



TELANGANA STATE POLLUTION CONTROL BOARD

Zonal Office, 25-35/11, Tulasi Reddy Complex, 2nd Floor,
Opp. Govt. ITI College, R.C.Puram, Sangareddy District - 502 032.
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CONSENT & AUTHORIZATION ORDER FOR AFTER EXPANSION - ORANGE CATEGORY

CFO Order No: TSPCB/ZO/RCP/RCPM/1025/CFO/2024-240525131834 Date: 16.04.2024.

(Consent Order for Existing/New or altered discharge of sewage and/or trade effluents/outlet under Section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and amendments thereof; Operation of the plant under section 21 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof and Authorization / Renewal of Authorization under Rule 6 (2) of the Hazardous & Other Wastes (Management and Transboundary Movement) Rules, 2016.

CONSENT is hereby granted under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974, under section 21 of Air (Prevention & Control of Pollution) Act 1981 and Authorization under Provision of Hazardous & Other Wastes (Management and Transboundary Movement) Rules 2016, (hereinafter referred to as 'the Acts', 'the Rules') and the rules and orders made thereunder to

**M/s. Vardhans Green Bags (After Expansion),
Plot No. 154, Sy.No.172/C,
IDA Bollaram, Jinnaram Mandal,
Sangareddy District.**

(hereinafter referred to as 'the Applicant') authorizing to operate the industrial plant to discharge the effluents from the outlets and the quantity of Emissions per hour from the chimneys as detailed below.

i) Outlets for discharge of effluents:

Outlet No.	Outlet Description	Max Daily Discharge	Point of Disposal
1	Domestic	0.33 KLD	Septic tank followed by soak pit.

ii) Emissions from chimneys:

Chimney No.	Description of Chimney	Quantity of Emissions in m3/hr. at peak flow
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iii) Hazardous Waste Authorization (Form-II) [See Rule 6(2)]:

1. Number of Authorization and date of issue –TSPCB/ZO/RCP/RCPM/1025/HWM/2024
Date: 16.04.2024.
2. The Occupier of, **M/s. Vardhans Green Bags** is hereby granted an authorization to operate a facility for generation, collection, reception, storage, transport, reuse, recycling, recovery, pre processing, co-processing, utilization, treatment and disposal of Hazardous Waste namely.

Sl. No	Category of Hazardous Waste as per the Schedules I, II and III	Quantity	Point of disposal
1	Cutting waste	40 Kgs/month	Shall be disposed to authorized recyclers
2	Ink / Printing Sludge	As generated	Shall be disposed to TSDF i.e., M/s. Hyderabad Waste Management Project, Dundigal (V), Dundigal Gandimaisamma (M), Medchal-Malkajgiri District / Alternate Fuel & Raw Material Facilities (AFRF) for pre processing.
3	Used Ink Containers and their liners	As generated	Shall be disposed to outside parties after complete detoxification.

This Consent Order is valid for manufacture of the following products along with quantities only.

S. No.	Products	Quantity
1	Non Woven Fabric Bags along with Printing	20,000 Kg/month
2	Compostable Bags, Garbage Bags, LD Covers along with Printing	150 Kg/day

This Order is subject to the provisions of 'the Acts' and 'the Rules' and Orders made there under and further subject to the terms and conditions incorporated in the Schedule A, B & C enclosed to this Order.

This combined order of Consent & Hazardous Waste Authorization shall be valid for a period ending with the **31st day of August, 2033, superseding the existing CFO order dated 02.09.2023.** The industry shall pay the consent fees every financial year annually till the validity of the consent order.

To
M/s. Vardhans Green Bags,
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JOINT CHIEF ENVIRONMENTAL ENGINEER (FAC)

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Copy to the Environmental Engineer, TSPCB, Regional Office, RC Puram for information. The EE, RO, RC Puram is further directed to ensure that the industry pays the annual consent fees for every financial year (i.e., April to March) within the stipulated time period i.e., 1st quarter of every financial year (April-June) and the EE, RO, RC Puram shall report to this office, if any non-compliance by the industry.

SCHEDULE – A

1. The applicant shall make applications through online for renewal of consent (under Water and Air Acts) and authorisation under HWM Rules atleast 4 months before the date of expiry of this consent order, along with prescribed fee under Water and Air Acts for obtaining Consent & HW authorisation of the Board along with detailed compliance report against the conditions stipulated in the CFO & HWA order issued.
2. The industry shall immediately submit the revised application for consent to this Board in the event of any change in the raw material used, processes employed, quantity of trade effluents & quantity of emissions etc.
3. a) All the fugitive emissions shall be controlled with proper measures.
b) The applicant shall also install the equipment such as wind speed recorder and wind direction recorder.
4. A good house keeping shall be maintained both within the factory and in the premises. All hoods, pipes, valves, sewers and drains shall be leak proof. Floor washings shall be admitted into the effluent collection system only and shall not be allowed to find their way into storm drains or open areas.
5. The applicant shall submit Environment statement in Form V before 30th September every year as per Rule No.14 of E (P) Rules, 1986 & its amendments thereof.
6. The applicant shall comply with the directives/orders issued by the Board in this consent order and at all subsequent times without any negligence on his part. The applicant shall be liable for such legal action against him as per provisions of the Law/Act in case if non-compliance of any order/directive issued at any time and/or violation of the terms and conditions of this consent order.
7. The applicant shall furnish to the visiting officer and / or the Board any information regarding the construction, installation or operation of the effluent treatment system/ air pollution control equipment and such other particulars as may be pertinent for preventing and controlling pollution.
8. The industry is liable to pay compensation for any environmental damage caused by it, as fixed by the Collector and District Magistrate as Civil liability.
9. The industry shall provide a minimum stack height (H) to the DG sets as per the following formula.
$$H = h + 0.2 \sqrt{KVA}$$

KVA = Total generation capacity, h = Height of building where DG Set is installed.
10. All the rules & regulations notified by Ministry of Environment, Forests & Climate Change (MoEF&CC), Government of India in respect of management, handling, transportation and storage of hazardous chemicals and wastes shall be followed.
11. The industry shall carryout monthly environmental monitoring by a National Accreditation Board for Laboratories (NABL) and Ministry of Environment, Forests & Climate Change (MoEF&CC) approved laboratories only and shall submit monthly reports to the concerned Regional office by marking a copy to the Zonal Office.
12. The industry shall comply with emission limits for DG sets of capacity upto 800 KW as per the notification G.S.R.520 (E), dated 01.07.2003 under the Environment (protection) Amendment Rules, 2003 and G.S.R.448 (E), dated 12.07.2004 under the Environment (protection) second Amendment Rules, 2004. In case of DG sets of capacity more than 800 KW shall comply with emission limits as per the notification G.S.R.489 (E), dated 09.07.2002 at serial No.96, under the Environment (Protection) Act, 1986.

13. All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991 shall be followed.
14. The applicant shall at his own cost get the effluent samples collected both before and after treatment / samples of emissions collected and analysed from the TSPCB or any other Laboratories which are established as per the guidelines and norms of MoEF & CC, GOI and CPCB, New Delhi, every month for the parameters indicated in the Condition No.1 and condition No. 4 of Schedule B and shall submit in duplicate the report thereof to the Board.
15. The applicant shall provide appropriate Rain Water Harvesting systems on the available upstream portion of the plant site.
16. At any time during the inspection of Pollution Control Board Officers or any other licencing / servicing authorities / if it is observed that the industry is not complying with any of the above conditions leading to pollution problems, this consent is liable for cancellation without further notice and all the services rendered by the servicing departments shall be withdrawn without further notice.
17. All the rules & regulations notified by Ministry of Environment, Forests & Climate Change (MoEF&CC), Government of India in respect of microorganism, genetically engineered organisms or cells shall be followed.
18. The applicant shall exhibit the consent order of the board in the factory premises at a prominent place for the information of the inspecting officers of the different departments.
19. Notwithstanding anything contained in this conditional letter or consent, the Board hereby reserves to it the right and power under Section 27(2) of the Water (Prevention & Control of Pollution) Act, 1974 and its amendments thereof and under section 21 of Air (prevention & Control of Pollution) Act, 191 and its amendments thereof to review any and / or all the conditions imposed herein above and to make such variations as deemed fit for the purpose of the Act by the Board.
20. The applicant shall put up two black boards of size 6ft by 4ft at the main entrance to their plant. One board shall contain the specific CFE and CFO conditions, in sufficiently large font size so that it can be read easily from a distance of 10 ft to a normal eye, and other board shall carry, again in sufficiently large font size so as to be able to read from a distance of 10 ft, the latest Water, Air, Noise and solid waste monitoring data as well as the maximum vulnerable zone.
21. The industry may explore the possibility of tapping the solar energy for their energy requirements.
22. The following rules and regulations notified by the MoEF&CC, GOI shall be implemented.
 - a) Hazardous and other wastes (Management and Transboundary Movement) Rules, 2016 and amendments thereof.
 - b) Manufacture, Storage and import of Hazardous Chemicals Rules, 1989 and amendments thereof.
 - c) Batteries (Management & Handling) Rules, 2022 and amendments thereof.
 - d) E-Waste (Management) Rules, 2016 and amendments thereof.
 - e) Solid Waste Management Rules, 2016 and amendments thereof.
 - f) Plastic Waste Management Rules, 2016 and amendments thereof.
 - g) Bio-Medical Waste Management Rules, 2016 and amendments thereof.
 - h) Construction & Demolition Waste (Management & Handling) Rules, 2016 and amendments thereof.

23. Any person aggrieved by an order made by the State Board under Section 25, Section 26, Section 27 of Water Act, 1974 or Section 21 of Air Act, 1981 may within thirty days from the date on which the order is communicated to him, prefer an appeal as per Andhra Pradesh Water Rules, 1976 and Air Rules, 1982, to such authority (hereinafter referred to as the appellate Authority) constituted under Section 28 of the Water (Prevention and control of Pollution) Act, 1974 and section 31 of Air (Prevention and control of pollution) Act, 1981.
24. The Board reserves its right to modify above conditions or stipulate any additional conditions including revocation of this order in the interest of environment protection.
25. Concealing the factual data or submission of false information / fabricated data and failure to comply with any of the conditions mentioned in this order may result in withdrawal of this order and attract action under the provisions of relevant pollution control Acts.
26. As per the provisions of the Section 19 of the (TS-iPASS) Act, 2014 (Act No. 3 of 2014), the applicant shall be penalized with fine as prescribed by the government from time to time as well as rectification of the defect if he / she or the organization as the case may be fails to comply with the conditions or undertaking in self certification given to the Nodal Agency.

SCHEDULE – B

- 1) **The industry has paid consent fee of Rs.2,900/- for expansion activity i.e., upto 31.03.2025.**
- 2) **The industry has paid consent fee of Rs.1,89,000/- for existing activity i.e., upto 31.03.2025.**
- 3) **The industry shall pay the consent fees annually from the every financial year to till the validity of the consent order i.e., upto 31.08.2033.**
- 4) **The payment of annual consent fee for every financial year (i.e., April to March) within the stipulated time period i.e., 1st quarter of every financial year (April - June) is mandatory for the industry. Failing which, the validity of the Consent order automatically stands cancelled and operation of the industry / project without valid Consent attracts penal action under the provision of water Act, Air Act & Hazardous and Other Waste (Management and Transboundary Movement) Rules, 2016.**
- 5) **The industry either paying annual fee or total fee for consented period, shall pay the balance consent fee as per the revised rates as applicable from time to time.**
- 6) **The industry shall carry Printing activity on Non Woven Fabric Bags and Compostable Bags, Garbage Bags, LD Covers only.**
- 7) **The industry shall operate only after obtaining the extension of temporary revocation of closure order issued by the Board vide order dated 09.10.2023.**
- 8) **The industry shall take steps to reduce water consumption to the extent possible and consumption shall NOT exceed the quantities mentioned below:**

S. No.	Water Consumption	Quantity
1.	Domestic	0.33 KLD
	Total	0.33 KLD

- 9) The industry shall comply with ambient air quality standards of PM₁₀ (particulate Matter size less than 10µm) – 100 µg/m³; PM_{2.5} (Particulate Matter size less than 2.5µm) – 60 µg/m³; SO₂ – 80 µg/m³; NO_x – 80 µg/m³, outside the factory premises at the periphery of the industry.

Standards for other parameters as mentioned in the National Ambient Air Quality Standards of CPCB Notification No.B29016/20/90/PCI-I, dated 18.11.2009 shall be complied.

The following noise level standards shall be complied:

Noise Levels:	Day time	(6 AM to 10 PM)	- 75 dB (A)
	Night time	(10 PM to 6 AM)	- 70 dB (A)

- 10) The industry shall not manufacture new products / excess capacity beyond the permitted capacity mentioned in this order without obtaining CFE /CFO of the Board.
- 11) The industry shall provide above ground level RCC tanks for collection / storage of trade effluents and arrest ground water pollution due to leaks/crack of pipes, tanks and spillages etc.
- 12) The industry shall not cause any spillages / discharges of chemicals/ effluents on ground. The drums containing chemicals & wastes shall be stored on elevated platform provided with leachate/spillages collection pit. In no case the drums shall be stored on naked ground.
- 13) The industry shall not consume & generate any water from the printing activity.
- 14) The industry shall store the raw materials under closed shed only.
- 15) The industry shall carryout production of the products through extruder process only and shall operate the extruder machinery for LD/LLD and PLA/PBAT (Compostable material) which should have inbuilt degassing system, condensers etc for controlling the process emissions.
- 16) The industry shall carry printing activity on non woven fabric bags and Compostable Bags, Garbage Bags, LD Covers only.
- 17) The industry shall regularly operate air pollution control equipment i.e., suction hood followed by Wet Scrubber to the printing section to control the process emissions.
- 18) As committed during the meeting, the industry shall obtain the membership from M/s. TSDF i.e., M/s. Hyderabad Waste Management Project, Dundigal (V), Dundigal Gandimaisamma (M), Medchal-Malkajgiri District / Alternate Fuel & Raw Material Facilities (AFRF) for pre-processing within 3 months period for safe disposal of hazardous waste.
- 19) The industry shall collect & store the hazardous solid waste in an elevated closed shed with impervious lining and leachate collection system.
- 20) The industry shall lift the Hazardous Waste to Recycler / Reprocessor OR TSDF i.e., M/s. Hyderabad Waste Management Project, Dundigal (V), Dundigal Gandimaisamma (M), Medchal-Malkajgiri District / Alternate Fuel & Raw Material Facilities (AFRF) for pre processing / Cement industries for safe disposal.
- 21) The industry shall not cause any air pollution / dust nuisance in the surrounding environment.
- 22) The industry shall not discharge any waste water outside the plant premises under any circumstances.
- 23) The industry shall develop greenbelt such that it shall not be less than 33% of total area, preferably miyawaki type of plantation along the all sides of industry site.

- 24) The industry shall install flow meters to measure the actual water consumption, waste water generated & disposed and maintain a log register as per the meter readings.
- 25) The industry shall provide separate energy meter to the air pollution control system and maintain a log register as per the meter readings.
- 26) The industry shall maintain the following records and the same shall be made available to the Board Officials during the inspection.
 - a. Daily production details as per the GST sales.
 - b. Quantity of effluents generated & disposed.
 - c. Daily Hazardous / solid waste generated and disposed to TSDF / AFRF / Reprocessors.
 - d. Log Books for pollution control systems.
- 27) The industry shall take all precautionary and safety measures during process operations.
- 28) The industry shall maintain good house keeping within the plant premises.
- 29) The industry shall comply with all the directions issued by the Board from time to time.
- 30) The industry shall not sell the used empty drums/ barrels / liners / bags / Bottle etc. to outside parties & vendors for reuse, instead they shall discard the same to avoid reuse, which is resorting in illegal dumping of Hazardous Waste and shall dispose the same directly to authorized recyclers only.
- 31) The industry shall ensure for proper labelling of Hazardous Waste / other waste containers with particulars of industry & type of Waste along with characteristics, while storage & transporting the waste to Recyclers / TSDF / Cement Industries.

SCHEDULE – C

[See Rule 6(2)]

[SPECIAL CONDITIONS OF AUTHORISATION FOR OCCUPIER OR OPERATOR HANDLING HAZARDOUS WASTES]

1. The industry shall give top priority for waste minimization and cleaner production practices.
2. The industry shall not store hazardous waste for more than 90 days as per the Hazardous and other Wastes (Management & Transboundary Movement) Rules, 2016 and amendments thereof. The industry shall maintain online manifest system for transportation of waste generated and copies of receipt of Consignee shall be submitted to the Concerned Regional office. The industry shall maintain proper records for Hazardous Wastes stated in Authorisation in FORM-3 i.e., quantity of Incinerable waste, land disposal waste, recyclable waste etc., and file annual returns in Form- 4 as per Rule 20(2) of the Hazardous and other Wastes (Management & Transboundary Movement) Rules, 2016 and amendments thereof.
3. The industry shall dispose /sell the Hazardous Waste to only industries/agencies authorized by the State Pollution Control Boards. The industry shall verify the authorization of the Board given to the Party before disposing its waste to the External Party.
4. The industry shall maintain proper records for Hazardous Wastes disposal and its concurrence with authorization. In case of variation in generation, industry shall submit explanation and obtain amendment in Environmental Clearance/ CFE/CFO in this regard.

5. The industry shall store Used / Waste Oil and Used Lead Acid Batteries in a secured way in their premises till its disposal. Waste oils shall be disposed to the authorized Reprocessors/ Recyclers and Used Lead Acid Batteries shall be disposed to the manufacturers / dealers on buyback basis. The industry shall take necessary practical steps for prevention of oil spillages and carryover of oil from the premises. The industry shall check the Certificate/ Authorisation/order of MoEF issued to the Re-user/Recycle units while disposing the waste oil.
6. The industry shall dispose of e-waste to the authorised recyclers only.

The industry shall submit the condition wise compliance report of the conditions stipulated in Schedule B & C of this Order on half yearly basis to Board Office, Hyderabad / Zonal Office RC Puram and concerned Regional Office.


JOINT CHIEF ENVIRONMENTAL ENGINEER (FAC)

To
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