



To,  
**Regional Office,**  
**Ministry of Environment and Forest, Climate Change**  
**Regional Office (WCZ), Ground Floor,**  
**East Wing, New Secretariat Building,**  
**Civil Line, Nagpur-440001**

**Dear Sir,**

**Subject:** Submission of Six Monthly Compliance Report for 60 KLPD Sugar Juice and Molasses based Distillery at Village Mirwadi, Post Dahitane, Taluka-Daund, District Pune, Maharashtra by M/s Kunjir Bio energy India LLP

**Reference:** EC letter of distillery Unit: F. No. J-11011/305/2016-IA II (I) Dated 15th November 2018

Dear Sir,

As per the condition mention in the Environmental clearance letter no.

We are herewith submitting the following.

<b>Particulars</b>	<b>Description</b>
1. Name of the Project	60 KLPD Sugar Juice and Molasses based distillery Project at Village Mirwadi, Post Dahitane, Taluka-Daund, District Pune, Maharashtra by M/s Kunjir Bio energy India LLP
2. Project Proponent	M/s Kunjir Bio energy India LLP
3. Current status of the project	In Operation
4. Contact details of the nodal officer	Shri. Amit Kunjir by M/s Kunjir Bio energy India LLP at Village Mirwadi, Post Dahitane, Taluka-Daund, District Pune, Maharashtra E-mail : kbillp2016@gmail.com Contact no: 9921600011
5. Project Information sheet	Annexure no-I
6. Compliance condition	Annexure no-II
7. Monitoring report	Monitoring report are attached as Annexure

We hope the above information is in line with your requirement.

Thanking You,

**Registered Office**

Swanand Building, Survey No. 52/1, Chandan Nagar, Kharadi, Near Vijay Sales Corporation, Pune 411014

**Corporate Office :**

S.No.52/1/99, Shriram Housing Society "KUNJIR HOUSE" Behind Poona Merchant Bank,  
Pune nagar Road, Chandannagar, Kharadi, Pune - 411 014.

Office: 9921600011 | Email: kbillp2016@gmail.com

Yours faithfully,

**For M/s Kunjir Bio energy India LLP**



Authorized Signatory

Encl: Compliance report

CC.



1. Department of Environment Gov. of Maharashtra
2. MPCB Mumbai Office
3. MPCB Pune Office

# **SIX MONTHLY COMPLIANCE REPORT**

**60 KLPD SUGAR CANE JUICE AND MOLASSES BASED  
DISTILLERY PROJECT AT VILLAGE- MIRWADI,  
POST - DAHITANE, TALUKA-DAUND,  
DISTRICT PUNE, MAHARASHTRA**

**By**

**M/s Kunjir Bioenergy India LLP**

**Submitted to**

**Regional Office,  
Ministry of Environment and Forest, climate Change  
(MOEF &CC),  
Ground Floor, East Wing, New Secretariat Building,  
Civil  
Line, Nagpur- 440001**

**JUNE 2022**

# **ENVIRONMENT CLEARANCE**

**F. No.J-11011/305/2016- IAI (I)**  
Government of India  
Ministry of Environment, Forest and Climate Change  
(IA-II Division)

Indira Paryavaran Bhawan  
Jor Bagh Road, N Delhi - 3  
Dated: 15<sup>th</sup> November, 2018

To,  
✓ **M/s Kunjir Bioenergy India LLP,**  
Village Mirwadi, Post Dahitane,  
Taluka Daund,  
District Pune (Maharashtra)

**Sub: Setting up 60 KLPD Sugarcane Juice and Molasses Based Distillery by M/s Kunjir Bioenergy India LLP at Village Mirwadi, Post Dahitane, Taluka Daund, District Pune (Maharashtra) - Environmental Clearance - reg.**

**Ref: Online proposal No. IA/MH/IND2/75943/2016 dated 7<sup>th</sup> August, 2018.**

Sir,

This has reference to your online proposal No. IA/MH/IND2/75943/2016 dated 7<sup>th</sup> August, 2018 for environmental clearance to the above project, along with the documents including Form-1, Terms of Reference (ToR), EIA/EMP report containing public hearing proceedings/details.

2. The Ministry of Environment, Forest and Climate Change has considered the proposal for environmental clearance to the project for setting up 60 KLPD Sugarcane Juice and Molasses Based Distillery (Rectified Spirit/Absolute Alcohol/Extra Neutral Alcohol) by M/s Kunjir Bioenergy India LLP in an area of 45 acres at Sy. No.47/1, 47/2, 48, 49, 50, 51, 52 & 53, Village Mirwadi, Post Dahitane, Taluka Daund, District Pune (Maharashtra).

3. Total land area is 45 acres. It is proposed to develop greenbelt in an area of 17.78 acres, covering 39.41% of the total project area. The total project cost is Rs.69.3576 Crore. Total capital cost earmarked towards environmental pollution control measures is Rs.1115.00 Lakhs and the recurring cost (operation and maintenance) will be about Rs.53.8 per annum.

4. There are no National Parks, Wildlife Sanctuaries, Biosphere Reserves, Tiger/Elephant Reserves, Wildlife Corridors etc within 10 km of the project site. Mula Mutha River is flowing at 1.80 km in the South and Bhima River at 7.25 km in North.

5. Total water requirement is estimated to be 1125 cum/day, including fresh water requirement of 485 cum/day proposed to be met from Mula-Mutha River.

Raw spent wash shall be concentrated in Multi Effect Evaporator, and the concentrated spent wash of 185 TPD shall be sent for incineration in slop fired boiler. Spent lees will be recycled in the process. Process condensate will be treated in Condensate Polishing unit. Cooling tower and boiler blow down water will be used for green belt to reduce the fresh water requirement. There will be no discharge of treated/untreated waste water from the unit, and thus ensuring Zero Liquid Discharge.

Sd/-

Power requirement will be 1980 kWh proposed to be met from in-house generation. Coal and concentrated spent wash fired boiler of 22.5 TPH will be installed. ESP with a stack height of 58 m will be installed with the boiler to control particulate emissions within the statutory limit of 150 mg/Nm<sup>3</sup>.

6. Details of solid waste/hazardous waste generation and its management are as under:-

S. No.	Solid Waste	Quantity	Disposal
1	Yeast sludge	9.6 TPD	Used as a manure
2	Ash	Coal ash: 22.4 TPD Spent wash ash: 24.3 TPD	Spent wash ash is potash rich ash and can be use directly use as manure. Ash will be store in the ash silos, Coal ash will be separately collected in the ash silos and sent to brick manufacturer
3	Domestic waste	15-20 kg/d	Local waste collection system
4	Oil from DG sets	Negligible	To authorized dealer or mixed with coal and burnt in the boiler
5	Discarded drums and containers	Negligible	Will be sold to authorized Recyclers

7. The project/activity is covered under category A of item 5 (g) 'Molasses based distilleries' of the Schedule to the Environment Impact Assessment Notification, 2006 and requires appraisal at Central level by the sectoral EAC in the Ministry.

8. The ToR for the project was granted on 31<sup>st</sup> January, 2017. Public hearing was conducted by the Maharashtra Pollution Control Board on 1<sup>st</sup> November, 2017.

9. The proposal was considered by the Expert Appraisal Committee (Industry-2) in its meeting held during 24-26 September, 2018. The project proponent and their accredited consultant M/s SMS Envocare Ltd presented the EIA/EMP report as per the ToR. The Committee found the EIA/EMP report to be satisfactory and complying with the ToR. The Committee has recommended the proposal for grant of environmental clearance.

10. Based on the proposal submitted by the project proponent and recommendations of the EAC (Industry-2), the Ministry of Environment, Forest and Climate change hereby accords environmental clearance to the project for **Setting up 60 KLPD Sugarcane Juice and Molasses Based Distillery (RS/AA/ENA) by M/s Kunjir Bioenergy India LLP** at Sy. No.47/1, 47/2, 48, 49, 50, 51, 52 & 53, Village Mirwadi, Post Dahitane, Taluka Daund, District Pune (Maharashtra), under the provisions of the EIA Notification, 2006, subject to the compliance of terms and conditions as below:-

(a) Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.

(b) As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises.

*CP*

- (c) Necessary authorization required under the Hazardous and Other Wastes (Management and Trans-Boundary Movement) Rules, 2016, Solid Waste Management Rules, 2016 shall be obtained and the provisions contained in the Rules shall be strictly adhered to.
- (d) Coal shall not be used as fuel in the boiler, instead bio-fuel/briquette/bagasse shall preferred.
- (e) To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.
- (f) Total fresh water requirement shall not exceed 485 cum/day proposed to be met from Mula- Mutha River. Prior permission shall be obtained from the concerned regulatory authority.
- (g) The spent wash shall be taken to multi effect evaporators (MEE) and the concentrated spent wash shall be incinerated in the boiler along with bagasse.
- (h) Number of working/operating days for the distillery shall be 330 days as proposed. However, the same may be increased to round the year subject to zero liquid discharge ensured by the SPCB, while considering the Consent to Operate.
- (i) Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.
- (j) Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.
- (k) The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.
- (l) The company shall undertake waste minimization measures as below:-
- (i) Metering and control of quantities of active ingredients to minimize waste.
  - (ii) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
  - (iii) Use of automated filling to minimize spillage.
  - (iv) Use of Close Feed system into batch reactors.
  - (v) Venting equipment through vapour recovery system.
  - (vi) Use of high pressure hoses for equipment clearing to reduce wastewater generation.
- (m) The green belt of 5-10 m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department.
- (n) All the commitments made regarding issues raised during the public hearing/consultation meeting shall be satisfactorily implemented.
- (o) At least 2% of the total project cost shall be allocated for Corporate Environment Responsibility (CER) and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office.

5/13

(p) For the DG sets, emission limits and the stack height shall be in conformity with the extant regulations and the CPCB guidelines. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.

(q) The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.

(r) Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.

(s) There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places.

(t) Storage of raw materials shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.

(u) Continuous online (24x7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.

(v) CO<sub>2</sub> generated from the process shall be bottled/made solid ice and sold to authorized vendors.

(w) There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places.

**10.1** The grant of Environmental Clearance is further subject to compliance of other generic conditions as under:-

(i) The project authorities must strictly adhere to the stipulations made by the state Pollution Control Board (SPCB), State Government and/ or any other statutory authority.

(ii) No\* further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.

(iii) The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one stations each is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.

(iv) The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16<sup>th</sup> November, 2009 shall be complied with.





- (v) The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
- (vi) The Company shall harvest rainwater from the roof tops of the buildings to recharge ground water, and to utilize the same for different industrial operations within the plant.
- (vii) Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
- (viii) The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing shall be implemented.
- (ix) The company shall undertake all measures for improving socio-economic conditions of the surrounding area. CSR activities shall be undertaken by involving local villagers, administration and other stake holders. Also eco-developmental measures shall be undertaken for overall improvement of the environment.
- (x) A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.
- (xi) The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.
- (xii) A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, ZilaParisad/ Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.
- (xiii) The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.
- (xiv) The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional offices of MoEF&CC by e-mail.
- (xv) The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at <http://moef.nic.in>. This shall be advertised within seven days from the date of issue of the clearance letter, at least in

two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional office of the Ministry.

11. The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.

12. The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Water Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Hazardous Waste (Management, Handling and Trans-boundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991, read with subsequent amendments therein.

  
(S. K. Srivastava)  
Scientist E

**Copy to: -**

1. The Principal Secretary, Environment Department, Government of Maharashtra, 15<sup>th</sup> Floor, New Administrative Building, Mantralaya, **Mumbai** - 32
2. The Additional Principal Chief Conservator of Forests, Ministry of Environment, Forest and Climate Change, Regional Office (WCZ), Ground Floor, East Wing, New Secretariat Building, Civil Lines, **Nagpur** - 1
3. The Member Secretary, Central Pollution Control Board Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, **Delhi** - 32
4. The Member Secretary, Maharashtra Pollution Control Board, Kalpataru Point, 3<sup>rd</sup> & 4<sup>th</sup> floor, Opp. Cine Planet, Sion Circle, **Mumbai** - 22
5. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, **New Delhi** - 3
6. Guard File/Monitoring File/Record File

  
(S. K. Srivastava)  
Scientist E

# **PART A**

## **PROJECT INFORMATION**

**DATA SHEET  
DISTILLERY PROJECT**

**PROJECT INFORMATION SHEET**

1.	<b>Project type:</b> River Valley / Mining / Industry / Thermal / Nuclear / Others (specify)	:	Industry
2.	<b>Name of the Project</b>	:	60 KLPD Sugar Juice and Molasses based Distillery by M/s Kunjir Bio energy India LLP at Village Mirwadi, Post Dahitane, Taluka-Daund, District Pune , Maharsahtra
3.	<b>Clearance letter (s) / OM No. and date</b>	:	EC letter of distillery Unit: F. No. J-11011/305/2016-IA II (I) Dated 15 <sup>th</sup> November 2018.
4.	<b>Location</b>	:	Pune
	a) District (s)	:	
	b) State (s)	:	Maharashtra
	c) Location latitude / longitude	:	18 <sup>o</sup> 33'08.44" N, 74 <sup>o</sup> 10' 23.43" E
5.	<b>Address for Correspondence</b>	:	Shri. Amit Kunjir by M/s Kunjir Bio energy India LLP at Village Mirwadi, Post Dahitane, Taluka-Daund, District Pune , Maharsahtra E-mail : kbillp2016@gmail.com Contact no 9921600011
	a) Address of the Concerned Project Chief Engineer (with Pin code & Telephone / Telex / Fax Numbers)		
	b) Address of the Concerned Project Chief Engineer (with Pin code & Telephone / Telex / Fax Numbers)		
6.	<b>Salient features</b>	:	Sugar Juice & Molasses based Distillery Project at above location
	a) of the Project		
	b) of the Environmental Management Plans		Environment Management Plan Includes- -Green belt development (Plantation with mostly indigenous plant species) -Measures to avoid sound pollution -Water Environment (ETP) -Solid waste management(Segregation at source, organic waste-composting, inorganic waste-recycle/reuse/resource recovery & proper disposal) -Rain water harvesting plan -Energy conservation plan( use of natural resources & non conventional energy sources) -Risk assessment & Disaster management plan -Fire fighting system
7.	<b>Break up of the Project Area</b>	:	Not Applicable
	a) Submergence area: forest & non forest		
	<b>b) Others</b>		Plot area- 45acres

8.	<b>Break up of the project affected population</b> with the enumeration of those losing Houses / Dwelling units only, Agricultural Land & Landless Laborers / Artisans:	:	Project land is owned by project proponent. So no population is affected
	a) SC, ST / Adivasi		Not Applicable
	b) Others (please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures, if a survey is carried out give details & year of survey)	:	Not Applicable
9	<b>Financial Details:</b> Project cost as originally planned and subsequent revised estimates and the year of price reference	:	Total Project Cost – 86.33 Cr
a)	Allocation made for environmental management plans with item wise and year wise breakup	:	Total Capital Cost toward EMP: 1115.00 Lakhs & recurring cost (operation and Maintenance ): 53.8 Lakhs
b)	Benefit cost ratio/Internal rate of Return and the year of assessment	:	N.A.
c)	Whether (c)includes the cost of environmental management as shown in the above	:	Yes
d)	Actual expenditure incurred on the project so far	:	86.33 Cr
e)	Actual expenditure incurred on the environmental management plans so far	:	14.00 Cr (stack cost, CPU Cost WTP, ESP, MEE, CO2 and Online Monitoring system)
10	<b>Forest Land Requirement</b>		
a)	The status of approval for diversion of forest land for non-forestry use	:	Not Applicable
b)	The status of clearing felling	:	Not Applicable
c)	The status of compensatory afforestation, if any Comments on the viability & sustainability of compensatory afforestation program in the light of actual field experience so far	:	Not Applicable
11	<b>The status of clear felling</b> in non-forest areas (such as submergence area or reservoir, approach roads.), if any with quantitative information required.	:	Not Applicable
12	<b>Status of construction</b> (Actual&/or		September 2020

	planned)		
a)	Date of commencement (Actual &/or planned)	:	December 2018
b)	Date of completion (Actual &/or planned)	:	September 2020
<b>13</b>	<b>Reasons for the delay</b> if the project is yet to start	:	N.A.
<b>14</b>	<b>Dates of Site Visits</b>		
a)	The dates on which the project was monitored by the Regional Office on previous occasions, if any	:	.....
b)	Date of site visits for this monitoring report	:	-
15	Details of the correspondence with project authorities for obtaining action plan / information on status of compliance to safeguards other than the routine letters for logistic support for site visit (The monitoring report may obtain the details of all letters issued so far but the later reports may cover only the letters issued subsequently )		-

## **PART B**

# **COMPLIANCE OF ENVIRONMENT CLEARANCE CONDITIONS**

## ANNEXURE II

Point wise Compliance of Environment Clearance of 60 KLPD Sugar cane Juice and Molasses based Distillery by M/s Kunjir Bio energy India LLP at Village Mirwadi, Post Dahitane, Taluka-Daund, District Pune, Maharashtra  
(EC letter of distillery Unit: F. No. J-11011/305/2016-IA II (I) Dated 15<sup>th</sup> November 2018)

Sr No	EC Conditions	Compliance
<b>A</b>	<b>Specific Conditions</b>	
a	Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.	Complied, Obtained consent to establish on 25/03/2019. and renewal of consent to operate on 21/10/2021 from Maharashtra Pollution Control Board, Maharashtra Copy of CTE and CTO is enclosed as annexure I
b	As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises.	Complied, Distillery plant is Zero Liquid Discharge plant.
c	Necessary authorization required under the Hazardous and Other Wastes (Management and Trans-Boundary Movement) Rules, 2016, Solid Waste Management Rules, 2016 shall be obtained and the provisions contained in the Rules shall be strictly adhered to.	Noted,
d	Coal shall not be used as fuel in the boiler, instead bio- fuel/briquette/bagasse shall preferred.	Complied, as per proposal Coal will be used as a supplementary fuel along with conc. Spent wash
e	To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines	Complied, To control source emission, ESP is installed as pollution control devices. The gaseous emissions shall be dispersed through stack of 58 m stack height as per CPCB/SPCB guidelines. Stack emission Monitoring carried out results are enclosed as annexure II
f	Total fresh water requirement shall not exceed 485 cum/day proposed to be met from Mula-Mutha River. Prior permission shall be obtained from the concerned regulatory authority	Complied, total fresh water requirement is 485 m <sup>3</sup> /day and met from Mula-Mutha River. Permission is obtained from Irrigation department.
g	The spent wash shall be taken to multi effect evaporators (MEE) and the concentrated spent wash shall be incinerated in the boiler along	Complied, spent wash concentrated at MEE and Conc. Spent wash burn in 22.5 TPH



	with bagasse.	incineration boiler.
h	Number of working/operating days for the distillery shall be 330 days as proposed. However, the same may be increased to round the year subject to zero liquid discharge ensured by the SPCB, while considering the Consent to Operate	Complied, proposed 330 operation days. Zero liquid discharge unit
i	Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps	Hazardous waste is only used oil. Used oil will burn in boiler.
j	Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF	Not any
k	The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989	Not any
l	(I) The company shall undertake waste minimization measures as below:- (i) Metering and control of quantities of active ingredients to minimize waste. (ii) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. (iii) Use of automated filling to minimize spillage. (iv) Use of Close Feed system into batch reactors. (v) Venting equipment through vapour recovery system. (vi) Use of high pressure hoses for equipment clearing to reduce wastewater generation	NA
m	The green belt of 5-10 m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department	Complied, green belt development is in progress. Total 1200 nos plants planted at project site.
n	All the commitments made regarding issues raised during the public hearing/ consultation meeting shall be satisfactorily implemented	Complied, Public hearing was conducted on dated 01/11/2017 at project sit. The issues raised in public hearing by people are executed

o	At least 2% of the total project cost shall be allocated for Corporate Environment Responsibility (CER) and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office	Complied, Provision of 2 % ie.1.72 Cr of the total project cost (86.33 Cr) is allocated for Corporate Environment Responsibility (CER). Details are enclosed as annexure III
p	For the DG sets, emission limits and the stack height shall be in conformity with the extant regulations and the CPCB guidelines. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.	Complied, DG set (2x 500 KVA) provided 8 m stack height. and Acoustic enclosure provided to DG set for controlling the noise pollution. Noise Monitoring carried out results enclosed as annexure II
q	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall be as per the norms	Complied, fire hydrant system is provided for the whole distillery pant
r	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Noted,
s	There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places.	Complied, Parking for vehicle for raw materials and finished products is provided
t	Storage of raw materials shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.	Complied, Molasses is raw material and stored in tank. ( 3 nos Molasses Tank Capacity 10,000 MT each )
u	Continuous online (24x7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises	Complied, Continuous online (24x7) monitoring system for stack emissions is installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent, the unit is install web camera with night vision capability and flow meters in the channel carrying effluent. Photo Graphs of Online Monitoring System enclosed as annexure IV
v	CO2 generated from the process shall be bottled/made solid ice and sold to authorized vendors.	Complied, CO2 plant installed
w	There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places.	Complied, adequate space inside the plant premises is provided for parking of vehicles for raw materials and finished products,

		and no parking is allowed outside on public places.
<b>B</b>	<b>The grant of Environmental Clearance is further subject to compliance of other generic conditions as under</b>	
i	The project authorities must strictly adhere to the stipulations made by the state Pollution Control Board (SPCB), State Government and/ or any other statutory authority	Noted
ii	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any	Noted
iii	The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one stations each is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.	Complied, Ambient Air Quality Monitoring station are ; Project site ,one upwind and one downwind Results are attached as annexure II
iv	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with	Noted , all the monitoring results are compared with National Ambient Air Quality Emission Standards 2009
v	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	Complied, Noise level measured in and around the plant at 4 different locations. Results are attached as annexure. II
vi	The Company shall harvest rainwater from the roof tops of the buildings to recharge ground water, and to utilize the same for different industrial operations within the plant	Complied, Rain water harvesting recharge is provided to recharge ground water.
vii	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be	Noted, Training will be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be

	imparted.	undertaken on regular basis. Training to all employees on handling of chemicals will be imparted.
viii	The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA- EMP in respect of environmental management, risk mitigation measures and public hearing shall be implemented	Noted, all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA- EMP in respect of environmental management, risk mitigation measures and public hearing will be implemented
ix	The company shall undertake all measures for improving socio-economic conditions of the surrounding area. CSR activities shall be undertaken by involving local villagers, administration and other stake holders. Also eco-developmental measures shall be undertaken for overall improvement of the environment	We will undertake all measures for improving socio-economic conditions of the surrounding area. CSR activities will be undertaken by involving local villagers, administration and other stake holders. Under CER list of activities implemented in nearer villages enclosed as annexure III
x	A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions	Complied, separate Environmental Management Cell is established with qualified persons for implementation of Environmental Management and Monitoring functions
xi	The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/pollution control measures shall not be diverted for any other purpose	Company allocated funds for EMP <ul style="list-style-type: none"> <li>• Capital Cost: 1115 lakhs</li> <li>• Recurring Cost: 53.8 Lakhs</li> </ul> The funds are used for environment management/pollution control measures and not diverted for any other purpose
xii	A Copy of the Clearance letter shall be sent by the project proponent to concerned Panchayat , Zila Parishad/Municipal Corporation , Urban Local Body and the local NGOs, if any from whom suggestions/ representations, if any were received while processing the proposal	Complied, Copy Environment clearance given to Mirwadi Grampanchayat , Pune Zila Parishad
xiii	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the	Noted, We are submitting six-monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of

	respective Regional Office of MoEF&CC, the respective Zonal office of CPCB and SPCB. A copy of Environmental Clearance and six-monthly compliance status report shall be posted on the website of the company.	monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal office of CPCB and SPCB. Annexure V
xiv	The environmental statement for each financial year ending 31 <sup>st</sup> March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional offices of MoEF&CC by e-mail.	Complied, Environment statement for each financial year ending 31 <sup>st</sup> March (year 2020-21) to Maharashtra Pollution Control Board (MPCB) annexure VI
xv	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at <a href="http://moef.nic.in">http://moef.nic.in</a> . This shall be advertised within seven days from the date of issue of the clearance letter, at least in	Complied, Copy of advertise of environment clearance is enclosed as annexure VII
<b>C</b>	The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.	Noted
<b>D</b>	The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Water Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Hazardous Waste (Management, Handling and Trans-boundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991, read with subsequent amendments therein	Noted

**ANNEXURE I**

**CONSENT TO ESTABLISH FROM MPCB**

**&**

**CONSENT TO OPERTAE FROM MPCB**

# MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010437/24020781/24014701

Fax: 24024068 /24023515

Website: <http://mpcb.gov.in>

E-mail: [cac-cell@mpcb.gov.in](mailto:cac-cell@mpcb.gov.in)



Kalpataru Point, 2<sup>nd</sup> - 4<sup>th</sup> Floor,  
Opp. Cine Planet Cinema,  
Near Sion Circle, Sion (E)  
Mumbai - 400 022

Red/LSI

Date: 25/03/2019

Consent No: Format -1.0/BO/CAC-CELL/UAN NO. 0000050444/E/CAC-1903001330

To,  
M/s. Kunjir Bio Energy India LLP,  
Survey no 47/1, 47/2, 48, 49, 50, 51, 52, 53  
Village : Mirwadi, Dahitane,  
Tal. - Daund, Dit. - Pune.

Subject: Consent to Establish of 60 KLPD Distillery Unit (Molasses Base) under RED Category

Ref : 1. CAC meeting held on 28.11.2018 & 03.12.2018.

Your application No.: 0000050444

Dated: 11.06.2018

For: Consent to Establish of 60 KLPD Distillery Unit (Molasses Base) under RED Category, under Section 25 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 5 of the Hazardous Wastes (M, H & T M) Rules 2008 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

- The consent is granted for a period up to Upto commissioning of the unit or 5 yrs. whichever is earlier.
- The Proposed capital investment of the industry is Rs. 86.65 Cr.  
(As per the C. A. certificate submitted by industry)

- The Consent is valid for the manufacture of -

Sr. No.	Product / By-Product Name	Maximum Quantity	UoM
1	Extra Neutral Alcohol / Rectified Spirit / Absolute Alcohol	60	KL/D
2	Bio-gas	4	Ton/D

(Distillery Capacity shall not exceed 60 KLPD)

- Conditions under Water (P&CP), 1974 Act for discharge of effluent:

Sr. no.	Description	Permitted quantity of discharge (CMD)	Standards to be achieved	Disposal
1.	Trade effluent	514	As per Schedule -I	MEE followed by incineration Boiler.
2.	Domestic effluent	16	As per Schedule -I	On land for irrigation

3. Conditions under Air (P& CP) Act, 1981 for air emissions:

Sr. no.	Description of stack / source	Number of Stack	Standards to be achieved
1	Incineration Boiler	1	As Per Schedule - II

4. Conditions under Hazardous & Other Wastes (M & T M) Rules, 2016 for treatment and disposal of hazardous waste:

Sr. No.	Type of Waste	Category	Quantity	UOM	Disposal
1	Used /Spent Oil	5.1	40	Kg/A	CHWTSDF

5. Non-Hazardous Solid Wastes:

Sr. No.	Type of Waste	Quantity	UOM	Treatment	Disposal
1	Boiler Ash	22.4	Ton/D	-----	By Sale
2	Spent Wash ash	24.3	Ton/D	-----	Used as Manure

6. This Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
7. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government agencies.
8. Industry shall not take any prior effective steps before obtaining Environment Clearance and submit bank Guarantee of Rs. 5 lakhs towards compliance of same and consent conditions.
9. Industry shall provide 5 days storage instead of 1 day for storage of spent wash.

For and on behalf of the  
Maharashtra Pollution Control Board

(E. Ravendiran, IAS)  
Member Secretary

Received Consent fee of -

Sr. No.	Amount (Rs)	DD/Txr. No.	Date	Drawn On
01	1,25,000/-	NIDC6381826770	12.06.2018	Online Payment

Copy to:

1. Regional Officer – MPCB, Pune,
2. Sub-Regional Officer – Pune-I, MPCB, - directed to ensure the compliance of the consent conditions.
3. Chief Accounts Officer, MPCB, Mumbai.
4. CC/CAC desk- for record & website up-dation purposes.



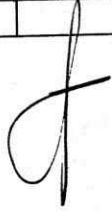
## Schedule-I

### I) Terms & Conditions for compliance of Water Pollution Control

- A] you have proposed to provide comprehensive treatment for volume reduction consisting of Multiple Effect Evaporator followed by incineration boiler. The spent wash shall be evaporated in MEE & concentrated spent wash will be incinerated in incineration boiler to achieve zero discharge. Evaporator condensate shall be treated in ETP & recycled & reused in process.
- B] In no case spent wash / effluent shall find its way for gardening / outside factory premises.
- C] The operation of distillery should be restricted to as per Environment Clearance and they will not operate during rainy season.
- 1) The industry shall create Environmental Cell by appointing an Environmental Engineer, Chemist and Agriculture expert for looking after day to day activities related to Environment and irrigation field where treated effluent is used for irrigation.
  - 2) The Board reserves its right to review plans, specifications or other data relating to plant setup for the treatment of water works for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment or disposal system or an extension or addition thereto.
  - 3) The industry shall ensure replacement of pollution control system as or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation if applicable.
  - 4) The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines if applicable.

### II) Water Consumption of the Unit: -

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, boiler feed etc.,	497
2.	Domestic purpose	20
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	526
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	----
5	Other	19



## Schedule-II

### Terms & conditions for compliance of Air Pollution Control

1. As per your application, you have provided the Air pollution control (APC) system and also erected following stack (s) to observe the following fuel pattern-

Sr. No.	Stack Attached to	APC System	Height in meter	Type of Fuel	Quantity	S %	SO <sub>2</sub> Kg/ Day
1.	Incineration Boiler (22.5 TPH)	ESP	58	Coal	26.4 MT/day	0.5	264
				Conc. Spent Wash	3600 Kg/hr.	----	----
2	D.G. Set (500 KVA) 2 Nos	----	8	HSD	----	----	----

2. The Applicant shall provide ESP/ Bag filter/ Wet scrubber to the Bagasse fired boiler and Dust Collector to Sugar bagging section as an Air Pollution control equipments OR as per the conditions of EP Act, 1986 and rule made there under from time to time / Environmental Clearance / CREP guidelines.
3. The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Particulate matter	Not to exceed	50 mg/Nm <sup>3</sup>
--------------------	---------------	-----------------------

4. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
5. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
6. Industry shall install continuous stack emission monitoring system for the above mentioned parameter.



**Schedule-III**  
**Details of Bank Guarantees**

Sr. No.	Consent	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1.	C to E	Rs 5 lakhs	15 days	Towards not take any effective steps prior to obtaining Environment Clearance & Compliance of Consent Conditions	Continue	CoU

Maharashtra Pollution Control Board

**Schedule-III**  
**General Conditions**

- 1) The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 2) Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
- 3) The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
- 4) Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
- 5) The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
- 6) The firm shall submit to this office, the 30<sup>th</sup> day of September every year, the Environmental Statement Report for the financial year ending 31<sup>st</sup> March in the prescribed Form-V as per the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.
- 7) The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the H&OW (M&TM) Rules 2016, which can be recycled /processed /reused /recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc should go for that purpose, in order to reduce load on incineration and landfill site/environment.
- 8) The industry should comply with the Hazardous & Other Wastes (M & TM) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous & Other Wastes (M & TM) Rules, 2016 for the preceding year April to March in Form-IV by 30<sup>th</sup> June of every year.
- 9) An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- 10) The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.**
- 11) Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website ([www.mpcb.gov.in](http://www.mpcb.gov.in)).
- 12) Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
- 13) Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
- 14) The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
- 15) Conditions for D.G. Set
  - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
  - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with

- insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
- c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
  - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
  - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
  - f) D.G. Set shall be operated only in case of power failure.
  - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
  - h) The applicant shall comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel.
- 16) The industry should not cause any nuisance in surrounding area.
  - 17) The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
  - 18) The applicant shall maintain good housekeeping.
  - 19) The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31<sup>st</sup> March of the year and number of trees planted by September end.
  - 20) The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
  - 21) The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
  - 22) The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
  - 23) The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can downloaded from MPCB official site).
  - 24) The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
  - 25) The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification dt. 16.11.2009 as amended.

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## MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437  
Fax: 24023516  
Website: <http://mpcb.gov.in>  
Email: [cac-cell@mpcb.gov.in](mailto:cac-cell@mpcb.gov.in)



Kalpataru Point, 2nd and  
4th floor, Opp. Cine Planet  
Cinema, Near Sion Circle,  
Sion (E), Mumbai-400022

RED/L.S.I (R60)

No:- Format1.0/CC/UAN No.MPCB- 21100001011  
CONSENT-0000115463/CR

Date: 21/10/21

To,  
M/s Kunjir Bioenergy India LLP  
S.No 47/1,47/2,48,49,50,51,52& 53(P),Village-  
Mirwadi Post- Dahitane  
Daund,Pune.



Your Service is Our Duty

**Sub: Renewal of Consent to operate for 60 KLPD Molasses based Distillery and Co-gen plant in Red Category**

- Ref:**
1. Consent to Operate granted by Board vide No. BO/CAC/UAN No.- MPCB Consent-0000097419/CO-2012001328 dtd 30.12.2020
  2. Minutes of 10th Consent Committee meeting held on 01.10.2021

Your application No.MPCB-CONSENT-0000115463 Dated 09.06.2021

For: Consent to Renewal under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. **The consent to renewal is granted for a period up to 31/08/2025**
2. **The capital investment of the project is Rs.86.449 Crs. (As per C.A Certificate submitted by industry Rs 86.3301 Cr)**
3. **Consent is valid for the manufacture of:**

Sr No	Product	Maximum Quantity	UOM
Products			
1	Rectified Spirit OR ENA OR Ethanol	60	KL/D
2	Power	2	MW

**Distillery Capacity shall not exceed (Molasses base) 60 KLPD.**

4. **Conditions under Water (P&CP), 1974 Act for discharge of effluent:**

Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path
1.	Trade effluent	514	As per Schedule-I	MEE and Incineration Boiler
2.	Domestic effluent	16	As per Schedule-I	On land for irrigation.



# Maharashtra Pollution Control Board

## 61714bcb81b8865b34e37c83

### 5. Conditions under Air (P& CP) Act, 1981 for air emissions:

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	S-1	Incineration Boiler	1	As per Schedule -II
2	S-2	DG set-500 KVA	1	As per Schedule -II

### 6. Non-Hazardous Wastes:

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	Yeast Sludge	9.6	Ton/D	NA	used as manure
2	Coal Ash	14.1	Ton/D	NA	Brick Manufacturing
3	Spent wash Ash	28.05	Ton/D	NA	Spent wash Ash is potash rich ash and Use as Manure

### 7. Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
1	5.1 Used or spent oil	40	Kg/Annum	Recycle	Sale to Authorized recycler.

- The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
- This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
- The applicant shall comply with the conditions of the Environmental Clearance granted vide letter No. SF NO. J-11011/305/2016-IA II(I) dtd. 15.11.2018.
- Industry shall install online continuous monitoring system as per CPCB guidelines & data to be transmitted directly from Data Logger to Board server .
- The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent. (Operate/Renewal)

For and on behalf of the  
Maharashtra Pollution Control Board.

(Ashok Shingare IAS),  
Member Secretary

### Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
Earlier Rs 5.0 lakhs (from application UAN No 97419) is balance with the Board. The same is considered for this renewal of consent				

### Copy to:

- Regional Officer, MPCB, Pune and Sub-Regional Officer, MPCB, Pune I  
- They are directed to ensure the compliance of the consent conditions.
- Chief Accounts Officer, MPCB, Sion, Mumbai
- CC/CAC desk - for record & website updation purposes.



**SCHEDULE-I**

**Terms & conditions for compliance of Water Pollution Control:**

**1. Conditions for Trade effluent:**

- A) You have provided comprehensive treatment i.e volume reduction consisting of Multiple Effect Evaporator followed by incineration boiler for achieving zero discharge. In no any spent wash shall discharge outside the factory premises/ on land / into stream directly or indirectly.
- B) Industry shall provide CPU for recycle/reuse of treated effluent.
- C) Industry shall install Online Continuous Emission Monitoring System (OCEMS) before 1st Operate and shall transmit Online Continuous Emission Monitoring System (OCEMS) data to Board's Server directly from data logger without any intermediate server.

**2. Conditions for Sewage/ Domestic effluent:**

- i. You shall provide sewage treatment plant for the treatment of 16 CMD sewage generation due to expansion and provide including disinfection facility.
- ii. The industry shall operate sewage treatment system to treat the sewage/ domestic effluent so as to achieve the standards as prescribed by the board/under EP Act, 1986 and rules made thereunder from time to time whichever is stringent.

Sr.No	Parameter	Concentration not to exceed(in mg/l except for pH)
1.	pH	6.5-9.0
2.	BOD	100
3.	TSS	100

- iii. The sewage shall be treated by using septic tank and soak pit and overflow if any shall be used on-land for gardening/irrigation.
- 3. The operation of distillery should be restricted to 330 days in a year and that it will not operate during rainy season. The same may be increased round the year subject to verification of ZLD.
- 4. The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	497.00
2.	Domestic purpose	20.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	526.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	83.00
5.	Gardening	19

- 5. The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance.





**SCHEDULE-II**

**Terms & conditions for compliance of Air Pollution Control:**

- As per your application, you have provided the Air pollution control (APC) system and erected following stack (s) to observe the following fuel pattern:

Stack No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM	S%	SO <sub>2</sub>
1	Incineration Boiler	ESP	58	Conc. Spent wash and Coal	47 MT/Day	0.50	470.00
2	DG set	Acoustic Enclosure	8	HSD	200 Lit/Day	1.00	4.00

- Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
- The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
- The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
- The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Particulate matter	Not to exceed	150 mg/Nm <sup>3</sup>
--------------------	---------------	------------------------

- Storage of raw materials, coal etc. shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
- The industry shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules, 1986 and connected to MPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- The industry shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugitive emissions to Regional Office MPCB.
- The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
- Industry shall provide Online Continuous Emission Monitoring System (OCEMS) i.e. flow meter and night vision camera to ensure the Zero Liquid Discharge (ZLD) of spent wash and OCEMS for Boiler stack for PM parameter.



**SCHEDULE-III**  
**Details of Bank Guarantees:**

Sr. No	Consent (C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C to R	500000	15 days/extended	Towards compliance of Consent conditions & O & M of pollution control system.	31.08.2021	30.12.2025

**BG Forfeiture History**

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

**BG Return details**

Srno.	Consent (C2E/C2O/C2R)	BG imposed	Purpose of BG	Amount of BG Returned
NA				

**SCHEDULE-IV**  
**General Conditions:**

1. The Energy source for lighting purpose shall preferably be LED based
2. The PP shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant
3. Conditions for D.G. Set
  - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
  - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
  - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
  - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
  - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
  - f) D.G. Set shall be operated only in case of power failure.
  - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
  - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.



# Maharashtra Pollution Control Board

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4. The applicant shall maintain good housekeeping.
5. The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
6. The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
7. The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
8. The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can downloaded from MPCB official site).
9. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
10. The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.
11. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
12. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
13. The PP shall provide personal protection equipment as per norms of Factory Act
14. Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
15. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
16. The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
17. The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M & TM) Rules 2016, which can be recycled /processed /reused /recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.

18. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
19. Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website ([www.mpcb.gov.in](http://www.mpcb.gov.in)).
20. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
21. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
22. The industry should not cause any nuisance in surrounding area.
23. The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
24. The industry shall create the Environmental Cell by appointing an Environmental Engineer, Chemist and Agriculture expert for looking after day to day activities related to Environment and irrigation field where treated effluent is used for irrigation.
25. The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
26. The industry should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year April to March in Form-IV by 30th June of every year.
27. The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
28. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
29. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions.
30. The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.
31. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.



Maharashtra Pollution Control Board  
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32. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
33. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.

For and on behalf of the  
Maharashtra Pollution Control Board.

  
(Ashok Shingare IAS),  
Member Secretary



## ANNEXURE II

### **Environment Monitoring**

- Ambient Air Quality
- Noise Level
- Stack emissions
- Water quality
- Soil quality



# EHS MATRIX

PRIVATE LIMITED

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## TEST CERTIFICATE

<b>Report No:EHSM/2022/May/R-329</b>	<b>Date of Report</b>	30/05/2022
<b>Client Name and Address:</b> M/s Kunjir Bioenergy India LLP at Village Mirwadi, Post Dahitane, Taluka-Daund, District Pune , Maharsahtra Distillery Plant	<b>Date of Sampling</b>	23/05/2022
	<b>Start Date of Analysis</b>	24/05/2022
	<b>End Date of Analysis</b>	30/05/2022
	<b>Sample Details</b>	Ambient Air
	<b>Sample Location</b>	Project Site
	<b>Time of Sampling</b>	10:20
<b>Sample Collected By</b>	EHS Matrix Pvt Ltd, Pune	

## Ambient Air Analysis Report

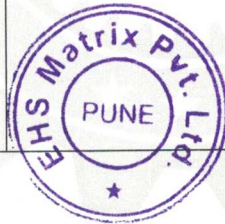
Sr. No.	Parameter	Result	Unit(s)	NAAQ Standards
1.	Ambient Temperature	37	°C	
2.	Dry Bulb Temperature	37	°C	
3.	Wet Bulb Temperature	26	°C	
4.	Relative Humidity	50	% RH	
5.	Sampling Duration	1440	Min	
6.	Sulphur Dioxide(SO <sub>2</sub> )	13.5	µg/M <sup>3</sup>	≤ 80
7.	Oxides of Nitrogen(NO <sub>2</sub> )	21.0	µg/M <sup>3</sup>	≤ 80
8.	Particulate Matter PM <sub>10</sub>	60.0	µg/M <sup>3</sup>	≤ 100
9.	Particulate Matter PM <sub>2.5</sub>	24.0	µg/M <sup>3</sup>	≤ 60

Remark-All above results are within National Ambient Air Quality standards.

➤ BDL – Below Detectable Limit.

ANALYZED BY-

*Aushetty*



AUTHORIZED SIGNATORY

*[Signature]*

Laboratory Recognized by Ministry of Environment, Forest (MoEF) & Climate Change (CC) Govt. of India.  
S.O. 3511 (E), Dated 24<sup>th</sup> August 2021 valid till 9<sup>th</sup> September 2023.

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CERTIFICATIONS :  
ISO 9001 : 2015  
ISO 14001 : 2015  
ISO 45001 : 2018



# EHS MATRIX

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## TEST CERTIFICATE

<b>Report No:</b> EHSM/2022/May/R-330	<b>Date of Report</b>	30/05/2022
<b>Client Name and Address:</b> M/s Kunjir Bioenergy India LLP at Village Mirwadi, Post Dahitane, Taluka-Daund, District Pune , Maharsashtra Distillery Plant	<b>Date of Sampling</b>	23/05/2022
	<b>Start Date of Analysis</b>	24/05/2022
	<b>End Date of Analysis</b>	30/05/2022
	<b>Sample Details</b>	Ambient Air
	<b>Sample Location</b>	Ashtapur
	<b>Time of Sampling</b>	10:40
<b>Sample Collected By</b>	EHS Matrix Pvt Ltd, Pune	

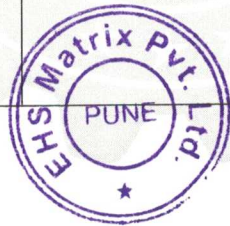
## Ambient Air Analysis Report

Sr. No.	Parameter	Result	Unit(s)	NAAQ Standards
1.	Ambient Temperature	37	°C	
2.	Dry Bulb Temperature	37	°C	
3.	Wet Bulb Temperature	26	°C	
4.	Relative Humidity	50	% RH	
5.	Sampling Duration	1440	Min	
6.	Sulphur Dioxide(SO <sub>2</sub> )	12.0	µg/M <sup>3</sup>	≤ 80
7.	Oxides of Nitrogen(NO <sub>2</sub> )	18.9	µg/M <sup>3</sup>	≤ 80
8.	Particulate Matter PM <sub>10</sub>	58.0	µg/M <sup>3</sup>	≤ 100
9.	Particulate Matter PM <sub>2.5</sub>	20.0	µg/M <sup>3</sup>	≤ 60

**Remark-**All above results are within National Ambient Air Quality standards.  
➤ BDL – Below Detectable Limit.

ANALYZED BY-

*Aushtetty*



AUTHORIZED SIGNATORY

*R.Pok*

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## TEST CERTIFICATE

<b>Report No:EHSM/2022/May/R-331</b>	<b>Date of Report</b>	30/05/2022
<b>Client Name and Address:</b> M/s Kunjir Bioenergy India LLP at Village Mirwadi, Post Dahitane, Taluka-Daund, District Pune , Maharsahtra Distillery Plant	<b>Date of Sampling</b>	23/05/2022
	<b>Start Date of Analysis</b>	24/05/2022
	<b>End Date of Analysis</b>	30/05/2022
	<b>Sample Details</b>	Ambient Air
	<b>Sample Location</b>	Dahitane
	<b>Time of Sampling</b>	11:20
<b>Sample Collected By</b>	EHS Matrix Pvt Ltd, Pune	

## Ambient Air Analysis Report

Sr. No.	Parameter	Result	Unit(s)	NAAQ Standards
1.	Ambient Temperature	37	°C	
2.	Dry Bulb Temperature	37	°C	
3.	Wet Bulb Temperature	26	°C	
4.	Relative Humidity	50	% RH	
5.	Sampling Duration	1440	Min	
6.	Sulphur Dioxide(SO <sub>2</sub> )	11.2	µg/M <sup>3</sup>	≤ 80
7.	Oxides of Nitrogen(NO <sub>2</sub> )	18.0	µg/M <sup>3</sup>	≤ 80
8.	Particulate Matter PM <sub>10</sub>	54.0	µg/M <sup>3</sup>	≤ 100
9.	Particulate Matter PM <sub>2.5</sub>	22.8	µg/M <sup>3</sup>	≤ 60

**Remark-**All above results are within National Ambient Air Quality standards.

➤ BDL – Below Detectable Limit.

**ANALYZED BY-**

*Aushally*



**AUTHORIZED SIGNATORY**

*P. P. Patil*

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<b>Client Name and Address:</b> M/s Kunjir Bioenergy India LLP at Village Mirwadi, Post Dahitane, Taluka-Daund, District Pune , Maharsahtra Distillery Plant	<b>Date of Sampling</b>	23/05/2022
	<b>Start Date of Analysis</b>	24/05/2022
	<b>End Date of Analysis</b>	30/05/2022
	<b>Sample Location</b>	DG Set-1 500 KVA
	<b>Sample Details</b>	Stack
	<b>Time of Sampling</b>	12:30
<b>Sample Collected By</b>	EHS Matrix Pvt Ltd, Pune	

## Source Emission Analysis Report

Sr. No.	Parameter	Result	Unit(s)	Limits As Per MPCB Consent
1.	Material of Stack	MS	--	
2.	Stack Height	8	Mtr.	
3.	Type of Stack	Round	--	
4.	Sampling Duration	30	Min.	
5.	Flue Gas Temperature	463	°K	
6.	Differential Pressure	6.8	mmWG	
7.	Velocity	11.5	M/s	
8.	Dimensions of Stack	0.200	Mtr.	
9.	Stack Area	0.0314	M <sup>2</sup>	
10.	Gas Volume	778.6	NM <sup>3</sup> /Hr	
11.	Particulate Matter	62.0	mg/NM <sup>3</sup>	≤ 150
12.	Sulphur Dioxide (SO <sub>2</sub> )	83.0	mg/NM <sup>3</sup>	--
13.	Sulphur Dioxide (SO <sub>2</sub> )	1.6	Kg/day	N.S.
14.	Oxide of Nitrogen (NO <sub>x</sub> )	21.0	mg/NM <sup>3</sup>	N.S.

### Remark(s):

- All above results are well within MPCB
- N.S.: - Not Specified

ANALYZED BY-

*Ashkhaty*



AUTHORIZED SIGNATORY-

*Rok*

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<b>Client Name and Address:</b> M/s Kunjir Bioenergy India LLP at Village Mirwadi, Post Dahitane, Taluka-Daund, District Pune , Maharsahtra Distillery Plant	<b>Date of Sampling</b>	23/05/2022
	<b>Start Date of Analysis</b>	24/05/2022
	<b>End Date of Analysis</b>	30/05/2022
	<b>Sample Location</b>	DG Set-2 500 KVA
	<b>Sample Details</b>	Stack
	<b>Time of Sampling</b>	13:10
<b>Sample Collected By</b>	EHS Matrix Pvt Ltd, Pune	

## Source Emission Analysis Report

Sr. No.	Parameter	Result	Unit(s)	Limits As Per MPCB Consent
1.	Material of Stack	MS	--	
2.	Stack Height	8	Mtr.	
3.	Type of Stack	Round	--	
4.	Sampling Duration	30	Min.	
5.	Flue Gas Temperature	471	°K	
6.	Differential Pressure	6.8	mmWG	
7.	Velocity	11.6	M/s	
8.	Dimensions of Stack	0.200	Mtr.	
9.	Stack Area	0.0314	M <sup>2</sup>	
10.	Gas Volume	789.5	NM <sup>3</sup> /Hr	
11.	Particulate Matter	63.0	mg/NM <sup>3</sup>	≤ 150
12.	Sulphur Dioxide (SO <sub>2</sub> )	78.6	mg/NM <sup>3</sup>	--
13.	Sulphur Dioxide (SO <sub>2</sub> )	1.45	Kg/day	N.S.
14.	Oxide of Nitrogen (NO <sub>x</sub> )	18.0	mg/NM <sup>3</sup>	N.S.

### Remark(s):

- All above results are well within MPCB
- N.S.: - Not Specified

ANALYZED BY-

*A. Shetty*

AUTHORIZED SIGNATORY-

*[Signature]*



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## TEST CERTIFICATE

<b>Report No: EHSM/2022/May/R-334</b>	<b>Date of Report</b>	30/05/2022
<b>Client Name and Address:</b> M/s Kunjir Bioenergy India LLP at Village Mirwadi, Post Dahitane, Taluka-Daund, District Pune, Maharashtra Distillery Plant	<b>Date of Sampling</b>	23/05/2022
	<b>Start Date of Analysis</b>	24/05/2022
	<b>End Date of Analysis</b>	30/05/2022
	<b>Sample Location</b>	Incineration Boiler 22.5 TPH
	<b>Sample Details</b>	Stack
<b>Time of Sampling</b>		14:30
<b>Sample Collected By</b>	EHS Matrix Pvt Ltd, Pune	

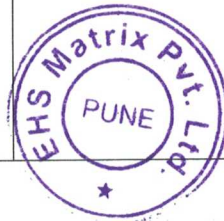
## Source Emission Analysis Report

Sr. No.	Parameter	Result	Unit(s)	Limits As Per MPCB Consent
1.	Material of Stack	MS	--	
2.	Stack Height	58	Mtr.	
3.	Type of Stack	Round	--	
4.	Sampling Duration	30	Min.	
5.	Flue Gas Temperature	457	°K	
6.	Differential Pressure	16.8	mmWG	
7.	Velocity	21.6	M/s	
8.	Dimensions of Stack	2.0	Mtr.	
9.	Stack Area	3.14	M <sup>2</sup>	
10.	Gas Volume	151248.3	NM <sup>3</sup> /Hr	
11.	Particulate Matter	45.8	mg/NM <sup>3</sup>	≤ 150
12.	Sulphur Dioxide (SO <sub>2</sub> )	30.0	mg/NM <sup>3</sup>	--
13.	Sulphur Dioxide (SO <sub>2</sub> )	102.5	Kg/day	N.S.
14.	Oxide of Nitrogen (NO <sub>x</sub> )	14.0	mg/NM <sup>3</sup>	N.S.

### Remark(s):

- All above results are well within MPCB
- N.S.: - Not Specified

ANALYZED BY-



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Branch Office Address :  
F-01, Shakuntala Complex,  
Rajarampuri, 4th Lane,  
Kolhapur - 416008.  
+91 98343 07334

CERTIFICATIONS :  
ISO 9001 : 2015  
ISO 14001 : 2015  
ISO 45001 : 2018



# EHS MATRIX

## PRIVATE LIMITED

Sr. No.30/7, Office No. 202, 203, Chintamani Industrial Estate,  
Near Dran Company, Dhayari, Pune - 411041, Maharashtra, India

+91 91585 60571 / +91 95796 84751 / +91 90961 85285

www.ehsmatrix.co.in ehsmatrixpune@gmail.com

### TEST CERTIFICATE

<b>Report No:</b> EHSM/2022/May/R-335	<b>Date of Report</b>	30/05/2022
<b>Client Name and Address:</b> M/s Kunjir Bioenergy India LLP at Village Mirwadi, Post Dahitane, Taluka-Daund, District Pune , Maharsahtra Distillery Plant	<b>Date of Sampling</b>	23/05/2022
	<b>Sample Details</b>	Ambient Noise
<b>Sample Collected By</b>	EHS Matrix Pvt Ltd, Pune	

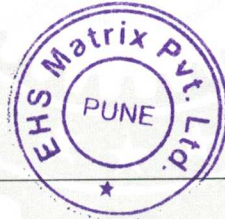
### Ambient Noise Report

Sr. No.	Location	Day Time 06:00 am to 10:00 pm	Night Time 10:00 pm to 06:00 am	CPCB Standards dB(A)
1.	Near Main Gate	66.2	52.6	75/70
2.	Near CPU	62.5	51.0	
3.	Near Boiler	69.0	54.0	
4.	Near DG Set	70.0	55.8	

#### Remark-

- All above Noise level results are within Central Pollution Control Board Standards limit.
- Day/Night -75/70dB.

#### ANALYZED BY-



#### AUTHORIZED SIGNATORY

Laboratory Recognized by Ministry of Environment, Forest (MoEF) & Climate Change (CC) Govt. of India.  
S.O. 3511 (E), Dated 24<sup>th</sup> August 2021 valid till 9<sup>th</sup> September 2023.

**Register Office Address :**  
C-7, Omkar Kudale Patil Estate, Manik  
Baugh, Sinhgad Road, Pune - 411051.  
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**CERTIFICATIONS :**  
ISO 9001 : 2015  
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ISO 45001 : 2018



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## TEST CERTIFICATE

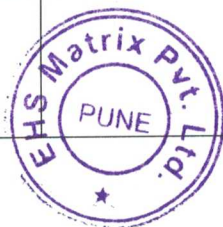
<b>Report No:</b> EHSM/2022/May/R-336	<b>Date of Report</b>	30/05/2022
<b>Client Name and Address:</b> M/s Kunjir Bioenergy India LLP at Village Mirwadi, Post Dahitane, Taluka-Daund, District Pune , Maharsahtra Distillery Plant	<b>Date of Sampling</b>	23/05/2022
	<b>Start Date of Analysis</b>	24/05/2022
	<b>End Date of Analysis</b>	30/05/2022
	<b>Sample Details</b>	Project Site
<b>Sample Collected By</b>	<b>Nature of sample</b>	Solid
	EHS Matrix Pvt Ltd, Pune	

## SOIL ANALYSIS REPORT

Sr. No.	Parameter	Result	Unit(s)
1	Texture	Clay Loam	
2	Percentage Of Different Components		
	Sand	25	%
	Silt	30	%
	Clay	45	%
3.	Soil Moisture	12.4	%
4.	Bulk Density	1.22	gm/cm <sup>2</sup>
5.	Water Holding Capacity	56.8	%
6.	pH	7.4	--
7.	Conductivity	180.0	µs/cm
8.	Organic Carbon	1.21	%
9.	Calcium (as Ca)	32	mg/kg
10	Magnesium (as Mg)	24	mg/kg
11	Total Kjeldhal Nitrogen	0.72	%
12	Phosphorous (as P)	13.0	kg/ha
13	Potassium (as K)	251.6	kg/ha
14	Iron (as Fe)	4.5	mg/kg
15	Zinc (as Zn)	0.63	mg/kg
16	Copper (as Cu)	<0.04	mg/kg
17	Sodium	28	mg/kg
18	Nickel (as Ni)	<0.02	mg/kg
19	Lead (as Pb)	<0.1	mg/kg
20	Sodium Adsorption Ratio	3.0	-

ANALYZED BY-

*Akshobh*



AUTHORIZED SIGNATORY

*P. P. K.*

Laboratory Recognized by Ministry of Environment, Forest (MoEF) & Climate Change (CC) Govt. of India.  
S.O. 3511 (E), Dated 24<sup>th</sup> August 2021 valid till 9<sup>th</sup> September 2023.

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CERTIFICATIONS :  
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www.ehsmatrix.co.in ehsmatrixpune@gmail.com

## Surface Water Analysis Report

<b>Client Name:</b>	M/S Kunjir Bioenergy India LLP	<b>Report Number</b>	EHSM/2022/May/R-337
<b>Project Name and Address:</b> M/s Kunjir Bioenergy India LLP at Village Mirwadi, Post Dahitane, Taluka-Daund, District Pune, Maharashtra Distillery Plant		<b>Date of Report</b>	30/05/2022
		<b>Sample Details</b>	Surface Water
		<b>Nature of sample</b>	Liquid
		<b>Date of Sampling</b>	23/05/2022
		<b>Date of Sample Registration</b>	24/05/2022
		<b>Date of Analysis</b>	24/05/2022
<b>Sample Collected and Analyzed by</b>		EHS Matrix Pvt Ltd, Pune	

Sr. No.	Parameter	Unit(s)	Location	Limits as per IS 10500:2012	Analysis Method
			MulaMutha River Water Near Hingangaon		
1.	Color	Hazen	1.0	5.00	IS : 3025 (Part4):1983
2.	Odor	--	Agreeable	Agreeable	IS : 3025 (Part5):1983, APHA 4500 H <sup>+</sup> , A, 23 <sup>rd</sup> Ed.2017
3.	pH	--	7.5	6.5-8.5	APHA 2550 H <sup>+</sup> , A, 23 <sup>rd</sup> Ed.2017
4.	Temperature	°C	25	Not Specified	IS 3025 (Part 14) 1984 (RA 2006)
4.	Conductivity	µS/cm	714.0	Not Specified	IS 3025 (Part 16):
5.	TDS	mg/lit	334.0	< 500.00	IS 3025 (Part 10): 1983
6.	Turbidity	NTU	14.0	< 1.00	IS: 3025 (Part-17)-1984
7.	TSS	mg/lit	58.0	Not Specified	IS:3025 (Part-38)-1989
8.	D.O	mg/lit	6.4	Not Specified	IS:3025 (Part 58)-2006
9.	COD	mg/lit	102.0	Not Specified	IS:3025 (Part 44)-1993,
10.	BOD 3	mg/lit	36.0	Not Specified	APHA 4500 NH <sub>3</sub> F
11.	Ammonical Nitrogen	mg/lit	6.2	< 0.50	APHA 4500 NO <sub>3</sub> - B
12.	Nitrate as NO <sub>3</sub>	mg/lit	Nil	< 45.00	IS 3025 (Part 34) 1988,
13.	Nitrite as NO <sub>2</sub>	mg/lit	0.11	Not Specified	APHA-4500
14.	Nitrogen as N	mg/lit	0.7	Not Specified	APHA 4500 P-C
15.	Phosphorous as PO <sub>4</sub>	mg/lit	0.14	Not Specified	APHA 3111 B
16.	Potassium as K	mg/lit	10.0	Not Specified	APHA 3111 B
17.	Sodium as Na	mg/lit	6.2	Not Specified	IS 3025 (Part 40) 1991
18.	Calcium as Ca	mg/lit	52.0	< 75.00	IS 3025 (Part 46) 1994(RA2009)
19.	Magnesium as Mg	mg/lit	24.0	< 30.00	IS 3025 (Part 21): 2009
20.	Total Hardness as CaCO <sub>3</sub>	mg/lit	154.0	< 200.00	

ANALYZED BY-

*Aushthy*



AUTHORIZED SIGNATORY

*[Signature]*

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CERTIFICATIONS :  
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ISO 14001 : 2015  
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www.ehsmatrix.co.in | ehsmatrixpune@gmail.com

## Surface Water Analysis Report

<b>Client Name:</b>	<b>M/S Kunjir Bioenergy India LLP</b>	<b>Report Number</b>	<b>EHSM/2022/May/R-33</b>
<b>Project Name and Address:</b> M/s Kunjir Bioenergy India LLP at Village Mirwadi, Post Dahitane, Taluka-Daund, District Pune, Maharashtra Distillery Plant		<b>Date of Report</b>	<b>30/05/2022</b>
		<b>Sample Details</b>	<b>Surface Water</b>
		<b>Nature of sample</b>	<b>Liquid</b>
		<b>Date of Sampling</b>	<b>23/05/2022</b>
		<b>Date of Sample Registration</b>	<b>24/05/2022</b>
		<b>Date of Analysis</b>	<b>24/05/2022</b>

Sample Collected and Analyzed by

EHS Matrix Pvt Ltd, Pune

Sr. No.	Parameter	Unit(s)	Location	Limits as per IS 10500:2012	Analysis Method
			MulaMutha River Water Near Hingangaon		
21.	Carbonates as CO <sub>3</sub> <sup>2-</sup>	mg/lit	18.6	Not Specified	APHA 2320
22.	Bicarbonates as HCO <sub>3</sub>	mg/lit	20.0	Not Specified	APHA 2320
23.	Chlorides as Cl <sup>-</sup>	mg/lit	78.0	< 250.00	IS 3025 (Part 32):
24.	Sulphates as SO <sub>4</sub>	mg/lit	51.0	< 200.00	IS 3025 (Part-24):
25.	Sulphide as H <sub>2</sub> S	mg/lit	BDL	< 0.05	APHA-4500-S2
26.	Fluorides as F <sup>-</sup>	mg/lit	0.52	< 1.00	APHA 4500-F <sup>-</sup> D
27.	Iron as Fe	mg/lit	0.15	< 0.30	APHA 3111 B
28.	Aluminum as Al	mg/lit	BDL	<0.03	APHA 3111 B
29.	Barium as Ba	mg/lit	BDL	<0.70	APHA 3111 B
30.	Boron as B	mg/lit	BDL	< 0.50	APHA 3111 B
31.	Copper as Cu	mg/lit	BDL	< 0.05	APHA 3111 B
32.	Selenium as Se	mg/lit	BDL	<0.01	APHA 3111 B
33.	Zinc as Zn	mg/lit	BDL	<5.00	APHA 3111 B
34.	Cadmium as Cd	mg/lit	BDL	<0.003	APHA 3111 B
35.	Lead as Pb	mg/lit	BDL	<0.01	APHA 3111 B
36.	Mercury as Hg	mg/lit	BDL	<0.001	APHA 3111 B
37.	Nickel as Ni	mg/lit	BDL	< 0.02	APHA 3111 B
38.	Arsenic as As	mg/lit	BDL	< 0.01	APHA 3111 B
39.	Chromium as Cr	mg/lit	BDL	< 0.05	APHA 3111 B
40.	Total Coli form	No./100ml	<b>112.0</b>	Absent	IS: 1622 (Rev.1,R.A : 201
41.	Fecal Coli form	No./100ml	Absent	Absent	IS: 1622 (Rev.1,R.A : 201

ANALYZED BY-

*M. Shetty*

AUTHORIZED SIGNATURE

*P. G. K.*



Laboratory Recognized by Ministry of Environment, Forest (MoEF) & Climate Change (CC) Govt. of India.  
S.O. 3511 (E), Dated 24<sup>th</sup> August 2021 valid till 9<sup>th</sup> September 2023.

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www.ehsmatrix.co.in ehsmatrixpune@gmail.com

## TEST CERTIFICATE

<b>Report No: EHSM/2022/May/R-338</b>	<b>Date of Report</b>	30/05/2022
<b>Client Name and Address:</b> M/s Kunjir Bioenergy India LLP at Village Mirwadi, Post Dahitane, Taluka-Daund, District Pune , Maharsahtra Distillery Plant	<b>Date of Sampling</b>	23/05/2022
	<b>Start Date of Analysis</b>	24/05/2022
	<b>End Date of Analysis</b>	30/05/2022
	<b>Sample Details</b>	CPU Treated Water
	<b>Nature of sample</b>	Liquid
<b>Sample Collected By</b>	EHS Matrix Pvt. Ltd, Pune	

## Water Analysis Report

Sr. No.	Parameter	Result	Unit(s)	Standard Method
<b>Physical Parameter</b>				
1.	TDS	548.0	mg/lit	APHA 2130
2.	Total Suspended Solid	12.0	mg/lit	IS: 3025 Part-17 (R.A : 2012)
<b>Chemical Parameter</b>				
3.	pH	7.8	--	IS: 3025 Part-11 (R.A : 2012)
4.	BOD at 27°C for 3 days	18.0	mg/lit	IS: 3025 Part-44 (R.A : 2014)
5.	Oil and grease	1.4	mg/lit	IS: 3025 Part-39 (R.A : 2014)
6.	COD	68.0	mg/lit	IS: 3025 Part-58 (R.A : 2012)
7.	Sulphate	22.0	mg/lit	IS: 3025 Part-29 (R.A : 2014)
8.	Chloride(As Cl <sup>-</sup> )	14.0	mg/lit	IS: 3025 Part-32 (R.A : 2014)
<b>ANALYZED BY-</b> 		<b>AUTHORIZED SIGNATORY</b>  		

Laboratory Recognized by Ministry of Environment, Forest (MoEF) & Climate Change (CC) Govt. of India.  
S.O. 3511 (E), Dated 24<sup>th</sup> August 2021 valid till 9<sup>th</sup> September 2023.

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**CERTIFICATIONS :**  
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ISO 14001 : 2015  
ISO 45001 : 2018

## **ANNEXURE III**

### **CORPORATE ENVIRONMENT RESPONSIBILITY**

### Work under Corporate Environment Responsibility

Sr. No	Activities	Cost in Rs
1	Stage at Z.P School , Mirwadi and pipeline for trees in Mirwadi village	6,00,000/-
2	Boundary wall for Mirwadi High school	15,00,000/-
3	Stone wall at Padmavati Temple	5,00,000/-
4	Primary school Building construction at Memanewadi	20,00,000/-
5	Toilet facility at Primary school Memanewadi	5,00,000/-
6	RCC pipe for Nala at Mirwadi	3,00,000/-
7	Paving Block at Rayaba Temple in Mirwadi	13,00,000/-
8	Grampanchayt Dahitane for school	1,00,000/-
9	Repairing of Road Memanewadi to Mirwadi	20,00,000/-
	Total	8800000/-

**ANNEXURE IV**  
**ONLINE MONITORING SYSTEM**

**Online Monitoring system**







## **ANNEXURE V**

### **ACKNOWLEDGEMENT COPY OF SIX MONTHLY COMPLIANCE REPORT TO**

- RO, MOEF NAGPUR
- REGIONAL OFFICER, MAHARASHTRA POLLUTION CONTROL BOARD, PUNE,
- MEMBER SECRETARY, MAHARASHTRA POLLUTION CONTROL BOARD, MUMBAI.
- PRINCIPAL SECRETARY, ENVIRONMENT DEPT. GOVERNMENT OF MAHARASHTRA, MUMBAI





Universe Enviro &lt;universeenviropune@gmail.com&gt;

---

**Six Monthly Post Environment Clearance Compliance Report of 60 KLPD Sugarcane Juice and Molasses based Distillery by M/s Kunjir Bioenergy India LLP at Village Mirwadi, Post Dahitane, Taluka-Daund, District Pune , Maharashtra \_ December 2021**

---

Universe Enviro &lt;universeenviropune@gmail.com&gt;

Thu, Dec 16, 2021 at 9:23 AM

To: ecompliance-mh@gov.in

Cc: kunjir bioenergy &lt;kbillp2016@gmail.com&gt;

**Dear Sir,****Reference :** EC letter of distillery Unit: F. No. J-11011/305/2016-IA II (I) Dated 15<sup>th</sup> November 2018.

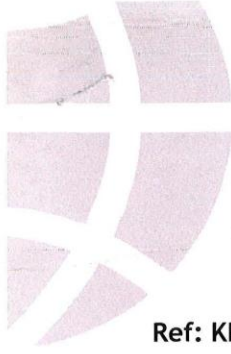
With reference to the above subject we are here with submitting six monthly Post Environment Clearance Compliance Report along with project information sheet, Point wise Compliance of EC conditions and Environment monitoring report for the period of July to December 2021 of 60 KLPD Sugar cane Juice and Molasses based Distillery by M/s Kunjir Bioenergy India LLP at Village Mirwadi, Post Dahitane, Taluka-Daund, District Pune, Maharashtra .

--

**Adhikrao Yewale****Director****Universe Environment Consultancy, Pune****8600017756**

---

 **Six Monthly Post EC Compliance\_ december2021.pdf**  
17802K



Ref: KBILLP/ADMIN/2021-2022/124

Date:15.12.2021

To,  
Regional Office,  
Ministry of Environment and Forest, Climate Change  
Regional Office (WCZ), Ground Floor,  
East Wing, New Secretariat Building,  
Civil Line, Nagpur-440001

**Subject:** Submission of Six Monthly Compliance Report for 60 KLPD Sugar Juice and Molasses based Distillery at Village Mirwadi, Post Dahitane, Taluka-Daund, District Pune, Maharashtra by M/s Kunjir Bioenergy India LLP.

**Reference:** EC letter of distillery Unit: F. No. J-11011/305/2016-IA II (I) Dated 15th November 2018.

Dear Sir,

As per the condition mention in the Environmental clearance letter no. F. No. J-11011/305/2016-IA II (I) Dated 15th November 2018 We are herewith submitting the following.

Particulars	Description
1. Name of the Project	60 KLPD Sugar Juice and Molasses based distillery Project at Village Mirwadi, Post Dahitane, Taluka-Daund, District Pune, Maharashtra by M/s Kunjir Bioenergy India LLP
2. Project Proponent	M/s Kunjir Bioenergy India LLP
3. Current status of the project	In Operation
4. Contact details of the nodal officer	Shri. Amit Kunjir by M/s Kunjir Bioenergy India LLP at Village Mirwadi, Post Dahitane, Taluka-Daund, District Pune , Maharashtra E-mail : kbillp2016@gmail.com Contact no: 9921600011
5. Project Information sheet	Annexure no-I
6. Compliance condition	Annexure no-II
7. Monitoring report	Monitoring report are attached as Annexure

**Corporate Office :**

S.No.52/1/99, Shriram Housing Society "KUNJIR HOUSE" Behind New City Merchant Bank,  
Pune nagar Road, Chandannagar, Kharadi, Pune - 411 014.

**Factory :**

Gat No. 47/1, 47/2, 48 to 53(P), At Mirwadi, Post Dahitane, Taluka-Daund, District Pune-412207.

**GSTIN : 27AAQFK7285B1ZZ | PAN NO. AAQFK7285B**

Mob.: 9921600011 | Email: kbillp2016@gmail.com



We hope the above information is in line with your requirement.

Thanking You,

Yours faithfully,

For M/s Kunjir Bio energy India LLP

*Kunjir*

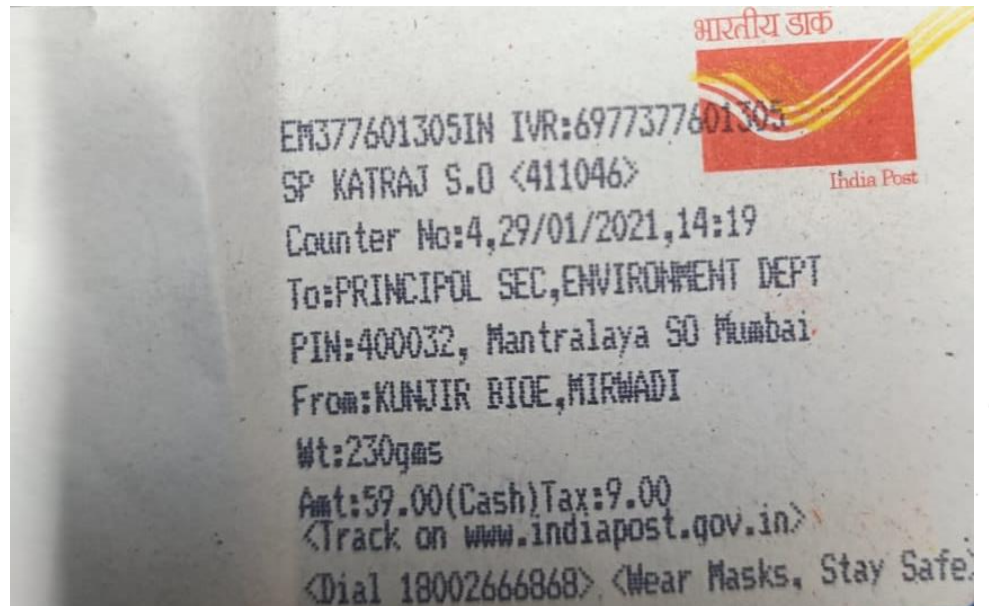
Mr. Amit Kunjir

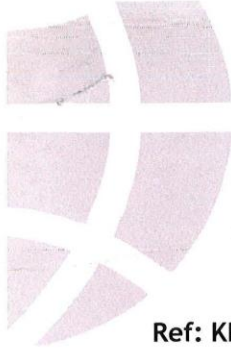
Encl: Compliance report

CC.



1. Department of Environment Gov. of Maharashtra
2. MPCB Mumbai Office
3. MPCB Pune Office





Ref: KBILLP/ADMIN/2021-2022/124

Date:15.12.2021

To,  
Regional Office,  
Ministry of Environment and Forest, Climate Change  
Regional Office (WCZ), Ground Floor,  
East Wing, New Secretariat Building,  
Civil Line, Nagpur-440001

**Subject:** Submission of Six Monthly Compliance Report for 60 KLPD Sugar Juice and Molasses based Distillery at Village Mirwadi, Post Dahitane, Taluka-Daund, District Pune, Maharashtra by M/s Kunjir Bioenergy India LLP.

**Reference:** EC letter of distillery Unit: F. No. J-11011/305/2016-IA II (I) Dated 15th November 2018.

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As per the condition mention in the Environmental clearance letter no. F. No. J-11011/305/2016-IA II (I) Dated 15th November 2018 We are herewith submitting the following.

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**Factory :**

Gat No. 47/1, 47/2, 48 to 53(P), At Mirwadi, Post Dahitane, Taluka-Daund, District Pune-412207.

**GSTIN : 27AAQFK7285B1ZZ | PAN NO. AAQFK7285B**

Mob.: 9921600011 | Email: kbillp2016@gmail.com



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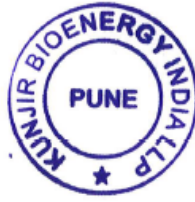
For M/s Kunjir Bio energy India LLP

*Kunjir*

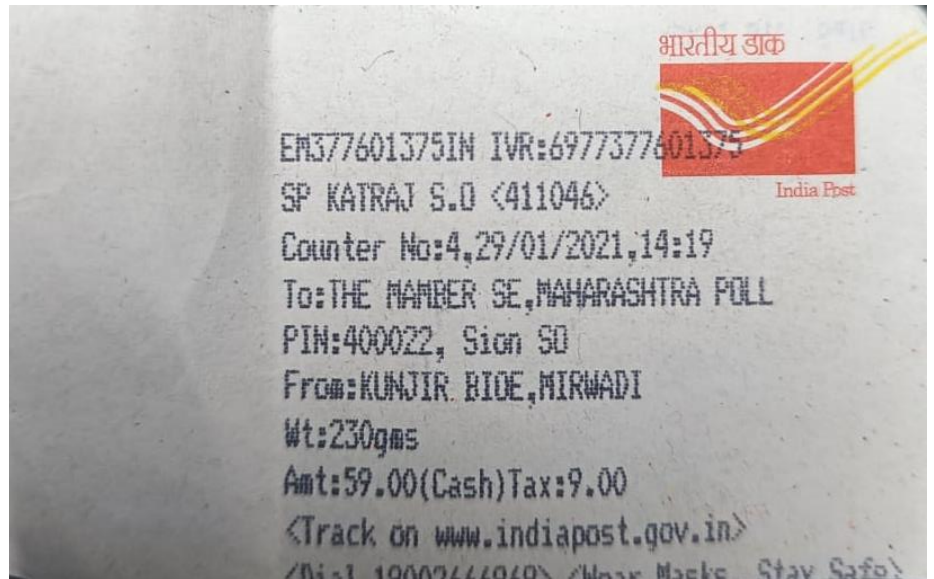
Mr. Amit Kunjir

Encl: Compliance report

CC.



1. Department of Environment Gov. of Maharashtra
2. MPCB Mumbai Office
3. MPCB Pune Office



**ANNEXURE VI**

**FORM V**



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2021

### Unique Application Number

MPCB-ENVIRONMENT\_STATEMENT-0000039407

### Submitted Date

30-09-2021

## PART A

### Company Information

#### Company Name

Kunjir Bioenergy India LLP

#### Application UAN number

UAN.No. MPCB Consent  
-0000097419

#### Address

S.no 47/1,,47/2,48,49,50,51,52&53(p) Village - Mirwadi,

#### Plot no

S.no 47/1,,47/2,48,49,50,51,52&53(p)

#### Taluka

Daund

#### Village

Mirwadi

#### Capital Investment (In lakhs)

86.3301

#### Scale

LSI

#### City

Dahitane

#### Pincode

412207

#### Person Name

Mr Amit Kunjir

#### Designation

Chairman

#### Telephone Number

9921600011

#### Fax Number

#### Email

kbillp2016@gmail.com

#### Region

SRO-Pune I

#### Industry Category

Red

#### Industry Type

R60 Distillery ( molasses / grain /yeast based)

#### Last Environmental statement submitted online

no

#### Consent Number

Format 1.0/BO/CAC/UAN No.  
0000097419/CO -2012001328

#### Consent Issue Date

2020-12-30

#### Consent Valid Upto

2021-08-31

#### Establishment Year

2020

#### Date of last environment statement submitted

Sep 30 2021 12:00:00:000AM

#### Industry Category Primary (STC Code) & Secondary (STC Code)

### Product Information

#### Product Name

RS/ENA/Ethanol

#### Consent Quantity

19800

#### Actual Quantity

611

#### UOM

KL/A

Power

2

1.4

Mwh

### By-product Information

#### By Product Name

NA

#### Consent Quantity

0

#### Actual Quantity

0

#### UOM

CMD

## Part-B (Water & Raw Material Consumption)

### 1) Water Consumption in m3/day

Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
Cooling	526.00	370.00
Domestic	580.00	410.00
All others	20.00	15.00
Total	0.00	0.00
	1126.00	795.00

### 2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade effluent	514	360	CMD
Domestic	16	10	CMD

### 2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)

Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
NA	0	0	CMD

### 3) Raw Material Consumption (Consumption of raw material per unit of product)

Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
Molasses	0	2557.1	

### 4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Coal	47000	30000	

## Part-C

### Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)

#### [A] Water

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
NA	0	0	0	0	0

#### [B] Air (Stack)

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/NM3) Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
PM	0	50	0	150	0
SO2	117	16.4	0	0	0

## Part-D

### HAZARDOUS WASTES



### 1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used or spent oil	0	5.0	Kg/Annum

### 2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	CMD

## Part-E

### SOLID WASTES

#### 1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Coal Ash	0	13500	Kg/Day
Coal Ash	0	13500	SqMtr/D
Spent wash ash	0	21600	Kg/Day
Spent wash ash	0	21600	SqMtr/D
Yeast Sludge	0	7000	Kg/Day
Yeast Sludge	0	7000	SqMtr/D

#### 2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	0	0	CMD

### 3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	CMD

## Part-F

Please specify the characteristics(in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

### 1) Hazardous Waste

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
5.1 Used or spent oil	5.0	CMD	0

### 2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
NA	0	CMD	0

## Part-G

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
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**Part-H****Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.****[A] Investment made during the period of Environmental Statement**

<b>Detail of measures for Environmental Protection</b>	<b>Environmental Protection Measures</b>	<b>Capital Investment (Lacks)</b>
Testing of environment parameters	Monitoring	0.90
Operation and Maintaince	CPU	1.50
Green belt	Plantation	2.0

**[B] Investment Proposed for next Year**

<b>Detail of measures for Environmental Protection</b>	<b>Environmental Protection Measures</b>	<b>Capital Investment (Lacks)</b>
testing of environment parameters	Monitoring	2.0
Operation and Maintaince	Stack and CPU	3.0
Green Belt	Plantation	5.0

**Part-I****Any other particulars for improving the quality of the environment.****Particulars**

NA

**Name & Designation**

Amit Kunjir

**UAN No:**

MPCB-ENVIRONMENT\_STATEMENT-0000039407

**Submitted On:**

30-09-2021

**ANNEXURE VII**

**ADVERTISE IN LOCAL NEWS PAPER**

