



REF. NO.:

DATE: 30/11/2023

To,
The Regional Officer,
MoEFCC; Western Region (WCZ),
Ground Floor, East Wing,
New Secretariat Building,
Civil Lines, Nagpur – 440001

Sub. : Submission of Six Monthly Environment Compliance reports for the period **April 2023 to September 2023** w.r.t. 50 KLD Molasses Based Distillery Unit, along with 25 MW. Co-generation Power Plant by **Olam Global Agri Commodities India Pvt. Ltd) at post Chanatti,Rajgoli Khurd Chandgad Dist. Kolhapur , Maharashtra**

Ref. : Environmental Clearance (EC) Identification No & Letter No. – J-11011/412/2006-1A-II (I) dated 06.07.2007 (**Refer Enclosure I**)

Respected Sir,

This has reference to Environmental Clearance (EC) granted to Establishment of 50 KLD Molasses Based Distillery Unit along with 25 MW. Co-generation Power Plant by **Olam Global Agri Commodities India Pvt. Ltd) at post Chanatti,Rajgoli Khurd Chandgad Dist. Kolhapur , Maharashtra**

As per OM, we are submitting a six monthly compliance report for a period of **April 2023 to September 2023**.

We hope the details furnished by us are in accordance with your requirements.

Thanking you,

Yours faithfully,
Olam Global Agri Commodities India Pvt Ltd

**For Olam Global Agri Commodities
India Pvt. Ltd.**

**Bharat Kundal
Business Head-Sugar (India)**

Olam Global Agri Commodities India Private Limited

Registered Office: 2nd Floor| Tower-A | DLF Building No. 8 | DLF Cyber City | Phase-2 | Gurugram | Haryana-122002

Ph: 0124-4839999, CIN: U51229HR2021FTC097076

Factory Address: Gat No. 76, Channehatti-Rajgoli (KH), Tal Chandgad, Dist- Kolhapur, Maharashtra-416508

Enclosure- I

EC Letter

भारत सरकार

पर्यावरण एवं वन मंत्रालय

GOVERNMENT OF INDIA

MINISTRY OF ENVIRONMENT & FORESTS

File No.J-11011/412/2006-IA II (I)

BY SPEED POST

Telefax: 011-24360488

E-mail: sansomj@gmail.com

sansom_2859@yahoo.co.in

Date: 6th July 2007

To,

Shri Vasu Rao A.N.

Vice President

Hemarus Technologies Limited

Chanatti, Rajgoli Khurd

Chandgad, Kohlapur

Maharashtra

Subject: 50 KLD Molasses Based Distillery Unit along with 25 MW Cogeneration Power Plant at Chanatti, Rajgoli Khurd, Chandgad Kolhapur in Maharashtra by M/s Hemarus Technologies Ltd.- Environmental Clearance Regarding.

Sir,

Kindly refer to your application No. HTL/ENVCLR/Ministry of Environment and Forest/2006/11/110 dated 10th November 2006 regarding the subject mentioned above

2. The Ministry of Environment and Forests has examined the proposal. It is noted that the proposal is to set up a new 50 KLD Molasses Based Distillery along with 25 MW Cogeneration Power Plant Unit. The cost of the project is Rs. 86.63 Crores, out of which Rs.12.315 Crores will be earmarked for environmental protection measures. The Distillery will operate only for 240 days per year. The distillery and power plant will be located in the sugar complex for which total land area is 98.00 ha out of which 25.0 ha will be reserved for distillery and 33 ha has been earmarked for green belt development. No ecologically sensitive area exists in 7 km periphery of the project site. The project does not involve any R & R. Distillery will have Semi Continuous Fermentation Process. The project will also have a Bagasse fired Boilers where 900 TPD of Bagasse shall be used as fuel. Power requirement of 1000 KWH would be met from the CPP of Sugar Unit. Water requirement of 2260 KLD would be met from the Tambraparni River. No ground water shall be used. The spent wash generated will be Bio-composted after Biomethanation. Public Hearing of the project was held on 29.09.2006.

3. The project activity is covered in 5 (g) under the EIA Notification, 2006 and is of 'A' category. The project was considered as per EIA Notification, 1994 in accordance with Para 2.2.1 (i) (a) of Interim Operational Guidelines of the Ministry dated 13th October, 2006 as the EIA/EMP were prepared and Public Hearing was already held.

Contd.



जहाँ है हरियाली।

पर्यावरण भवन, सी.जी.ओ. कॉम्प्लेक्स, लोदी रोड, नई दिल्ली - 110 003

4. Based on the information submitted by you, the Ministry of Environment and Forests hereby accords environmental clearance to above project under the provisions of EIA Notification, 2006 subject to the compliance of the following Specific and General conditions:

A. SPECIFIC CONDITIONS:

- (i) Necessary Clearance from National Board for Wildlife or State Chief Wildlife Warden may be obtained if there is any wildlife sanctuary or eco-sensitive zone exists within 10 km radius of the project.
- (ii) The Distillery Unit shall operate only for 240 days and shall not operate during rainy season. Permission from the Ministry may be obtained for any increase in the working days. The unit will not operate during rainy season.
- (iii) Revised Guidelines of 2006 issued by CPCB for Distilleries shall be followed. Wherever the limits are different, as stipulated here, the revised limits of CPCB will prevail.
- (iv) The industry shall ensure that the treated effluent and stack emissions from the unit are within the norms stipulated under the EPA rules or SPCB whichever is more stringent. In case of process disturbances/failure of pollution control equipment adopted by the unit, the respective unit shall be shut down and shall not be restarted until the control measures are rectified to achieve the desired efficiency.
- (v) For control of air emissions from 80 TPH and 110 TPH boilers, Electrostatic Precipitator of efficiency 99.998% would be installed to limit the particulate emissions within permissible limits. Boilers would be provided with stacks of 65 m and 71.0 m height for dispersion of particulates.
- (vi) Noise levels will be limited within 60 - 65 dBA.
- (vii) The company shall adopt Semi Continuous Fermentation Technology. Spent wash generation and domestic effluent generation shall not exceed 445 m³/d and 22.0 respectively. For treatment of spent wash the unit shall adopt Bio-methanation followed by Bio- Composting. It will be ensured that the spent wash generation shall not exceed 9 Kl/Kl of alcohol produced. Press mud requirement will be 35,600 MTA and will be available from their Sugar Unit of 3,500 TCD. Spent lees and other water discharges will be treated in the ETP. Requirement of Press mud will be 26900 MTA and compost produced will be 26000 MTA. 3600 MT of Boiler Ash and Bagacillo will be used for complete composting.

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There will be no discharge of wastewater from the distillery and zero discharge shall be strictly followed. Also separate Effluent treatment plant should be provided for the treatment of 326 m³/d effluent generating from 25 MW Power Plant. The capacity of Lagoon will be for 30 days storage as per CPCB Guidelines.

- (viii) Land and other requirements for treatment of spent wash with press mud shall be as per the CPCB guidelines. The company shall earmark an area of 20 Acres for bio-composting, storage of finished products etc. The compost yard shall be made impervious as per the CPCB guidelines.
- (ix) Water requirement shall not exceed 1170 KLD which will be met from the Tambraparni River. A copy of the water withdrawal permission shall be submitted to the Ministry.
- (x) The spent wash shall be stored in impervious pucca lagoons. The spent wash lagoons shall have proper lining with HDPE and shall be kept in proper condition to prevent ground water pollution. Storage shall be as per the revised guidelines of CPCB.
- (xi) Adequate numbers of ground water quality monitoring stations shall be set up around the compost plant and the project area. These monitoring stations will be provided with piezometers. Sampling and trend analysis monitoring must be made on monthly a basis and report submitted to SPCB and this Ministry. The company shall carry out regular analysis of compost, leachate for BOD and pH.
- (i) Fly ash generated from 25 MW power plant shall be utilized as per guidelines issued by Ministry of Environment & Forests.
- (ii) 33 Ha of land area will be developed as green belt all around the plant and compost yard to mitigate the effects of fugitive emissions. The green belt will be as per the CPCB guidelines in consultation with the local DFO.
- (iii) Company shall adopt rainwater-harvesting measures to recharge the ground water.
- (iv) Occupational health surveillance programme shall be undertaken as regular exercise for all the employees. The first aid facilities in the occupational health center shall be strengthened and the medical records of each employee shall be maintained separately.

B. GENERAL CONDITIONS:

- (i) No further expansion or modifications in the plant shall be carried out

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without prior approval of the Ministry of Environment and Forests.

- (ii) Ambient Air Quality Monitoring Stations shall be set up in consultation with the State Pollution Control Board in the down wind direction as well as where maximum ground level concentration of SPM, SO₂, NO_x and RSPM are anticipated. RSPM will also be monitored regularly.
- (iii) 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 should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
- (iv) The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA /EMP report.
- (v) A separate environmental management cell equipped with full fledged laboratory facilities must be set up to carry out the environmental management and monitoring functions.
- (vi) The project authorities shall provide funds of Rs. 12.315 Crores as capital cost for the environment protection measures. Separate funds for recurring expenditure to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government shall be kept. Also, the implementation schedule for all the conditions stipulated herein shall be submitted. The funds so provided shall not be diverted for any other purpose.
- (vii) The implementation of the project vis-à-vis environmental action plans will be monitored by the concerned Regional Office of the Ministry /State Pollution Control Board/Central Pollution Control Board. A six monthly compliance status report along with the monitored data shall be submitted to the monitoring agencies and shall be posted on the Website of the Proponent.
- (viii) 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 State Pollution Control Board/Committee and may also be seen at Website of the Ministry of Environment and Forests at <http://envfor.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 Regional office.

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(ix) The Project Authorities shall inform the Ministry and its concerned Regional Office about date of financial closure and final approval of the project by the concerned authorities and the date of start of land development work.

5. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.

6. The Ministry reserves the right to stipulate additional conditions if found necessary. The company will implement these conditions in a time bound manner.

7. The above conditions will be enforced along with the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules hereunder.


(Sanchita Jindal)
Additional Director

Copy to:

1. The Secretary, Department of Environment & Energy, Government of Maharashtra, Room No. 403, 4th Floor, Mantralaya, Mumbai-400 032, Maharashtra.
2. Chief Conservator of Forests, Ministry of Environment & Forests, Regional Office (WZ), E-5, Arera Colony, Link Road-3, Bhopal : 462 016, Madhya Pradesh.
3. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, Delhi-110032.
4. The Chairman, Maharashtra Pollution Control Board, Kalpataru Point, 3rd and 4th Floor, Matunga Scheme Road, Road No. 6, Opp. Cine Planet, Circle Sion (E), Mumbai -400022, Maharashtra.
5. JS (CCI-I), Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi - 110003.
6. Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi- 110003.
7. Guard File/Monitoring File/Record File

(Sanchita Jindal)
Additional Director

Enclosure - II
Change in
Name
EC



सत्यमेव जयते

File No:J-11011/412/2006-IA II (I)
Government of India
Ministry of Environment, Forest and Climate Change
IA Division



Dated 20/11/2023



To,

Sh. Bharat Kundal
Gut No. 76, Channehatti, Post: Rajgoli (Kh), Tal.: Chandgad, dist.: Kolhapur, Maharashtra,
Channehatti, Post: Rajgoli (Kh), KOLHAPUR, MAHARASHTRA, 416508
bharat.kundal@olamnet.com

Subject: 50 KLD molasses based distillery unit along with 25 MW co-generation power plant at Chanatti, Rajgoli Khurd, Chandgad Kolhapur in Maharashtra by M/s. Hemarus Technologies Limited - Transfer of Environment Clearance regarding.

Sir/Madam,

This is in reference to your application submitted to MoEF&CC vide proposal number IA/MH/IND2/446513/2023 dated 30th September, 2023 for grant of transfer of Environmental Clearance (EC) to the project under the provision of para 11 of the EIA Notification 2006-and as amended thereof.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC23A2501MH5115324T
(ii) File No.	J-11011/412/2006-IA II (I)
(iii) Clearance Type	Transfer of EC
(iv) Category	A
(v) Project/Activity Included Schedule No.	5(g) Distilleries,1(d) Thermal Power Plants
(vi) Sector	Industrial Projects - 2
(vii) Name of Project	50 KLD molasses based distillery unit along with 25 MW co-generation power plant at Chanatti, Rajgoli Khurd, Chandgad Kolhapur in Maharashtra by M/s. Hemarus Technologies Limited
(viii) Name of Company/Organization	
(ix) Location of Project (District, State)	KOLHAPUR, MAHARASHTRA
(x) Issuing Authority	MoEF&CC
(xi) EC Date	06/07/2007
(xiii) Details of Transferee	Gut No. 76, Channehatti, Post: Rajgoli (Kh), Tal.:

Chandgad, dist.: Kolhapur,
Maharashtra, Channehatti, Rajgoli
(Kh.), 480, 27, 416508
Hemarus Technologies Ltd., Gat No.
76, Channehatti, Rajgoli (Kh.), 480, 27, 416508

(xiv) Details of Transferor

3. This has reference to your online proposal vide No. IA/MH/IND2/446513/2023 dated 30th September, 2023 regarding transfer of environmental clearance to the above project, from M/s. Hemarus Technologies Limited to M/s. Olam Global Agri Commodities India Private Limited.

4. Ministry of Environment, Forests and Climate Change issued environmental clearance vide letter No. J-11011/412/2006-IA II (I) dated 06th July, 2007 to M/s. Hemarus Technologies Limited for 50 KLD molasses based distillery unit along with 25 MW co-generation power plant at Chanatti, Rajgoli Khurd, Chandgad Kolhapur in Maharashtra.

5. Now, the name of the company has changed from M/s. Hemarus Technologies Limited to M/s. Olam Global Agri Commodities India Private Limited **with change of ownership**. Registrar of Companies certificate is submitted which mentions CIN number U51229HR2021FTC097076 of M/s. Olam Global Agri Commodities India Private Limited & CIN number U85110AP2006PLC048909 of M/s. Hemarus Technologies Limited respectively.

6. M/s. Olam Global Agri Commodities India Private Limited (Formerly Known as M/s. Hemarus Technologies Limited) has submitted a copy of NOC given by VP & Business head-Sugar (Mr. Bharat Kundal) to transfer the above EC in the name of new company. Copy of undertaking signed by VP & Business head-Sugar (Mr. Bharat Kundal) of M/s. Olam Global Agri Commodities India Private Limited has been submitted to abide by the terms and conditions prescribed in the environmental clearance dated 06th July, 2007.

7. As per the relevant provisions of the EIA Notification, 2006, the environmental clearance for 50 KLD molasses based distillery unit along with 25 MW co-generation power plant at Chanatti, Rajgoli Khurd, Chandgad Kolhapur in Maharashtra granted by this Ministry vide letter No. J-11011/412/2006-IA II (I) dated 06th July, 2007 is hereby transferred from M/s. Hemarus Technologies Limited to M/s. Olam Global Agri Commodities India Private Limited **only for transferring the implemented part within EC validity period i.e. 25 MW Cogeneration Power Plant** on the same terms and conditions under which the prior environmental clearance was initially granted, and for the same validity period.

8. This issues with approval of the competent authority.

Copy To

1. The Secretary, Department of Environment, Government of Maharashtra, Mumbai 400 032
2. The Regional Officer, Ministry of Env., Forest and Climate Change, Integrated Regional Office, Ground Floor, East Wing, New Secretariat Building, Civil Lines, Nagpur- 440001 Maharashtra
3. The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, Delhi -32
4. The Member Secretary, Maharashtra Pollution Control Board, Kalpataru Point, 3rd and 4th 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
6. The District Collector, District Kolhapur, Maharashtra
7. Guard File/Monitoring File/Parivesh portal/Record File

Additional EC Conditions

N/A

**Six monthly (Period April 2023- September 2023) Compliance reports
for Olam Global Agri Commodities India Pvt. Ltd. (OGACIPL)
of capacity 50 KLD Molasses Based Distillery Unit, along with 25 MW.
Co-generation Power Plant**

A. Brief Summary of the Project

1. **Name of Project** : **Olam Global Agri Commodities India Pvt. Ltd. (OGACIPL)**
2. **Clearance Letter No. & date** : EC Letter No. J-11011/412/2006-IA-II (I) dated 06.07.2007
3. **Location: District & State/UT** : Dist.: Kolhapur, State.: Maharashtra State
4. **Address for Correspondence** : At/Post: Channehatti, Rajgoli (Kh.) Tal: Chandgad, Dist.: Kolhapur, Maharashtra State.

A. Preamble:

In the Integrated Project Complex of **Olam Global Agri Commodities India Pvt. Ltd. (OGACIPL)**, following units are in operation –

1. 4,960 TCD Sugar Factory,
2. 25 MW Co-generation Plant.

- Initially, the company- Hemarus Technologies Limited (HTL) was registered vide Registration No.: U85110A2006PLC48909 dated 27.01.2006. The land before establishment of the Sugar Factory procured by HTL was fallow.
- The management of HTL planned to establish 50 KLPD Molasses distillery and 25 MW Cogen along with 3500 TCD Sugar factory. Accordingly, EC was procured from MoEF; Govt. of India, New Delhi for 50 KLPD Distillery and 25 MW Cogen on 06.07.2006 vide its EC Letter No. J-11011/412/2006-IA-II (I) dated 06.07.2007.
- The Cogeneration Unit and Sugar Factory was established and commissioned in year 2010. First crushing season of sugar factory was undertaken in 2010-11 with crushing capacity 3500 TCD. The establishment of distillery unit has not been implemented on site although an EC was taken.
- In year 2010, there was change in company name from HTL to Hemarus Industries Ltd. without change in ownership of company vide change in name certificate dated 27.12.2010.
- Further, in year 2013-14 1st expansion of Sugar factory from 3500 to 4800 TCD was taken. Subsequently, the project has been granted Consent to Operate (CTO) by MPCB.
- Once again there was change in company name from Hemarus Industries Ltd. to Olam Agro India Ltd., vide Corporate Identity Number U85110HR2006 PLC048628 dated 01.04.2015. There was conversion from Public Company to Private Company in year 2015. From Olam Agro India Ltd it was changed to Olam Agro India Pvt. Ltd. on 16.04.2015.
- Later, the Industry planned for 2nd Sugar Factory expansion from 4800 to 4960 TCD & 25 MW Co-gen Plant in the year 2016-17. Subsequently, the project has been granted Consent to Operate (CTO) by MPCB.
- Subsequently, in year 2021, the management of Olam Group of companies planned to undertake a Business Transfer. Here, the entire business under the title of Olam Agro India Pvt. Ltd., is

transferred to new group company – Olam Global Agri Commodities India Pvt. Ltd., formed vide No. Corporate Identity Number U51229HR2021 FTC097076 dated 17.08.2021. This business transfer was executed vide agreement dated 29.12.2021.

- In the year 2023, online proposal vide No. IA/MH/IND2/446513/2023 dated 30th September, 2023 regarding transfer of environmental clearance to the above project, from M/s. Hemarus Technologies Limited to M/s. Olam Global Agri Commodities India Private Limited. Refer **Encloser - II**

B. Status of Compliance of EC Conditions :

Compliance of terms & conditions mentioned in Environmental Clearance (EC) Letter J-11011/412/2006-IA-II (I) dated 06.07.2007 for period April 2023- September 2023 as follows –

Sr. No	Environmental Clearance Conditions	Compliance towards the Conditions Stipulated
A.	Specific Conditions	
1.	<p>Condition No. I Necessary Clearance from National Board for Wildlife or State Chief Wildlife Warden may be obtained if there is any wildlife sanctuary or eco-sensitive zone exists within 10 km radius of the project.</p>	Not Applicable. No Ecologically sensitive area exists in 10 km periphery of the project site.
2.	<p>Condition No. II The Distillery Unit shall operate only for 240 days and shall not operate during rainy season. Permission from the Ministry may be obtained for any increase in the working days. The unit will not operate during rainy season</p>	Acknowledged. Industry has been granted EC from MoEF; Govt. of India, New Delhi for 50 KLD Molasses based Distillery unit along with 25 MW Co-generation Power Plant. The establishment of distillery unit has not been implemented on site although an EC was taken.
3.	<p>Condition No. III Revised Guidelines of 2006 issued by CPCB for Distilleries shall be followed. Wherever the limits are different, as stipulated here, the revised limits of CPCB will prevail.</p>	
4.	<p>Condition No. IV The industry shall ensure that the treated effluent and stack emissions from the unit are within the norms stipulated under the EPA rules or SPCB whichever is more stringent. In case of process disturbances/failure of pollution control equipment adopted by the unit, the respective unit shall be shut down and shall not be restarted until the control measures are rectified to achieve the desired efficiency.</p>	<ul style="list-style-type: none"> • The industry ensures that the treated effluent and stack emissions from the existing unit i.e. Sugar Factory & Co-gen Plant are within the norms stipulated under the EPA rules or SPCB whichever is more stringent. Same practice will be followed under establishment of distillery unit. Regular monitoring is being carried out as per the norms of MPCB. Monitoring reports of stack emissions & treated effluent are enclosed at Annexure - I. • In case of failure of pollution control equipment, the entire manufacturing process will get shutdown with

Sr. No	Environmental Clearance Conditions	Compliance towards the Conditions Stipulated
		immediate effect and shall not be restarted until the desired efficiency has been achieved.
5.	<p>Condition No. V For control of air emissions from 80 TPH and 110 TPH boilers, Electrostatic Precipitator of efficiency 99.998% would be installed to limit the particulate emissions within permissible limits. Boilers would be provided with stacks of 65 m and 71 m height for dispersion of particulates</p>	<p>Out of 80 TPH and 110 TPH Boilers, only, 110 TPH boiler is installed on site and to control air emission level, ESP (Electrostatic Precipitators) is used as APC equipment with stack height of 71 M. Photographs of APC equipment are enclosed at Annexure – II. Regular monitoring of Ambient Air for parameters namely PM₁₀, PM_{2.5}, SO₂ & NO_x is carried out through NABL approved laboratory. Records of monitoring reports are maintained on site. Monitoring reports are attached in Annexure – I. Moreover, Online Continuous Online Monitoring System for stack emission has already been installed for measurement of flue gas discharge & the pollutants concentration and the data is transmitted to the CPCB & MPCB server.</p>
6.	<p>Condition No. VI Noise levels will be limited within 60 - 65 dBA.</p>	<ul style="list-style-type: none"> • The overall noise levels in and around the plant area are maintained within the standards prescribed under Environment (Protection) Act, 1989 Rules. The noise levels are monitored through MoEFCC accredited lab and same are within limits as per prescribed standards. Monitoring reports are attached in Annexure – I. All ambient noise level (56.0 – 59.1 dBA) are well within MPCB limits i.e. 75 dB(A) for day time & 70 dB(A) for night time. Also, work zone noise levels are also well below the prescribed Factory Act limit i.e. 90 dB(A). • Workers working in noisy area are provided with personal protective Equipment (PPEs) such as ear plug, ear muffs etc. All preventive measures such as regular operation & maintenance of pumps, motors, and compressors is carried out and enclosures are provided to abate noise levels at source.
7.	<p>Condition No. VII The company shall adopt Semi Continuous Fermentation Technology. Spent wash generation and domestic effluent generation shall not exceed 445 CMD and 22.0 CMD respectively. For treatment of spent wash the unit shall adopt Bio-methanation followed by Bio- Composting. It will be</p>	<ul style="list-style-type: none"> • The establishment of distillery unit has not been implemented on site and hence there is no spent wash generation and its disposal practice done on site. • The domestic effluent generated from existing Sugar Factory, Cogeneration Plant & colony is 44 CMD and same is treated in Septic tank followed by Soak pit.

Sr. No	Environmental Clearance Conditions	Compliance towards the Conditions Stipulated
	<p>ensured that the spent wash generation shall not exceed 9 Kl/Kl of alcohol produced. Press mud requirement will be 35,600 MTA and will be available from their Sugar Unit of 3,500 TCD. Spent lees and other water discharges will be treated in the ETP. Requirement of Press mud will be 26900 MTA and compost produced will be 26000 MTA. 3600 MT of Boiler Ash and Bagacillo will be used for complete composting. There will be no discharge of wastewater from the distillery and zero discharge shall be strictly followed. Also separate Effluent treatment plant should be provided for the treatment of 326 m3/d effluent generating from 25 MW Power Plant. The capacity of Lagoon will be for 30 days storage as per CPCB Guidelines</p>	<ul style="list-style-type: none"> • The boiler ash generated as a solid waste in Sugar Factory & Co-gen Plant is sold to farmers as a manure. Agreement with farmers regarding same is attached at Annexure – III. • Pressmud generation from existing sugar factory is 27,000 MTA and same is sold to farmer as a manure. • Effluent generated from Sugar Factory & Co-gen Plant is treated in existing ETP having capacity of 500 CMD comprising of primary, secondary units. Treated effluent is forwarded to farmers for irrigation. Agreement with farmers is attached at Annexure – IV.
8.	<p>Condition No. VIII Land and other requirements for treatment of spent wash with press mud shall be as per the CPCB guidelines. The company shall earmark an area of 20 Acres for bio-composting, storage of finished products etc. The compost yard shall be ad impervious as per the CPCB guidelines.</p>	<p>The establishment of distillery unit has not been implemented on site and hence there is no spent wash generation and it's disposal practice done on site.</p>
9.	<p>Condition No. IX Water requirement shall not exceed 1170 KLD which will be met from the Tamraparni River. A copy of the water withdrawal permission shall be submitted to the Ministry</p>	<p>The industry has been granted permission for fresh water withdrawal from Tamraparni river by Kolhapur Irrigation Division (South); Govt. of Maharashtra. Withdrawal of water is within limit. A copy of Water withdrawal permission is attached in Annexure – V.</p>
10.	<p>Condition No. X The spent wash shall be stored in impervious pucca lagoons. The spent wash lagoons shall have proper lining with HDPE and shall be kept in proper condition to prevent groundwater pollution. Storage shall be as per the revised guidelines of CPCB</p>	<p>Not Applicable since the establishment of distillery unit has not been implemented on site and hence there is no spent wash generation and it's disposal practice done on site.</p>

Sr. No	Environmental Clearance Conditions	Compliance towards the Conditions Stipulated
11.	<p>Condition No. XI Adequate numbers of ground water quality monitoring stations shall be set up around the compost plant and the project area. These monitoring stations will be provided with piezometers. Sampling and trend analysis monitoring must be made on monthly a basis and report submitted to SPCB and this Ministry. The company shall carry out regular analysis of compost, leachate for BOD and pH.</p> <p>i. Fly ash generated from 25 MW power plant shall be utilized as per guidelines issued by Ministry of Environment & Forests.</p> <p>ii. 33 Ha of land area will be developed as green belt all around the plant and compost yard to mitigate the effects of fugitive emissions. The green belt will be as per the CPCB guidelines in consultation with the local DFO.</p> <p>iii. Company shall adopt rainwater-harvesting measures to recharge the ground water.</p> <p>iv. Occupational health surveillance programme shall be undertaken as regular exercise for all the employees. The first aid facilities in the occupational health center shall be strengthened and the medical records of each employee shall be maintained separately.</p>	<p></p> <p>The Fly ash generated from 110 TPH Boiler is sold to farmers as manure. Agreement with farmers is attached at Annexure – III.</p> <p>In EC letter the total plot area presented is 98 Ha. However, only industrial area is considered which comes 55 Ha. The remaining area is under natural vegetation & valley and this area will not be utilized for any industrial activity. Hence, Total Plot Area (TPA) is considered as 55 Ha which comprises of 4,960 TCD Sugar Factory, 25 MW Co-gen Plant and proposed distillery. Presently, Industry has developed green belt to the tune of 25.77 Ha which accounts 47% of TPA of 55 Ha; where under 29,564 Nos. of trees are planted in industrial premises. Photographs of GB is attached at Annexure – VI</p> <p>Company will adopt Rain Water Harvesting system under proposed project.</p> <p>Occupational health surveillance program is done once in a year and the record of the same are kept on site. The first aid facilities in the occupational health center is strengthened and regular medical test record of each employee is maintained separately. Latest health checkup was carried out on 14.10.2022. Reports are enclosed at Annexure - VII. The record of the same is maintained on site.</p>
B.	General Condition	
1.	<p>Condition No. I No further expansion or modifications in the plant shall be carried out without prior</p>	<p>The condition shall be strictly followed. No further expansion or modifications shall be done without prior approval by MoEF&CC.</p>

Sr. No	Environmental Clearance Conditions	Compliance towards the Conditions Stipulated
	approval of the Ministry of Environment and Forests	
2.	<p>Condition No. II Ambient Air Quality Monitoring Stations shall be set up in consultation with the State Pollution Control Board in the down wind direction as well as where maximum ground level concentration of SPM, SO₂, NO_x and RSPM are anticipated. RSPM will also be monitored regularly.</p>	<p>Regular monitoring of Ambient Air for parameters namely PM₁₀, PM_{2.5}, SO₂ & NO_x is carried out on through NABL approved laboratory. The monitoring is carried out within premises. Monitoring reports are enclosed at Annexure – I.</p>
3.	<p>Condition No. III 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 should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).</p>	<ul style="list-style-type: none"> • The overall noise levels in and around the plant area are maintained within the standards prescribed under Environment (Protection) Act, 1989 Rules. The noise levels are monitored through NABL accredited lab and same are within limits as per prescribed standards Monitoring reports are attached in Annexure – I. All ambient noise level (56.0 – 59.1 dBA) are well within MPCB limits i.e. 75 dB(A) for day time & 70 dB(A) for night time. Also, work zone noise levels are also well below the prescribed Factory Act limit i.e. 90 dB(A). • Workers working in noisy area are provided with personal protective Equipments such as ear plug, ear muffs etc. All preventive measures such as regular operation & maintenance of pumps, motors, and compressors is carried out and enclosures are provided to abate noise levels at source.

Sr. No	Environmental Clearance Conditions	Compliance towards the Conditions Stipulated
4.	<p>Condition No. IV The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA /EMP report.</p>	<p>The Company is complying with all the environmental protection measures and safeguards and implement all the recommendations made in EIA/EMP. Environmental Protection Measures are as follows –</p> <ul style="list-style-type: none"> • Industry has provided ETP of capacity 500 CMD to treat industrial effluent from Sugar Factory & Co-gen Plant. And treated effluent is used for irrigation purpose. • To control air emissions from bagasse fired boiler of capacity 110 TPH; ESP (Electrostatic Precipitators) is used as APC equipment followed by stack of 71 M. • All preventive measures such as regular operation & maintenance of pumps, motors, and compressors are carried out regularly and enclosures are provided to abate noise levels at source. • Fly ash, ETP sludge and Metal, Wood & Paper scrap is generated as solid waste in existing Sugar Factory & Co-gen Plant. Fly ash & ETP Sludge is sold to farmers as manure. Metal, Wood & Paper scrap is used for sale/recycle / reuse. • In the Sugar Factory, the Used / Spent oil generated as HW is sold to authorized recycler. • The existing Greenbelt area is 25.77 Ha which is 47% of the total plot area of 55 Ha. • As per RO Sir's Suggestions during the Visit PP Will plant suitable fruit-bearing trees as well as suitable bird-nesting trees for attract avian diversity in and around the project area, also PP will prepare the green infrastructure for the conservation of butterfly fauna in and around the project area • Upcoming Manson Season PP will start the plantation as per suggestion in phase wise manner & status will be provided in Six Monthly Submission.
5.	<p>Condition No. V A separate environmental management cell equipped with full-fledged laboratory facilities must be set up to carry out the environmental management and monitoring functions.</p>	<p>A separate cell of 14 well-qualified & and technical personals has been by industry as well a full-fledged laboratory facility has been set up in the industry. Details of EMC are attached at Annexure – VIII.</p>
6.	<p>Condition No. VI</p>	

Sr. No	Environmental Clearance Conditions	Compliance towards the Conditions Stipulated
	<p>The project authorities shall provide funds of Rs. 12.315 Crores as capital cost for the environment protection measures. Separate funds for recurring expenditure to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government shall be kept. Also, the implementation schedule for all the conditions stipulated herein shall be submitted. The funds so provided shall not be diverted for any other purpose.</p>	<p>Acknowledged. The industry has provided funds of Rs. 10.05 Crores as capital cost for the environment protection measures. Also, in financial year 2021-22 & 2022-23, Rs. 125.66 Lakh & 103.82 Lakhs respectively spent on O & M under EMP. Detailed O & M funds for financial year 2022 & 2023 is attached at Annexure – IX.</p>
7.	<p>Condition No. VII The implementation of the project vis-a-vis environmental action plans will be monitored by the concerned Regional Office of the Ministry /State Pollution Control Board/Central Pollution Control Board. A six monthly compliance status report along with the monitored data shall be submitted to the monitoring agencies and shall be posted on the Website of the Proponent</p>	<p>For period October 2022 – March 2023, six monthly compliance report is submitted on 06.07.2023. Acknowledgments of six monthly compliance is enclosed at Annexure - X. Henceforth, Industry hereby assure that reports will be submitted regularly to Ministry office. Screenshot of Website is attached in Annexure – XI. Website - https://www.olamagri.com/</p>
8.	<p>Condition No. VIII 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 State Pollution Control Board/ Committee and may also be seen at Website of the Ministry of Environment and Forests at http://envfor.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 Regional office</p>	<p>Industry had already made advertisement regarding granted EC in 2007. Advertisement in local newspapers was one of the documents lost by industry at the time of hand over. Now, Industry re-published newspaper advertisement regarding grant of EC in two local newspapers (Dainik Sakal, Kolhapur Ed. on 24.05.2023 & Times of India, Kolhapur Ed. on 25.05.2023). Copies of Newspaper advertisements are enclosed at Annexure – XII.</p>
9.	<p>Condition No. IX The Project Authorities shall inform the Ministry and its concerned Regional Office about date of financial closure and final approval of the project by the concerned authorities and the date of start of land development work</p>	<p>Date of financial closure in connection with the Industrial Project is 31st March.</p>