



Consent For Operation (CFO-Air)

Consent No. A-327004
Valid upto: 30/06/2026

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 4 pages including annexure & excluding additional conditions)

Consent Order No. A-327004 PCB ID: 10038 Date: 23/09/2021

Consent for discharge of Emissions under the Air (Prevention and Control of Pollution) Act 1981.

- Ref: 1. Application filed by the applicant/ organization on 08/06/2021
2. Inspection of the Industry /organization / by RO, on 28/06/2021
3. Proceedings of the CCM dated 17/09/2021, held on 07/09/2021

Consent is hereby granted under 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 applicant is authorized to operate /carryout industry/activity & to make discharge of the emissions confirming to the stipulated standards from the premises as mentioned below:

Location:

Name of the Industry: Gem Sugars Ltd
Address: 127 To 134, 325 To 328, Kundaragi Village, Tq: Bilagi, Dt: Bagalkot
Industrial Area: Not In I.A., Kundargi Village,
Taluk: Bilgi, District: Bagalkot

CONDITIONS:

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, air emissions, 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	Co-Gen Plant	22.5000	MWH
2	White Crystal Sugar with Cane crushing	195000.0000	TON

This consent is valid for the period from 01/07/2021 to 30/06/2026

To,
Gem Sugars Ltd
Kundaragi Village, Tq:
Bilagi, Dt: Bagalkot

COPY TO:

1. The Environmental Officer, KSPCB, Regional Office, Bagalkote for information and necessary action.
2. Master Register.
3. Case file.

Consent Fee paid : Rs. 750000



Consent For Operation (CFO-Air)

Consent No. A-327004
Valid upto: 30/06/2026

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 4 pages including annexure & excluding additional conditions)

SCHEDULE

TERMS AND CONDITIONS

A. 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 details of control equipments and the specification, type of fuel, constituents to be controlled in emissions etc. are specified in Annexure-I.
3. 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-I.
4. The applicant shall upgrade/modify/replace the control equipment with prior permission of the Board.
5. The applicant shall provide adequate chimney and control equipments for the control of emissions. The emissions discharged and the tolerance limits of the constituents forming the emissions in each of the stacks shall not exceed the limits laid down in Annexure-I

B. SELF MONITORING AND REPORTING:

1. The applicant shall at his own cost get the samples of emissions collected and get them analyzed once a month.
2. The applicant shall carry out the ambient air quality monitoring and submit the report to the Regional Office of the Board. The AAQM shall be carried out in all the established stations as per the requirement under the National Ambient Air Quality Monitoring Standards stipulated in Environmental (Protection) Rules, 1986.
3. The applicant shall furnish statistical analysis for annual average of pollutants at all the locations as per Ambient Air Quality Standards Notification once in a year.
4. The analysis of emissions may be carried out in laboratories approved under EP Act.
5. The applicant shall maintain log books to reflect the working condition of pollution control systems and also self monitoring results and keep it open for inspection.
6. The applicant shall set-up Environmental Cell comprising of qualified and competent personnel for complying with the conditions specified.

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

1. The applicant 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.

D. 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.
2. The applicant shall provide necessary acoustic enclosures or measures to control noise levels generated from the DG Sets as per Environment Protection Rules, 1986.

E. HAZARDOUS AND OTHER WASTES (MANAGEMENT & TRANSBOUNDARY MOVEMENT) Rules 2016:

The applicant shall comply with the conditions stipulated in the authorization issued under the Hazardous and Other Wastes (Management & Transboundary Movement) Rules 2016.



Consent For Operation (CFO-Air)

Consent No. A-327004
Valid upto: 30/06/2026

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 4 pages including annexure & excluding additional conditions)

H. GENERAL CONDITIONS:

1. The applicant shall promptly comply with all orders and instructions issued from time to time by the Board or any other officers of the Board duly authorized in this behalf.
2. The Board reserves the right to review, impose additional conditions, revoke, change or alter terms and conditions of this consent.
3. The applicant 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.
4. The applicant shall provide alternate power supply sufficient to operate all Pollution control equipments.
5. The applicant shall display the consent granted in a prominent place for perusal of the inspecting officers of the Board.
6. The applicant, his heirs, legal representatives or assigns shall have no claims whatsoever to the continuation or renewal of this consent after expiry of the period of consent.
7. The applicant shall make an application for consent at least 45 days before expiry of this consent.
8. The applicant shall forthwith keep the Board informed of any accidental discharge of emissions into the atmosphere in excess of the standards laid down by the Board. The applicant shall also take corrective steps to mitigate the impact.
9. This consent is issued without prejudice to any Court Cases pending in any Hon'ble Court.
10. The applicant shall furnish the Environmental statement for every financial year ending with 31st March in Form-V as per Environment (Protection) Rules, 1986. The statement shall be furnished before the end of September.
11. The applicant shall comply with all the Rules and Guidelines issued from time to time.

NOTE:

The following Conditions A(2b,3b) mentioned in schedule are not applicable.

Additional Conditions:

1. The occupier shall comply with all the additional terms and conditions stipulated in Annexures- I, A and B attached here.
2. This consent order contains 11 pages including Annexures.



Consent For Operation (CFO-Air)

Consent No. A-327004
Valid upto: 30/06/2026

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 4 pages including annexure & excluding additional conditions)

Annexure-I

Chimney 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	1450 KVA	30	PM(mg/NM3), SO2 (PPM), NOx(PPM)	00,00,00	DIE	AEC	Before commissioning.
2	Boiler	40 TPH	52	PM(mg/NM3), SO2 (PPM), NOx(PPM)	150,00,00	BAG	ESP	Before commissioning.
3	Boiler	90 TPH	78	PM(mg/NM3), SO2 (PPM), NOx(PPM)	150,00,00	BAG	ESP	Before commissioning.

Note:

AEC : Accoustic Enclosures

ESP : E.S.P

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.

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 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 100 mm 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 measures so as to approach the monitoring location with ease.

For and on behalf of the
Karnataka State Pollution Control Board