



Acharya Bangalore B-School

(Affiliated to Bangalore University, Approved by AICTE & Recognized by Govt. of Karnataka)
(Re-accredited with NAAC 'A' grade)

Aspire. Accelerate. Achieve.

7.1.3

WASTE MANAGEMENT AND RECYCLING AGREEMENT



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WASTE MANAGEMENT



Consent For Operation (CFO-Air,Water)

Karnataka State Pollution Control Board
Zonal Office : Bangalore North,
Urban Eco Park, 3rd Floor, 100 Feet Road, 3rd Phase, Peenya
Industrial Area, Bangalore-560058
Tele : 080-28378716

Industry Colour:
ORANGE

Industry Scale: LARGE

(This document contains 8 pages including annexure & excluding additional conditions)

Combined Consent Order No: AW-318370 PCB ID: 86248 Date: 16/06/2020

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 31/03/2020

2. Inspection of the Industry/organization/by RO, on 02/06/2020

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, (here in 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: Samagra Shikshana Samithy Trust

Address: sy no 3, SAMAGRA SHIKSHANA SAMITHY TRUST

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

Taluk: BBMP- W- 41, District: Bangalore Urban

Discharge of effluents under the Water Act:

Sr	Water Code	WC(KLD)	WWG(KLD)	Remark
1	Domestic Purpose	50.000	40.000	To be treated at STP of Capacity 50 KLD and treated sewage is to be used for gardening

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/Month	Unit
1	samagra shikshana samithy trust (regd)	1.0000	NOS

This consent is valid for the period from 01/01/2020 to 30/09/2029



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To,

Samagra Shikshana Samithy Trust

SY NO:03, LINGADAHALLI
VILLAGE,BANGALORE
NORTH TALUK, OFF
MAGADI MAIN
ROAD,VISHW

NOTE:

The following Conditions Nil mentioned above are not applicable.

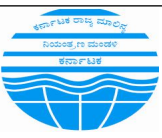
Additional Conditions:

1. The organic waste to be converted as manure at organic waste converter and used as manure
2. Conditions A 2(a), 3(a) & 3(b) are not applicable

COPY TO:

1. The Regional Officer, **Bangalore Dasarahalli** for information and necessary action.
2. Master Register.
3. Case file.

Consent Fee paid : Rs. 271000



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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 Board shall be free to collect samples in accordance with the provisions of the Act/Rules made there under.
- 2(a). The sewage/domestic effluent shall be treated in septic tank and with soak pit. No overflow from the soak pit is allowed. The septic tank and soak pit shall be as per IS 2470 Part-I & Part-II.
- 2(b). The treated sewage effluent discharged shall conform to the standards specified in Annexure-I.
- 3(a). The trade effluent generated in the industry shall be treated in the ETP and treated effluent shall confirm to the standards stipulated by the Board in Annexure-1
- 3(b). The trade effluent shall be handed over to CETP and maintain logbook of effluent generated & sent every day.
4. The occupier shall install flow measuring/recording devices to record the discharge quantity and maintain the record.
5. The occupier shall not change or alter either the quality or the quantity or the place of discharge or temperature or the point of discharge without the previous consent/ permission of the Board.
6. The Occupier shall not allow the discharge from the other premises to mix with the discharge from his premises. Storm water shall not be allowed to mix with the effluents on the upstream of the terminal manhole where the flow measuring devices are installed.

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-II** 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/ Indicated in Annexure** for the parameters.



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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:

1. The industry shall ensure that the ambient noise levels within its premises shall not exceed the limits i.e 75 dB(A) Leq during day time and 70 dB(A) Leq during night time as specified in the Environment (Protection) Rules.

F. GENERAL CONDITIONS:

1. The Board reserves the right to review, impose additional conditions, revoke, change or alter terms and conditions of this consent.
2. 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.
3. The Occupier shall provide alternative power supply sufficient to operate all Pollution control equipments.
4. The entire premises shall always be kept clean. The effluent holding area, inspection chambers, outlets, flow measuring points should made easily approachable.
5. The Occupier shall display the consent granted in a prominent place for perusal of the inspecting officers of the Board.
6. 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.
7. The Occupier shall make an application for consent at least 45 days before expiry of this consent.
8. 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.

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



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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	50 KVA	9	PM(mg/NM3),SO2(PPM),NOx (PPM)	0,0,0	AEC	---
2	D.G. Sets	125 KVA	9	PM(mg/NM3),SO2(PPM),NOx (PPM)	0,0,0	AEC	---

Note:

AEC : Accoustic Enclosures

Note:

1. The Noise levels within the premises shall not exceed 75 dB (A) leq during day time and 70 dB(A) leq during night time respectively.
2. The DG set shall be provided with acoustic measures as per SI.No.94 in Schedule-I of Environment (Protection)Rules.
3. There shall be no smell or odour nuisance from the industry.



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

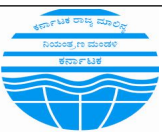
1. Location of Portholes and approach platform:

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 atleast 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 the
Karnataka State Pollution Control
Board



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RECYCLING AGREEMENT



Letter of Agreement

This Agreement sets forth the terms and understanding between Hasiru Dala and Acharya Bangalore B-School on this day of 24th September 2021.

Purpose:

The purpose of this Agreement between Hasiru Dala and Acharya Bangalore B-School is to engage the students of the school in volunteering activities in the areas where Hasiru Dala is working. Hasiru Dala is a social impact organization that works with the waste pickers and other waste workers to ensure a life with dignity.

The different constituencies where Hasiru Dala is working are: Jayanagar, Shantinagar, Sarvagna nagar, Mahalakshmi Layout, Bangalore South, Pulikeshi Nagar Mahadevapura and Chamrajpet divisions.

Listing out the activities where Hasiru Dala is involved:

1. Awareness among the stakeholders involved in the waste creation, collection and processing including Citizens, especially children, sanitation workers, waste pickers around segregation, hygiene practices, plastic ban, impacts of garbage burning, reducing black spots through clean up drives and addressing health issues due to improper disposal of garbage.
2. Hasiru Dala's engagement in Brand Audit activities.
3. Post Covid, Hasiru Dala is engaged in food relief work like ration distribution, vegetables and Food distribution.
4. Hasiru Dala is extending medical help to the community by facilitating testing, vaccination drives and distribution of care kits.
5. In anticipation of the next wave of Covid, Hasiru Dala will be looking forward for help in setting up and operations of the Isolation center and getting the infected people of the community to these Isolation centers.
6. Hasiru Dala manages 40 Dry Waste Collection centers at this point and will soon be doing 59 centers. There is opportunity for one day large number volunteer activity in cleaning and painting
7. Hasiru Dala engage in community through street theater

Timeline:

This Agreement will be valid for one year from the date of signing. In case of early termination by either of the parties, a one-month notice period would be required.



Role of Hasiru Dala:

- Will take the lead in training students volunteering from Acharya Bangalore B-School when required.
- Support Acharya Bangalore B-School in planning events and activities to enhance and implement Hasiru Dala's Vision.
- Coordinate documentation and dissemination of the work if required by the volunteers.
- Coordinate and help in the final report by volunteers if required by the Acharya Bangalore B-School.
- Will provide attendance and certificates to students for the volunteering work as required by Acharya Bangalore B-School.
- Students will not be involved in rally or protests or any political/religious activities

Role of Acharya Bangalore B-School:

- To allocate dedicated student volunteers who would want to be a part of Hasiru Dala's work.
- Coordinate and execution of Hasiru Dala's work will involve
 - Its existing Bangalore audience.
 - New audiences where possible.
 - Share positive case studies of Hasiru Dala's work above execution will be done with permission from Hasiru Dala's coordinator
- The cost of students participation, if there any will be borne by the ABBS
- Coordinate and cooperate with Hasiru Dala's staff and adhere to all the policies of the organisation. All these activities happening in different wards where Hasiru Dala is working, is a collaborative effort led by local citizens, elected representatives and BBMP officials with Hasiru Dala and Acharya Bangalore B-School.

Any success or failure of these efforts will belong to all, so we will all be equal partners in the progress of the efforts in these wards. Public acknowledgement of the contribution has to be collective and cannot be held by a single entity.

Bianca Fernandes will be the lead from Hasiru Dala to engage with the student volunteers and Ms. Niveditha P. Devadiga will be the lead in Acharya Bangalore B-School for the same. With a hope of effective collaboration.

Nalini Shekar

Executive Director
Hasiru Dala

Mr. Ajitesh Basani

Executive Director
Acharya Bangalore B-School

Dr. Vijaya Bhaskar

Principal
Acharya Bangalore B-School