

# MAHARASHATRA POLLUTION CONTROL BOARD

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Orange/L.S.I

UAN no. MPCB-CONSENT-0000093379

RO-Nashik/ Consent/ 2010000035

Date : 01/10/2020

Consent to **Operate** under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization / Renewal of Authorization under Rule 5 of the Hazardous & Other Waste (Management & Transboundary Movement) Rules 2016

[To be referred as Water Act, Air Act and HW (M&TM) Rules respectively].

CONSENT is hereby granted to

M/s. Nilkamal Limited,  
Plot no 971 A2-1, 971 b2-2, 971/1/2/1,  
STICE, Sinnar - Shirdi Highway, Musalgaon  
Tal. Sinnar Dist.: Nashik

Located in the area declared under the provisions of the Water Act, Air act and Authorization under the provisions of HW (M&TM) Rules and amendments thereto subject to the provisions of the Act and the Rules and the Orders that may be made further and subject to the following terms and conditions:

1. The Consent to Operate is granted for a period up to : 31.12.2026
2. The Consent is valid for the manufacture of -

Sr. No.	Product Name	Maximum Quantity
1	Fabricated Crates Dunnage Folded Crates attached Lid Containers Folded Large Containers etc.	8120 MT
2	Racking Storage System like Mazannine Floor, Multitier Brackets, Upright, Beams Bracing, Spacer, Panels, Hook Connectors Support Rail, Base Plate and their Accessories.	31920 MT

(Only Dry Powder Coating, no any other activity permitted)

### 3. CONDITIONS UNDER WATER ACT:

(i) The daily quantity of trade effluent from the factory shall be 3.0 M3

(ii) The daily quantity of sewage effluent from the factory shall not exceed 2.0 M3.

(iii) **Trade Effluent Treatment:** The applicant shall provide comprehensive treatment system consisting of primary/secondary and / or tertiary treatment as is warranted with reference to the effluent quality and operate and maintain the same continuously so as to achieve the quality of the effluent to the following standards:

1	pH	Between	5.5 to 9.0
2	Oil & Grease	Not to exceed	10 mg/l
3	Suspended Solids	Not to exceed	100 mg/l
4	BOD 3 Days 27 degree C	Not to exceed	30 mg/l
5	COD	Not to exceed	250 mg/l
6	TDS	Not to exceed	2100 mg/l
7	Sulphate	Not to exceed	1000 mg/l
8	Chloride	Not to exceed	600 mg/l
9	Zinc )	Not to exceed	5 mg/l
10	Total metal	Not to exceed	10 mg/l



(iv) **Treated Effluent Disposal:** The treated effluent shall be reused in the process at maximum extent and remaining shall be used on the land for gardening purpose within the factory premises. There shall not be any discharge of effluent outside the factory premises.

(v) **Sewage Effluent Treatment:** The applicant shall provide comprehensive treatment system as is warranted with reference to influent quality and operate and maintain the same continuously so as to achieve the quality of treated effluent to the following standards.

1. Suspended Solids	Not to exceed	100 mg/l.
2. B.O.D. 3 days 27°C	Not to exceed	30 mg/l.

(vi) **Sewage Effluent Disposal:** The treated domestic effluent shall be used on land for gardening / plantation in scientific manner so as to avoid any sort of percolation and seepages in the ground water.

(vii) **Non-Hazardous Solid Wastes:**

Sr. No.	Type Of Waste	Quantity	UOM	Treatment	Disposal
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(viii) **Other Conditions:** Industry should monitor effluent quality regularly.

4. **The daily water consumption for the following categories is as under:**

(i) Domestic	...	4.5	CMD
(ii) Industrial Processing	...	7.0	CMD
(iii) Industrial cooling	...	0.00	CMD
(iv) Agriculture/Gardening	...	2.00	CMD

5. **CONDITIONS UNDER AIR ACT :**

The applicant shall install a comprehensive control system consisting of control equipments as is warranted with reference to generation of emission and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards:

a. **Control Equipment:**

Industry shall provide dust collector/ scrubber of sufficient capacity to control the emissions from processing section and same shall be operated continuously and effectively so as to avoid any sort of air pollution and smell nuisance problems in the surrounding area. There shall not be any secondary (fugitive) emissions.

b. **Standards for Emissions of Air Pollutants:**

(i)	SPM/TPM	Not to exceed	150	mg/Nm <sup>3</sup>
(ii)	SO <sub>2</sub>	Not to exceed	---	Kg/Day
(iii)	Acid mist	Not to exceed	35	mg/Nm <sup>3</sup>

c. **The applicant shall observe the following fuel pattern:-**

Sr. No.	Type Of Fuel	Quantity	UOM
1.	Diesel	80	Kg/hr

d. **The applicant shall erect the chimney(s) of the following specifications:-**

Sr. No.	Chimney Attached To	Height in Mtrs.
1.	Powder Coating Booth	11

e. The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents 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.



- f. The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB(A) during day time and 70 dB(A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
- g. **Other Conditions:**
- The industry should not cause any nuisance in surrounding area.
  - The industry should monitor stack emissions and ambient air quality regularly.
- h. **Conditions for D.G. Set:**
- Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
  - Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
  - The industry shall take adequate measures for control of noise levels from its own sources within the premises in respect of noise to less than 55 dB(A) during day time and 45 dB(A) during the night time. Day time is reckoned between 6 a.m. to 10 p.m and night time is reckoned between 10 p.m to 6 a.m.
  - Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
  - Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
  - A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use. D.G. Set shall be operated only in case of power failure.
  - The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set

**6. CONDITIONS UNDER HAZARDOUS & OTHER WASTE (MANAGEMENT & TRANSPORT MOVEMENT) RULES, 2016.**

- i. The Industry shall handle hazardous wastes as specified below.

Sr. No.	Type of Waste	Qty	UOM	Disposal
1.	21.1 (Residue & Waste)	-----	-----	Reuse in process
2.	5.1 Used or spent oil	25.0	Kg/M	CHWTSDF
3.	33.1 Empty barrels / containers / liners Contaminated with hazardous chemicals / wastes	156	Nos	CHWTSDF
4.	35.3 Chemical sludge from wastewater treatment	1.0	MT	CHWTSDF

- ii. **Treatment: - NIL**
- iii. The authorization is hereby granted to operate a facility for collection, storage, transport & disposal of hazardous waste.
- iv. The industry shall comply with the Hazardous & Other Waste (M&TM) Rules, 2016.
- v. The unit shall display and maintain the data at the factory main gate in Marathi & English both on a 6'x4' display board and the report the compliance alongwith photographs to the concerned Regional Office/ Sub Regional Office.



- vi. Hazardous waste shall be handled, managed & disposed off strictly in accordance with Hazardous & Other Waste (Management, Handling & Transboundary Movement) Rules, 2016 & submit compliance report to the concerned Regional Office/ Sub Regional Office in time bound manner.
7. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipment's, the production process connected to it shall be stopped.
- 8. Industry shall comply with following additional conditions:**
- i. The applicant shall maintain good housekeeping and take adequate measures for control of pollution from all sources so as not to cause nuisance to surrounding area / inhabitants.
  - ii. The applicant shall bring minimum 33% of the available open land under green coverage/ tree plantation.
  - iii. Solid waste - The non hazardous solid waste arising in the factory premises, sweepings, etc., be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal to dumping ground.
  - iv. The applicant shall provide for an alternate electric power source sufficient to operate all pollution control facilities installed by the applicant to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms & conditions of this consent regarding pollution levels.
  - v. The applicant shall not change or alter quantity, quality, the rate of discharge, temperature or the mode of the effluent / emissions or hazardous wastes or control equipments provided for without previous written permission of the Board.
  - vi. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous wastes to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
  - vii. The applicant shall make an application before 60 days before expiry of the said consent.**
  - viii. The firm shall submit to this office, the 30<sup>th</sup> day of September every year, the Environmental Statement Report for the financial year ending 31<sup>st</sup> March in the prescribed Form-V as pre the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992. As inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
  - ix. The applicant shall install a separate electric meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
  - x. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes / sewers down- stream of the terminal manholes. No effluent shall find its way other than in designed and provided collection System.
  - xi. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
  - xii. The industry shall obtain prior permission from the Board for any addition, moderation, expansion, change in products, alternation etc.



9. The Board can reserves the rights to revoke the consent or add/amend/revoke any condition in the said consent and the same shall be binding on the applicant.
10. The consent should not be construed as exemption from obtaining necessary NOC from any other Govt. agencies as may deem fit necessary.
11. The use of Banned Plastic and Thermocol Products as per Maharashtra Plastic and Thermocol Products Notification, 2018 is not permitted. The project proponent shall comply with Maharashtra Plastic & Themocol Products Notification,2018.
12. This Consent has overriding effect on previous consent to operate granted by vide no. RO-Nashik/ Consent/17120010000 dated 26.12.2017 having validity up to 31.12.2026.
13. The industry shall extended bank guarantee of Rs.500000/-having validity up to 30.04.2027 drawn in favour of Regional Officer, MPCB, Nashik towards compliance of consent conditions within period of 15 days from date of issue of the consent.
14. The Capital investment of the industry is Rs.9460.45 Lakhs (As per C.A. Certificate submitted by the industry).

(Amar B. Durgule)  
Regional Officer, Nashik

To,  
M/s. Nilkamal Limited,  
Plot no 971 A2-1, 971 b2-2, 971/1/2/1,  
STICE, Sinnar - Shirdi Highway, Musalgaon  
Tal. Sinnar Dist.: Nashik

**Copy to:**

- i. The Sub - Regional Officer, MPC Board, Nashik- He is directed to ensure the compliance of consent conditions and conditional restart directions issued by Board office.
- ii. Cess Wing/Statistical Wing/Air Wing/HWMH Wing, MPCB, Mumbai.

**Received Consent fee of -**

Transition /D.D.No.	Amount	Date
TXN2006000958	50000/-	18.06.2020



