



## Karnataka State Pollution Control Board

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No.49, Church Street, Bengaluru-560001  
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**REGIONAL OFFICE** : Bengaluru Byatarayanapura  
First Floor, "Nisarga Bhavan", Thimaiah Main Rd, 7th  
'D' Main, 3rd Stage, 2nd Block, Shivanagar, Opp  
Pushpanjali Theatre, Basaveshwaranagar, Bengaluru-  
560079.  
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### Consent For Operation(CFO-Air,Water) - (CfO-Fresh)

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

To  
M/s. Mukka Proteins Limited.,,

for the Facility located at,  
M/s. Mukka Proteins Limited.,, Sy No. 265/1, 265/2 & 265/3, Bagalur Village,  
Jala Hobli, Bengaluru North Taluk, Bengaluru. ,  
Bangalore Urban

| Consent Order No | PCBID  | INW ID | Industry Colour/Scale | Date of Issue |
|------------------|--------|--------|-----------------------|---------------|
| AW-131697        | 251459 | 335555 | GREEN/LARGE           | 07/07/2025    |

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

**Validity through: 07/07/2025 to 31/12/2039**

Combined Consent Order No: AW-131697

PCB ID: 251459

GSC No : PB0XG0000325555

Date: 07/07/2025

**Combined consent for discharge of effluents under the Water (Prevention and Control of Pollution) Act , 1974 and emission under Air (Prevention and Control of Pollution) Act , 1981**

Ref: 1. Application filed by the industry / organization on 03/07/2025  
 2. Inspection of the Industry/organization/by RO, - Bengaluru Byatarayanapura on 30/06/2025

Consent is hereby granted under Section 25(4) of the Water (Prevention & Control of Pollution) Act, 1974 ( herein referred to as the Water Act) & Section 21 of Air (Prevention & Control of Pollution) Act, 1981, ( herein referred to as the Air Act) and the Rules and Orders made there under and subject to the terms and conditions as detailed in the Schedule Annexed to this order.

The Occupier is authorized to operate /carryout industry/activity & to make discharge of the effluents & emissions confirming to the stipulated standards from the premises mentioned below:

**Location:**

Name of the Industry: M/s. Mukka Proteins Limited.,  
 Address: Sy No. 265/1, 265/2 & 265/3, Bagalur Village, Jala Hobli, Bengaluru North Taluk, Bengaluru.,  
 Industrial Area: Not In I.A, Bagalur Village,  
 Taluk: Not in BBMP Area, District: Bangalore Urban

**Discharge of effluents under the Water Act:**

| Sr | Water Code       | WC(KLD) | WWG(KLD) | Remark  |
|----|------------------|---------|----------|---|
| 1  | Domestic Purpose | 2.250   | 1.800    | Shall be disposed into Septic tank and Soak pit |

**Discharge of Air emissions under the Air Act from the following stacks etc.**

| Sl. No.  | Description of chimney/outlet | Limits specified refer schedule |
|--|-------------------------------|---------------------------------|
| The details of Sources, control equipments and its specification, type of fuel, rate of emissions, constituents to be controlled in emissions etc. are detailed in Annexure-I. |                               |                                 |

The consent for operation is granted considering the following activities/Products;

| Sr | Product Name   | Applied Qty | Unit                |
|----|--|-------------|---------------------|
| 1  | wet waste processing activity using black soldier fly technology | 6000.0000   | Metric Tonnes/month |

**This consent is valid for the period from 07/07/2025 to 31/12/2039**

To,

M/s. Mukka Proteins Limited.,  
 Sy No. 265/1, 265/2 & 265/3, Bagalur  
 Village, Jala Hobli, Bangalore North Taluk

**NOTE:**

The following Conditions A.7 & Annexure-I. mentioned above are not applicable.

**COPY TO:**

1. Master Register.
2. Case file.

Consent Fee paid : Rs. 1020000

**SCHEDULE**

**TERMS AND CONDITIONS**

**A. TREATMENT AND DISPOSAL OF EFFLUENTS UNDER THE WATER ACT.**

1. The discharge from the premises of the occupier shall pass through the terminal manhole/manholes where from the B
2. The sewage/domestic effluent shall be treated in septic tank and with soak pit. No overflow from the soak pit is allow
- OR
3. The treated sewage effluent discharged shall conform to the standards specified in Annexure-I.
4. The occupier shall install flow measuring/recording devices to record the discharge quantity and maintain the reco
5. The occupier shall not change or alter either the quality or the quantity or the place of discharge or temperature or th
6. The Occupier shall not allow the discharge from the other premises to mix with the discharge from his premises. Storm
7. Domestic Sewage shall be discharged to Underground drainage System/ Sewers owned by Local body.

**Additional Conditions:**

1. The applicant shall submit an agreement/MOU made with authorized vendors/agencies for collection of wet waste for this activity within 30 days.
2. The applicant shall submit general license obtained from the Panchayath/BBMP to this office immediately.
3. The applicant shall submit approved building plan/layout plan from the competent authority to this office immediately.
4. The applicant shall submit plan of Action on disposal of black solids flies grown up larvae within 30 days.
5. The Applicant shall also comply with the conditions mentioned in the uploaded documents.



**B. EMISSIONS:**

1. The discharge of emissions from the premises of the applicant shall pass through the air pollution control equipment and discharged through stacks/chimneys mentioned in **Annexure-I** where from the Board shall be free to collect the samples at any time in accordance with the provisions of the Act and Rules made there under.
2. The occupier shall provide port holes for sampling of emission, access platforms for carrying out stack sampling, electrical points and all other necessary arrangements including ladder as indicated in Annexure-II.
3. The Occupier shall upgrade/modify/replace the control equipment with prior permission of the Board.

**C. MONITORING & REPORTING:**

1. The occupier shall get the samples of effluents & emissions collected and get them analyzed once a month for the parameters.

**D. SOLID WASTE (OTHER THAN HAZARDOUS WASTE) DISPOSAL:**

1. The Occupier shall segregate solid waste from Hazardous Waste, Municipal Solid Waste and store it properly till treatment/disposal without causing pollution to the surrounding Environment.
2. The solid waste generated shall be handled & disposed by scientific method without causing eye sore to the general public and to the surrounding environment.

**E. 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.

**F. GENERAL CONDITIONS:**

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 Board reserves the right to review, impose additional conditions, revoke, change or alter terms and conditions of this consent.
3. The Occupier shall forthwith keep the Board informed of any accidental discharge of emissions/effluents into the atmosphere in excess of the standards laid down by the Board. The applicant shall also take corrective steps to mitigate the impact.
4. The Occupier shall provide alternative power supply sufficient to operate all Pollution control equipments.
5. The entire premises shall always be kept clean. The effluent holding area, inspection chambers, outlets, flow measuring points should made easily approachable.
6. The Occupier shall display the consent granted in a prominent place for perusal of the inspecting officers of the Board.
7. The Occupier his heirs, legal representatives or assigns shall have no claims what so ever to the continuation or renewal of this consent after expiry of the validity of consent.
8. The Occupier shall make an application for consent at least 120 days before expiry of this consent.
9. The occupier shall maintain register recording the ambient air quality and stack monitoring. The register shall be open for inspection by the Board Officers at all time.

| <b><u>Annexure-I</u></b> |  |                         |
|--------------------------|--|-------------------------|
| <b>S/no</b>              | <b>Characteristics</b>   | <b>Tolerance Limits</b> |
| 1                        | Colour and Odour   | See Note                |
| 2                        | Suspended Solids, mg/l.max   | 30                      |
| 3                        | 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.



**Annexure-II**

| Chim. No. | 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 on 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           | DG Set - 500 KVA x 1 No. | 5   | PM, SO <sub>2</sub> , NO <sub>x</sub>         | 150, 100, 50, ---, ---  | AEC   | ---   |

Note:

AEC : Accoustic Enclosures

**Note:**

1. The DG set shall be provided with acoustic measures as per SI.No.94 in Schedule-I of Environment (Protection) Rules.
2. There shall be no smell or odour nuisance from the industry.

**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 diameters downstream and two diameters upstream from source of low disturbance such as a Bend, Expansion, Construction Valve, Fitting or Visible Flame for rectangular stacks, the equivalent diameter can be calculated from the following equation.

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

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