



Karnataka State Pollution Control Board

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REGIONAL OFFICE : Hoskote
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Pushpanjali Theatre, Basaveshwaranagar, Bangalore-
560079.
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Consent For Establishment (CFE) - (CfE-Fresh)

As per the provisions of
The Water (Prevention & Control of Pollution) Act, 1974
&
The Air (Prevention & Control of Pollution) Act, 1981

To

**Row House Building Project By K S Ramaswamy, KASABA HOBLI,
DEVANAHALLI TALUK, BANGALORE RURAL DISTRICT**

for the Facility located at,

**Row House Building Project By K S Ramaswamy, SY. NOS. 26/1 & 26/3
,KASABA HOBLI, DEVANAHALLI TALUK, BANGALORE RURAL
DISTRICT**

Bangalore Rural

Consent Order No	PCBID	INW ID	Industry Colour/Scale	Date of Issue
CTE-128075	216624	238029	GREEN/LARGE	16/07/2024

**This Consent is granted for the Products/ Activity/Service name indicated
in the annexure along with the terms & conditions attached to this order**

Validity : 31/12/2029

Combined Consent Order No: CTE-128075

PCB ID: 216624

GSC No : PB0XG0000228029

Date: 16/07/2024

To,

The Occupier,

Row House Building Project By K S Ramaswamy

K.S. RAMASWAMY, Residing
at Sy No. 7/1, Walton Road,
Bangalore- 560001

Sir,

Sub: Consent to Establish new activity under Water (Prevention & Control of Pollution) Act, 1974 & Air (Prevention & Control of Pollution) Act, 1981

Ref: 1.CFE application submitted by the industry/organization on 15/07/2024 at regional Office - Hoskote
2. Inspection of the project site by Regional Officer - Hoskote on 09/07/2024

With reference to the above, it is to be informed that, the Board hereby accords **Consent for Establishment** for new Activity under Water (Prevention & Control of Pollution) Act, 1974 & Air (Prevention & Control of Pollution) Act, 1981 at the location indicated below subject to the following terms & conditions

Location:

Name of the Industry: Row House Building Project By K S Ramaswamy

Address: SY. NOS. 26/1 & 26/3, KASABA HOBLI, DEVANAHALLI TALUK, BANGALORE RURAL DISTRICT

Industrial Area: Not In I.A, GUTTAHALLI VILLAGE,

Taluk: Devanahalli, District: Bangalore Rural

1. This consent for establishment is valid up to **31/12/2029** from the date of issue.
2. The applicant shall not undertake expansion/diversification without the prior consent of the Board.
3. The applicant shall obtain necessary license/clearance from other relevant statutory agencies as required under the law.
4. This consent is granted considering the following activities:

Sr	Product Name	Applied Qty	Unit
1	Residential Row Houses 29 units with a total built up area of 17,285.21 Sq.mtrs in a total site area of 16,103.90 Sq.mtrs	17285.2100	Meter Square

I. WATER CONSUMPTION:

1. The source of water shall be from **Gram panchayat** and total water consumption shall be as below.

Particulars	Water consumption(KLD)
Domestic Purpose	35.0

II. WATER POLLUTION CONTROL:

1. The industry shall treat the domestic wastewater from the factory in septic tank with soak pit. No overflow from the soak pit is allowed. The septic tank and soak pit shall be designed as per IS 2470 Part – I and Part – II.
- 2(a). The industry shall treat the domestic wastewater in the Sewage Treatment Plant (STP) as per the proposal submitted. It shall meet the standards specified in Annexure-I & shall be used on land for gardening/greenbelt within the factory premises.
- 2(b). Domestic Sewage shall be discharged to Underground drainage System/ Sewers owned by Local body.

Discharge of effluents under the Water Act:

Sl. No.	Description	Permitted Quantity of discharge in KLD	Mode/Place of disposal
1	Domestic Purpose	32.000	-

III. AIR POLLUTION CONTROL:

1. The Source of emission, Stack height & Air Pollution Control (APC) measures shall be as specified in ANNEXUR-II.

IV. NOISE POLLUTION CONTROL:

The applicant shall ensure that the ambient noise levels within its premises during construction and during operational period shall not exceed w.r.t Area/Zone as per Noise Pollution (Regulation and Control) Rules, 2000 as mentioned below:-

- a) In Industrial Area 75 dB(A) Leq during day time and 70 dB(A) Leq during night time.
- b) In Commercial Area 65 dB(A) Leq during day time and 55 dB(A) Leq during night time.
- c) In Residential Area 55 dB(A) Leq during day time and 45 dB(A) Leq during night time.
- d) In Silence Zone 50 dB(A) Leq during day time and 40 dB(A) Leq during night time.

Note: - * Day time shall mean 6 am to 10 pm and Night time shall mean 10 pm to 6 am.

- * dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.
- * A “decibel” is a unit in which noise is measured.
- * “A”, in dB(A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to frequency response characteristics of the human ear.
- * Leq: It is an energy mean of the noise level over a specified period.

V. SOLID WASTE (OTHER THAN HAZARDOUS WASTE) DISPOSAL:

1. The industry shall collect, treat and dispose off all solid waste generated from the process other than wastes covered under the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules 2008, in such manner so as not to cause environmental pollution.
2. The details of solid waste generated from the proposed plant and mode of disposal shall be as below.

Sr.No	Solid Waste Name/Type	Qty-Unit
1	Organic waste	1.6500 - M.T
2	In organic waste	1.0800 - M.T

VI. HAZARDOUS AND OTHER WASTES (MANAGEMENT & TRANSBOUNDRY MOVEMENT) RULES 2016:

1. The industry shall apply and obtain authorization under Hazardous and Other Wastes (Management & Transboundary Movement) Rules 2016, and comply with the conditions of the authorization. The applicant shall apply for authorization along with the consent for operation (CFO) application under the Rules in Form-I to obtain authorization and comply with conditions.

VII. GENERAL:

1. The applicant shall obtain prior permission from the competent authority for drawing of water from Surface/Ground water source and submit a copy of the same to the Board.
2. The industry shall transport and store the raw materials in a manner so as not to cause any damage to environment, life and property. The applicant shall be solely responsible for any damages to environment.
3. The industry shall not commission the proposed plant for trial or regular production unless necessary Water & air pollution control equipments are installed as specified in the Consent Order.
4. The industry shall ensure that the treatment plant and control equipments are completed and commissioned simultaneously along with construction of the factory and erection of machineries.
5. The industry shall not change or alter (a) raw materials or manufacturing process, (b) change the products or product mix (c) the quality, quantity or rate of discharge/emissions and (d) install/replace/alter the water or air pollution control equipments without the prior approval of the Board.
6. The industry shall immediately report to the Board of any accident or unforeseen act or event resulting in release of discharge of effluents or emissions or solid wastes etc. in excess of the standards stipulated. And the industry shall immediately take appropriate corrective and preventive actions under intimation to the Board.
7. The Board reserves the right to review, impose additional condition or conditions, revoke, change or alter the terms and conditions.
8. This CFE does not give any right to the Party/Project Authority/Industry to forego any other legal requirement, that is necessary for setting/operation of the plant.
9. The industry shall furnish pointwise compliance to the conditions given under this consent for establishment along with the application for Consent to operate.
10. The applicant is liable to reinstate or restore, damaged or destroyed elements of environment at his cost, failing which, the applicant/occupier as the case may be shall be liable to pay the entire cost of remediation or restoration and pay in advance an amount equal to the cost estimated by Competent Agency or Committee.
11. The Project authorities shall apply and obtain prior consent of the Board for any new air pollution sources in future.

Please note that this is only consent for establishment issued to you to proceed with the formalities for establishment of the industry and does not give any right to proceed with trial/regular production. For this purpose, separate consents of the Board for discharge of liquid effluent and the emissions to the air shall have to be obtained by remitting prescribed consent fee. The application for consent has to be made 120 days in advance of commissioning for trial production of the plant.

The receipt of this letter may please be acknowledged.

Consent Fee paid	: Rs. 15000
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Note:

The following Conditions Nil mentioned above are not applicable.

COPY TO:

1. Master copy (Dispatch).
2. Office copy.

ANNEXURE- I

Sno	Characteristics	Tolerance Limits
1	Colour and Odour	See Note
2	Suspended Solids, mg/l.max	30
3	pH Value	5.5 to 9.0
4	Oil and Grease, mg/l, Max	10
5	Bio-chemical Oxygen Demand, mg/l, max (3 days at 27 deg/Centigrade)	20

Note: All efforts should be made to remove colour and unpleasant odour as far as practicable.

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Chi m.N o.	Chimney attached to	KVA Rating/ Capacity	Minimum chimney height to be provided above ground level (in Mtr)	Constituents to be controlled in the emission	Tolerance limits mg/NM3	Air pollution Control equipment to be installed,in addition to chimney height as per col.(4)	Date of which air pollution control equipments shall be provided to achieve the stipulated tolerance limits and chimney heights conforming to stipulated heights.
1	D.G. Sets	250 kVA X 2 Nos.	3	PM,SO ₂ ,NO _x ,CO, NMHC	0,0,0,0,0	AEC	

Note:

Additional Conditions:





LOCATION OF SAMPLING PORTHOLES, THE PLATFORMS, THE ELECTRICAL OUTLET.

1. Location of Portholes and approach platform:

Portholes shall be provided for all Chimneys, stacks and other sources of emission. These shall serve as the sampling points. The sampling point should be located at a distance equal to at least eight times the stack or duct diameter downstream from any flow disturbance such as bend, expansion, contraction and visible flame. Further, the selected port has to be at least 2 stack/duct diameter before stack/duct exit or from any other flow disturbance. For rectangular stacks, an equivalent diameter can be calculated using following expression.

$$\text{Equivalent Diameter} = \frac{2 (\text{Length} \times \text{Width})}{(\text{Length} + \text{Width})}$$

2. The diameter of the sampling port should not be less than 3". Arrangements should be made so that the porthole is closed firmly during the period when it is not used for sampling.
3. An easily accessible platform to accommodate 3 to 4 persons to conveniently monitor the stack emission from the portholes shall be provided. Arrangements for an Electric Outlet Point off 230 V 15 A with suitable switch control and 3 Pin Point shall be provided at the Porthole location.

FOR AND ON BEHALF OF
KARNATAKA STATE POLLUTION
CONTROL BOARD

ANNEXURE-III

ADDITIONAL CONDITIONS

This "Consent for Establishment" is issued for the Row houses project by M/s Row House Building Project By K S Ramaswamy, Sy.No.26/1 & 26/3, Guttahalli Village, Kasaba Hobli, Devanahalli Taluk, Bengaluru Rural District.

1. The applicant shall be liable to maintain requisite buffers from the roads, water bodies and Nalas if any as per the norms of Plan Approval Authorities
2. The total number of floors shall not exceed Slit Floor + Ground floor + 2 upper floors and Terrace with a total built up area of 17,285.21 sq. meters in a total site area of 16103.90 sq. meters
3. The sewage generation quantity from the proposed apartment project shall not be more than 32 KLD at any point of time without prior consent of the Board.
4. The applicant shall provide Sewage Treatment Plant of 35 KLD capacity and the treatment units shall be as per the design details submitted. The applicant shall provide sewage treatment plant with SBR technology as per the proposal submitted along with the application.
5. The applicant shall construct the Sewage Treatment Plant away from the Natural nalas/water bodies and Lake if any.
6. The Sewage Treatment Plant units shall be constructed above the ground level and all the treatment units shall be impervious.
7. The applicant shall be bound to operate the Sewage Treatment Plant continuously and scientifically so as to treat the sewage effluent to the standards Stipulated below;

Sl.No	Parameters	Standards
1.	pH	6.5-9.0
2.	BOD	Not More Than 10
3.	COD	Not More Than 50
4.	Suspended Solids	Not More Than 20
5.	Ammonical Nitrogen	Not More Than 5
6.	Total Nitrogen	Not More Than 10
7.	Fecal Coliform	Less Than 100

8. The applicant shall provide a separate overhead tank for storing the treated sewage effluent and also shall lay a separate treated sewage effluent supply line connecting every Toilet closet to facilitate the toilet user to use the treated sewage for toilet flushing.
9. The applicant shall maintain landscape of 2,416 sq. meters and treated sewage effluent shall be utilized for the same.
10. The applicant shall provide Organic waste converter of adequate capacity for composting of organic waste.
11. The applicant shall provide solar lighting systems at drive ways and solar heating systems.
12. There shall be an alternative source of power to operate the STP continuously in the event of BESCOM power failure.
13. The applicant shall install sign boards such as "Danger/ಅಪಾಯಕಾರಿ" and "Don't drink treated sewage effluent"/ಶುದ್ಧೀಕರಿಸಿದ ತ್ಯಾಜ್ಯ ನೀರನ್ನು ಕುಡಿಯಬೇಡಿ" at STP area and treated sewage application areas.

[Signature]
Environmental Officer,
Regional Office- Hoskote