



**Consent For Establishment -Expand
(CFE-EXP)**

PCB ID: 11453

**Consent No. CTE-325586 Valid
upto: 22/06/2026**

**Karnataka State Pollution Control Board
Zonal Office : Bangalore South,
Nisarga Bhavan 3rd Floor,Thimmaiah Road,7th D Cross,
Shivanagar,Bangalore-560010
Tele : 080-23228862**

Industry Colour:
ORANGE

(This document contains 7 pages including annexure & excluding additional conditions)

Consent Order No: CTE-325586

Date: 07/07/2021

To,
The Occupier,
Renewsys India Private Limited
Plot No. 21 & Part of 22,
Bommasandra Jigani Link
Road, Anekal Taluk,
Bengaluru

Sir,

Sub: Consent for Expansion of the unit in the Existing premises under Water (Prevention & Control of Pollution) Act,1974 & Air (Prevention & Control of Pollution) Act, 1981

Ref: 1.CFE expansion application submitted by the organization on 28/04/2021
2.Inspection of the project site by Regional Officer on 18/06/2021

With reference to the above, it is to be informed that, the Board hereby accords **Consent for Expansion** of the unit in the existing premises under Water (Prevention & Control of Pollution) Act, 1974 & Air (Prevention & Control of Pollution) Act, 1981 at the location indicated below subject to the following conditions.

Location:

Name of the Industry: Renewsys India Private Limited
Address: Plot No. 21 & Part of 22, 23, Bommasandra Jigani Link Road,, Bangalore
Industrial Area: Bommasandra Jigani Link Road, Bommasandra-Jigani Link road,
Taluk: Anekal-Jigani hobli, District: Bangalore Urban

1. The Consent for Expansion is granted considering the following activities:

Sr	Product Name	CFE Qty	CFO Qty	Applied Qty/Month	Units	Existing/Proposed
1	prima line (manufacturing of beva blown film)	187.0000	187.0000 - M.T	0.000	M.T	Existing
2	solar pv panel back sheet	286.1660	0.000 - M.T	286.1660	M.T	Proposed
3	solar pv panel eva encapsulate sheet	860.0000	0.000 - M.T	860.0000	M.T	Proposed

- This consent for establishment is valid up to 22/06/2026 from the date of issue.
- The applicant shall not undertake further expansion/diversification without the prior consent of the Board.
- The applicant shall obtain necessary license/clearance from other relevant statutory agencies as required under the law.



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I. WATER CONSUMPTION:

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

Particulars	Water Consumption(KLD)	Water Discharge(KLD)	Water Source	Existing/Proposed
Cooling Water	9.5	0.0	Borewell	Proposed
Domestic Purpose	4.5	3.6	Borewell	Proposed
Others	8.3	0.0	Borewell	Proposed

II. WATER POLLUTION CONTROL:

1. The sewage/domestic effluent shall be treated in Septic Tank 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. The Effluent Treatment Plant proposal is generally agreeable and shall be constructed as per the specifications mentioned in the proposal and it shall consist of following units.

3. *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.*

4. If the treatment plant does not achieve the effluent standards stipulated under condition (2) above or if it is found to be inadequate, then the industry shall have to modify the units so as to meet the standards with prior consent of the Board.

5. All the treatment units shall be totally impervious.

6. The applicant shall provide separate flow meter for measuring the quantity of effluents through ETP and separate energy meter and shall maintain a logbook for the verification of inspecting officers.

7. The applicant shall operate and maintain Treatment Plant continuously and maintain regular log-books/ operation records.

8. There shall not be any increase in generation of Domestic waste water due to proposed expansion.

III. AIR POLLUTION CONTROL:

1. The type of emissions, stack heights and the air pollution control equipment for the air pollution control sources to be installed as specified in **Annexure-II**.

2. The discharge of emissions from the air pollution sources shall pass through the 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.

3. The stacks shall have port holes and platforms as per the guidelines specified in **Annexure-II** to facilitate monitoring of emissions.

4. The applicant shall upgrade/modify/replace the control equipments if they are found inadequate to meet the standards stipulated. Prior permission of the Board shall be obtained for the same.



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

1. The applicant shall collect, treat and dispose off all solid waste generated during construction i.e. Muck, and Garbage after construction if any in such manner so as not to cause environmental pollution.
2. The details of solid waste generated from the expansion activity shall be as follows

Sr	Solid Waste Name	Qty-Unit	Existing/Proposed
1	Chopped EVA Sheet trim	18.4500 - M.T	Existing
2	Chopped EVA Sheet trim	36.9000 - M.T	Existing
3	Excess Trim waste	39.0000 - M.T	Existing
4	Beva sheet film	37.5000 - M.T	Existing
5	Chopped back sheet trim	11.4000 - M.T	Existing
6	Chopped EVA sheet trim	37.3900 - M.T	Existing
7	Chopped back sheet trim	15.2000 - M.T	Existing

**V. 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.

VI. NOISE POLLUTION CONTROL:

1. The industry shall ensure that the ambient noise levels within its premises will 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.

VII. GENERAL CONDITIONS:

1. 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.
2. The industry shall not commission the proposed plant for trial or regular production unless necessary pollution control measures are installed as specified in this Consent Order.
3. 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.
4. 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.



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5. 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.
6. The industry 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 in advance an amount equal to the cost estimated by Competent Agency or Committee.
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 point wise compliance to the conditions given under this consent for establishment within 30 days.

Please note that this is only consent for establishment issued to you to proceed with the formalities for expansion of the industry and does not give any right to proceed 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 45 days in advance of commissioning for trial production of the plant.
The receipt of this letter may please be acknowledged.

Consent Fee paid : Rs. 251220

Encl.: Annexure-I & II.

NOTE:

The following Conditions mentioned above are not applicable.



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Additional Conditions:

1.CFE is issued as per information provided by P/A & on basis of I/R and recommendation of RO.In case of any false information/violations, CFE will be withdrawn without any further intimation.2.There shall not be discharge of trade effluents or sewage outside the premises.

COPY TO:

1. The Regional Officer, Bangalore Anekal for information and necessary action
2. Master copy (Dispatch).
3. Office copy.

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	Minimum chimney height to be provided above ground level (in Mtr)	KVA Rating / Capacity	Tolerance limits mg/NM3	Air pollution Control equipment to be installed, in addition to chimney height as per col.(3)	Date on which air pollution control equipments shall be provided to achieve the stipulated tolerance limits and chimney heights conforming to stipulated heights.	Existing/Proposed
1	Any Other	13	PNG Hot water generator (Propo)	---	ESP	Before commissioning.	Proposed
2	Any Other	20	Thermic fluid heater (Existing)	---	ESP	Before commissioning.	Existing
3	D.G. Sets	25	630KVA* 2nos (Existing)	---	AEC	Before commissioning.	Existing
4	D.G. Sets	25	1250KVA (Proposed)	---	AEC	Before commissioning.	Proposed

Note:

ESP : E.S.P

AEC : Accoustic Enclosures

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.



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FOR AND ON BEHALF OF
KARNATAKA POLLUTION CONTROL BOARD

