

MAHARASHTRA POLLUTION CONTROL BOARD

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Orange/S.S.I

Date: 02/11/2017

Consent No: MPCB/17/11000087

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

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

CONSENT is hereby granted to

M/s. Paliwal Bricks.,
Kh No 236/B, 236/C, Bawangaon,
Tq. Saoner Dist. Nagpur.

located in the area declared under the provisions of the Water Act, Air act and Authorization under the provisions of H and OW (M and 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: 31/01/2020.

2. The Consent is valid for the manufacture of –

Sr. No.	Product Name	Maximum Quantity	UOM
	Bricks (using Fly Ash, Sand, Clay as a raw material)	700000	No/Month

3. CONDITIONS UNDER WATER ACT:

- (i) The daily quantity of trade effluent from the factory shall be NIL
(ii) The daily quantity of sewage effluent from the factory shall not exceed 0.60M³.

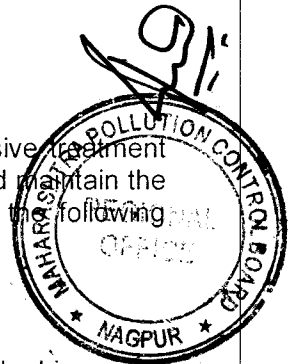
(iii) Trade Effluent : N.A.

(iv) Trade Effluent Disposal: N.A.

(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) | BOD 3 days 27o C. | Not to exceed | 100 | mg/l. |

(vi) **Sewage Effluent Disposal:** The treated domestic effluent shall be soaked in a soak pit, which shall be got cleaned periodically. Overflow, if any, shall be used on land for gardening / plantation only.



(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 applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 (to be referred as Cess Act) and amendment Rules, 2003 there under

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

(i) Domestic purpose	...	1.20 CMD
(ii) Water gets Polluted & Pollutants are Biodegradable	...	0.00 CMD
(iii) Water gets Polluted, Pollutants are not Biodegradable & Toxic	...	0.00 CMD
(iv) Industrial Cooling, spraying in mine pits or boiler feed	...	2.00CMD

The applicant shall regularly submit to the Board the returns of water consumption in the prescribed form and pay the Cess as specified under section 3 of the said Act.

5. CONDITIONS UNDER AIR ACT :

- (i) 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 and measures:

- i. The applicant shall provide induced draft brick kilns with rectangular kiln shape and zig zag brick setting as air pollution control system.
- ii. All the moving area around the main Brick Kiln should be paved with the bricks to minimize the fugitive dust emissions from the Brick Kiln operations.
- iii. Industry shall provide closed shed/room for storage of fly ash, sand and clay.
- iv. Fine dust shall not accumulate all around the Brick Kiln.
- v. Strictly follow the siting criteria guideline for Brick Kilns.
- vi. There shall be no nuisance due to transportation, handling and storage of raw material and finished products.
- vii. Regular ground wetting shall be carry out in order to avoid any fugitive emissions.
- viii. Transportation of Fly ash shall be carry out in closed type mechanical vehicle.
- ix. Regular dust cleaning shall be carry out within factory premises alongwith water sprinkling arrangement.
- x. Project Proponent shall carry out thick/massive tree plantation along the periphery Brick Kiln / Manufacturing unit from all side.

6. Standards for Stack Emissions:----

TPM not to exceed 150 mg/Nm³

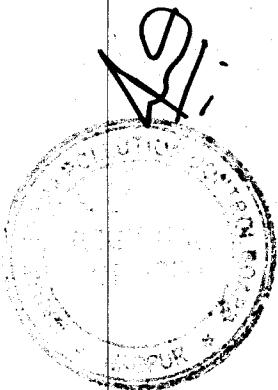
- (i) The applicant shall observe the following fuel pattern:-

Sr. No.	Type Of Fuel	Quantity	UOM
1.	Coal	1200	MT/Annum

- (ii) The applicant shall erect the chimney(s) of the following specifications:-

Sr. No.	Chimney Attached To	Height in Mtrs.
	Kiln	36

- (iii) 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.
- (iv) 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.

(vi) **Other Conditions:**

- 1) The industry shall not cause any nuisance in surrounding area.
- 2) The industry shall monitor ambient air quality regularly.

7. CONDITIONS UNDER HAZARDOUS and OTHER WASTES (MANAGEMENT & TRANSBOUNDRY MOVEMENT) RULES, 2016:

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

Sr. No.	Type Of Waste	Quantity	UOM	Disposal
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There shall be no generation of Hazardous waste.

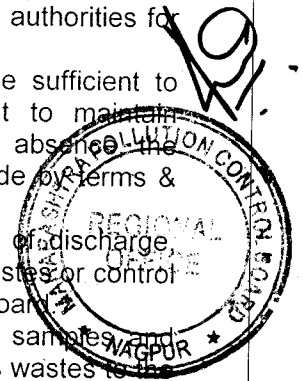
(ii) Treatment: - NIL

1. The authorization is hereby granted to operate a facility for collection, storage, transport & disposal of hazardous waste.
2. The industry should comply with the Hazardous and Other Wastes (M and TM) Rules, 2016.

- a. 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 of 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 for renewal of the consent at least 60 days before the date of the expiry of the consent.
- viii. The firm shall submit to this office, the 30th day of September every year, the Environmental Statement Report for the financial year ending 31st March in the



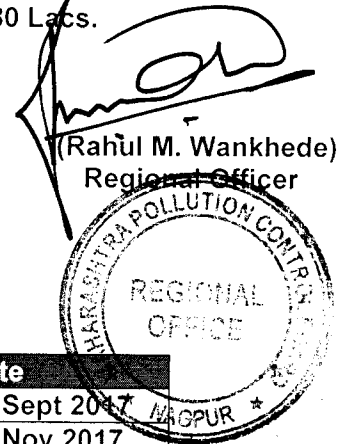
prescribed Form-V as per the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.

- ix. As inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
 - x. 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.
 - xi. 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.
 - xii. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
 - xiii. Whenever due to any accident or gas leakage 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 Collector, Directorate of Industry, Safety and Health, Police Station, Fire Brigade, Directorate of Health Services, Department of Explosives, Board and Local Body and the production process should be stopped by taking all necessary safety measure. The industry shall also monitor the emission and ensure that the emissions do not cause any harm or nuisance in the surrounding. The industry should not restart the process without permission of the Board and other statutory organization as require under the law.
9. The Board reserved the right to amend or add any conditions in this consent and the same shall be binding on the industry.
10. Industry shall also comply with the industry specific standards notified under Environment protection Act.
11. This consent shall not be construed as any exemption from obtaining necessary No objection certificate from any other Government organizations.
12. Project proponent shall strictly follow the Directions issued by Chairman, Central Pollution Control Board vide letter no IPC-V(SSl)/Brick Kiln/2017 /4890 dtd 27/06/2017.
13. Industry shall provide induced draft brick kilns (with rectangular kiln shape and Zig Zag brick setting) within two years period from the date of issue of this consent otherwise consent will be stands cancelled.
14. The Capital investment of the industry is Rs. 11.80 Lacs.

To,
M/s. Paliwal Bricks.,
Kh No 236/B, 236/C, Bawangaon,
Tq. Saoner Dist. Nagpur.

Received Consent fee of -

Sr. No.	Amount(Rs.)	DD. No.	Date
1	7500	TXN1709001958	20 Sept 2017
2	13500	TXN1711000030	01 Nov 2017



Copy submitted to favour of information to:-

Member Secretary, MPCB, Mumbai.

Copy forwarded for information:-

The chief Accounts officer, MPCB, Mumbai.

Copy to:- The Sub-Regional officer, Nagpur-I.