not exceed 55 dB (A) at the Day time and the unit shall not be operated at night time, viz., from 10.00 PM till 6.00 AM.

(i) The Clauses 7, 8, 10 and 13 of the Section "Special Conditions" of this Consent Order are not applicable and shall be ignored.

(j) Implementation Schedule :

(i) The unit shall apply and obtain Authorization under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, as amended till date from this Committee, as imposed vide Sub-Clause (d) of this Clause of this Section of this Consent Order and the copy of the same shall be submitted to this Committee, on or before 3 Months from the date of issue of this Consent Order.

(ii) The unit shall apply with CPCB / this Committee, as applicable and obtain registration under the Plastic Waste Management Rules, as amended till date, as imposed vide Sub-Clause (c) of this Clause of this Section of this Consent Order and the copy of the same shall be submitted to this Committee, on or before 3 Months from the date of issue of this Consent Order.

(iii) The DG Set of 380 KVA shall be within 3 Months from the date of issue of this Consent Order, retrofit with an emission control device / equipment having a minimum specified particulate matter capturing efficiency of atleast 70% tested as per ISO - 8178 – 5 mode D2 Cycle for equivalent KVA rating by one of the five CPCB, GoI, recognized / approved laboratories, as given below :

- Automotive Research Association of India, Pune (Maharashtra),
- International Centre for Automotive Technology, Manesar (Haryana),
- Indian Oil Corporation, Research and Development Centre, Faridabad (Haryana),
- Indian Institute of Petroleum, Dehradun (Uttarkhand),
- Vehicle Research Development Establishment, Ahmedabad (Maharashtra).

(iv) The unit shall be liable to remit any environmental compensation since inception of the unit, at the premises or any other action, as deemed fit, against the unit for the non-compliances, if failed to comply with the above said 3 Nos. of Implementation Schedules, within the specified timelines.

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Member Secretary

GENERAL CONDITIONS

1. Notwithstanding anything contained in this No-Objection Certificate from Pollution Angle, the Puducherry Pollution Control Committee hereby reserves its right and power under Section 27 (2) of the Water (Prevention and Control of Pollution) Act, 1974 and Section 21 (4) of the Air (Prevention and Control of Pollution) Act, 1981 to Review / Revoke any or all the conditions imposed herein and to cancel, refuse, modify or stipulate additional conditions for the purpose of the Act by the Committee, if conditions of the consent granted are not fulfilled.
2. The applicant shall not undertake any expansion, modernization, diversification, change of location, change of process, change of products etc., without the prior approval / clearance from this authority.
3. The unit shall have a valid Authorization from this Committee, under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, as amended till date, as applicable.
4. The unit shall comply with the Solid Waste Management Rules, as amended till date and as applicable.
5. The applicant shall take all possible measures to create pollution free surroundings.
6. Sufficient green belt shall be provided all around the unit.
7. This Consent Order shall be exhibited in the office room and must be made available to the inspecting officers of this Committee.
8. Housekeeping shall be maintained clean.
9. The entire process shall be carried out within the premises itself.
10. The revised standards mentioned under the Special Conditions, shall be applicable for the whole production capacity of the unit and shall be in force, in accordance with the Rules / Laws / Notifications, issued under the Environment (Protection) Act, 1986 and its amendments till date.
11. The unit shall be liable to remit environmental compensation charges henceforth, in accordance with the Compliances of the Clauses and Conditions of this Consent Order, proportional to the no. of non-compliances and the period of the same. Hence, compliance of all conditions, of this Consent order shall be immediately effected, unless any specified timelines are applicable and are strictly enforced henceforth.
12. Report Submission : (For Strict Compliance)
 - (i) The unit shall submit compliance statement of the conditions imposed in this Consent, on or before 30th January of every year to this Committee.
 - (ii) The unit shall engage an NABL Accredited Laboratory for Analysis of the Ambient Air Quality, including Noise, DG Set Stack and Noise and the reports of the same shall be submitted to this Committee, immediately and thereafter once in two years, from the date of issue of this Consent

Order. This is for strict compliance.

13. For Better Environmental Management :

- (i) Energy conservation measures like installation of energy efficient lighting systems, like LED's for lighting the areas inside and outside the building should be integral part of the design. Used CFL's/TFL's/LED's should be properly collected and disposed off/ sent to for recycling as per the prevailing guidelines / rules of the regulatory authority to avoid toxic contamination.
- (ii) The unit shall declare itself an "Single Use Plastic Free Zone" and maintain the same, in compliance with the Notification issued by this Committee on Ban of Single Use Plastics, G.O. Ms. No. 18/Envvt./2019 dated 30.07.2019, published in the Gazette of Puducherry, Part I Extraordinary, dated 02.08.2019.
- (iii) All the conditions shall be enforced under the provisions of the Environment (Protection) Act, 1986, along with its amendments, from time to time.

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