Consent For Establishment (CFEs)

Consent No. CTE-319266 Valid upto: 13/01/2027

Karnataka State Pollution Control Board
Parisara Bhavana,No.49, Church Street,Bengaluru-560001
Tele : 080-25589112/3, 25581383
Fax:080-25586321
email id: ho@kspcb.gov.in

Industry Colour: RED Industry Scale: LARGE

(This document contains 5 pages including annexure & excluding additional conditions)

Consent Order No. CTE-319266 **PCB ID:** 83089 **Date.** 27/07/2020

To,

The Applicant

M/s Sangamnath Sugars Ltd

1st Gate, KSSIDC, 3rd Cross,
Industrial Estate, Gokul Road,
Hubballi- 580 030

Sir,

Sub: Consent to Establish under the Water (Prevention & Control of Pollution) Act, 1974 & the Air (Prevention & Control of Pollution) Act, 1981-reg.,

Ref: 1. CFE application submitted by the industry/organization on 13/12/2019 at Regional Office

2. Inspection of the project site by Regional Officer Bijapura on 14/01/2020

3.Proceedings of the CCM dated 06/07/2020 ,held on 01/07/2020

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

Location:

Name of the Applicant: M/s Sangamnath Sugars Ltd

Address: Sy No's 24, 25/4, 25/5, 25/6, 32/1, 32/2 of Byalihal Village, Byalihal Village, Sindagi Taluk, Vijapura District, Karnatak

Industrial Area: Not In I.A, Byalihal,

Taluk: Sindgi, District: Bijapur

Conditions:

1. This consent for establishment is valid up to 13/01/2027 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/Month	Unit
1	Co-generation Unit	27360.0000	MWH
2	Distillery Unit	2700.0000	KLT
3	Installation of Incineration Boiler	2160.0000	MWH
4	Sugar Cane Crushing	300000.0000	TON

I. WATER CONSUMPTION:

1. The source of water shall be from Bhima River - 784 KLD Sugar,Cogen , 540 KLD Dist and total water consumption shall be as below.

Particulars	Water consumption(KLD)
Boiler Feed	504.0
Cooling Water	700.0
D.M Water Plant	121.0
Domestic Purpose	21.0
Manufacturing Processes	4423.0
Others	340.0
Others	4.0
Others	55.0
Others	1080.0

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II. WATER POLLUTION CONTROL:

1.The discharge from the premises of the applicant 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 or Rules made there under.

2. The applicant 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 andPart- II

3. The applicant 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. The quantity of domestic waste water and trade effluent generated from the proposed industry shall not exceed the permitted quantity as indicated below

Discharge of effluents under the Water Act:

Sl. No.	Description	Permitted Quantity of discharge in KLD	Mode/Place of disposal
7	Boiler Feed	50.000	Condensate Water
6	Cooling Water	500.000	Source - Condensate Water, Cooling Tower make up - 700 KLD
1	D.M Water Plant	18.000	DM Plant + Boiler Feed, Source - Fresh Water
3	Domestic Purpose	19.000	-
9	Manufacturing Processes	0.000	Fresh Water + Condensate Water
8	Others	289.000	Source - Condensate Water, Washing - 340 KLD
4	Others	55.000	WTP regeneration - 55 KLD, Source - Condensate Water
5	Others	4.000	Condensate Water
2	Others	540.000	Process + Cooling Tower + Washing , Source - Fresh Water + Recycled Water

5. The applicant shall treat the trade effluent in proposed ETP which consists of the following;

STP & ETP details

SlNo	ETP/STP NO	ETP Code	Category Name	Capacity (Meter Cubic)	Units	Remarks
1	ETP1	BS-	Bar Screen	4.00	1	Inlet Chamber - 2m x 2m x 1m
2	ETP1	GC-	Grit Chamber	0.00	0	
3	ETP1	C+E	P-Collection cum Equalization	484.00	1	11m x 11m x 4m
4	ETP1	DEC	P-Decanter	105.00	1	6m x 5m x 3.5m - Buffer Tank
5	ETP1	HOL	P-HOLDING TANK	22.50	1	Clarified Water Tank - 7m x 3m x 2.5m SWD
6	ETP1	NUE	P-Nuetralization	22.50	1	3m x 3m x 2.5m SWD
7	ETP1	OGT	P-Oil-Grease Trap	12.00	1	4m x 2m x 1.5m SWD
8	ETP1	AER	S-AERATION TANK	1024.00	1	16 m x 16m x 4m
9	ETP1	ANA	S-Anaerobic Digestor	1536.00	1	UASB - 16m x 16m x 6m SWD
10	ETP1	CLS	S-Sec Clarifier	35.00	1	10m x 3.5m SWD
11	ETP1	SDB	S-Sludge Dry Beds	240.00	1	6m x 4m x 1.5m

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6. The applicant shall ensure that the ETP will treat the effluent to the stipulated standards as indicated in Annexure-I

7. The applicant shall not discharge any effluent outside the industry premises.

8. The applicant shall provide separate flow meter for inflow & outflow of effluents through ETP and separate energy meter and shall maintain a logbook for hourly record of meter reading for the verification of inspecting officers
9. The applicant shall discharge the effluents only to the place mentioned in the Consent order.

III. AIR POLLUTION CONTROL:

1. The Source of emission, Stack height & Air Pollution Control (APC) measures shall be as specified in ANNEXURE-II.
2. The applicant 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 applicant shall upgrade/modify/replace the control equipment with prior permission of the Board.

IV. NOISE POLLUTION CONTROL:

1. The applicant 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.

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

1. The applicant shall collect, treat and dispose off all solid waste generated from the process other than wastes covered under the Hazardous and other Wastes (Management & Transboundry Movement) Rules 2016, 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	Solid Waste Name/Type	Qty-Unit	Mode of Disposal
1	Press mud	12000.0000 - M.T	OTH
2	Sludge from ETP	1.5000 - M.T	OTH
3	Yeast sludge	216.0000 - M.T	OTH
4	Domestic solid waste	2.7000 - M.T	OTH
5	Bagasse	90000.0000 - M.T	OTH
6	Boiler Ash	300.0000 - M.T	OTH
7	Incineration Boiler Ash	690.0000 - M.T	OTH

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

1. The applicat shall apply and obtain authorization under Hazardous and Other Wastes (Management & Transboundry Movement) Rules 2016, and comply with the provisions of the said Rules.

VII. GENERAL:

1. The applicant 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 applicant 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.

3. The applicant 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 applicant 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.

5. The applicant 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.

6. The Board reserves the right to review, impose additional condition or conditions, revoke, change or alter the terms and conditions.

7. 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.

8. The applicant shall furnish pointwise compliance to the conditions given under this consent for establishment along with the application for Consent to operate.

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9. 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 in advance an amount equal to the cost estimated by Competent Agency or Committee.

10. The applicant shall comply with all the Conditions and guidelines issued from time to time.

11. The applicant must create structure/facility for rain water harvesting and ground water recharge.

12. The applicant shall develop extensive green belt within the periphery of the plant.

13. This consent is issued without prejudice to Court Cases pending in any Hon'ble Court.

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 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. 100000

Note:

The Conditions II (2) mentioned in the schedule are not applicable.

Additional Conditions:

Additional conditions as per Annexure-III.

COPY TO:

1. The Environmental Officer, KSPCB, Regional Office, Bijapura for information and to inspect the industry during your next visit to the area.
2. Master copy (Dispatch).
3. Office copy.

ANNEXURE- II

Chim.No.	Chimney attached to	Capacity/ KVA Rating	Minimum chimney height to be provided above ground level (in Mts)	Constituents to be controlled in the emission	Tolerance limits mg/NM3	Fuel	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	DG set - 1000 KVA	30	PM(mg/NM3),SO2 (PPM),NOx(PPM)	100,80,80	DIE	AEC	Before commissioning.

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2	Boiler	Boiler - 32 TPH	75	PM(mg/NM3),SO2 (PPM),NOx(PPM)	0,150,0	BLK	ESP	Before commissioning.
3	Boiler	Boiler - 140 TPH	70	PM(mg/NM3),SO2 (PPM),NOx(PPM)	0,150,0	BAG	ESP	Before commissioning.

Note:

AEC : Accoustic Enclosures

ESP : E.S.P

LOCATION OF SAMPLING PORTHOLES, PLATFORMS, 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 or 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 100mm dia". Arrangements should be made so that the porthole is closed firmly during the non sampling period.
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 of 230 V 15 A with suitable switch control and 3 Pin Point shall be provided at the Porthole location.
4. The ladder shall be provided with adequate safety features so as to approach the monitoring location with ease.

FOR AND ON BEHALF OF KARNATAKA POLLUTION CONTROLBOARD

Signature Not Verified
Digitally signed by
Date: 2020.07.27 12:07:00 +05:30