



Government of India
Ministry of Environment, Forest and Climate Change
(Impact Assessment Division)

To,

The I/C MD
NIRA BHIMA SAHAKARI SAKHAR KARKHANA LTD
At. Shahajinagar, Po. Redni, Tal. Indapur, Dist. Pune,,Pune,Maharashtra-
413114

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the Ministry vide proposal number IA/MH/IND2/413481/2023 dated 25 Jan 2023. The particulars of the environmental clearance granted to the project are as below.

- EC Identification No.** EC23A004MH133793
- File No.** J-11011/197/2008-IA-II(I)
- Project Type** Expansion
- Category** A
- Project/Activity including Schedule No.** 1(d) Thermal Power Plants
- Name of Project** Expansion of Molasses based Distillery (30 to 300 KLPD) using C / B Heavy Molasses/ Cane Syrup for Ethanol Production along with Enhancement in Cane crushing (3,500 to 7,500 TCD) & Capacity of Cogeneration Plant (18 MW to 24 MW) by Nira Bhima Sahakari Sakhar Karkhana Ltd. (NBSSKL); Shahajinagar, Po: Redni, Tal.: Indapur, Dist.: Pune, Maharashtra State
- Name of Company/Organization** NIRA BHIMA SAHAKARI SAKHAR KARKHANA LTD
- Location of Project** Maharashtra
- TOR Date** N/A

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 19/09/2023

(e-signed)
A N Singh
Scientist E
IA - (Industrial Projects - 2 sector)

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH. Please quote identification number in all future correspondence.

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This has reference to your online proposal no. IA/MH/IND2/413481/2023, dated 25th January, 2023 for environmental clearance to the above-mentioned project.

2. The Ministry of Environment, Forest and Climate Change has examined the proposal seeking environmental clearance for expansion of the Distillery unit from 30 to 300 KLPD using C / B Heavy Molasses/ Cane Syrup for Ethanol Production along with 6 MW bagasse based Captive Power Generation, Sugar Mill from 3,500 to 7,500 TCD located at Shahajinagar, PO: Redni, Taluka: Indapur, District.: Pune, Maharashtra State by M/s.Nira Bhima Sahakari Sakhar Karkhana Ltd. (NBSSKL).

3. As per the EIA Notification 2006 (Schedule 5 (g) Category A); however as per in the MoEFCC Notification S.O. 345 (E) dated the 17th January, 2019, notification number S.O. 750 (E) dated the 17th February, 2020, S.O. 980 (E) dated 02nd March, 2021 & S. No. 2339 (E) dated 16th June, 2021, a special provision in the EIA Notification, 2006 "Expansion of sugar manufacturing units or distilleries for production of ethanol, having Prior Environment Clearance (EC) for existing unit, to be used completely for Ethanol Blended Petrol (EBP) Programme only, as per self-certification in form of an affidavit by the Project Proponent, shall be appraised as category 'B2' projects.

4. The details of products and capacity as under:

N o.	Name of unit	Name of the product/by product	Existing Production capacity	Additional production capacity	Total production capacity
1	Distillery	Ethanol	30 KLPD (C Heavy Molasses based)	270 KLPD (C/B-Heavy Molasses / Sugar Syrup)	300KLPD (C/B-Heavy Molasses / Sugar Syrup)
		RS / ENA	30 KLPD (C-Molasses based)	---	30 KLPD (C-Molasses based)
2	Co-generation power plant for Distillery	Power	--	6 MW	6 MW
	Co-generation power plant for sugar mill	Power	18 MW	-	18 MW
3	Sugar mill	Sugarcane juice / syrup	3,500 TCD	4,000 TCD	7,500 TCD

4	Fermentation unit	Carbon dioxide	23 TPD	202 TPD	225 TPD
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Note: Manufacturing capacity of Distillery shall not exceed 300 KLPD at any point of time.

5. Ministry has issued Environmental Clearance for Establishment of 30 KLPD Molasses based Distillery vide File No. F. No. J-11011/197/2008-IAII (I) dated 17.03.2009 & SEIAA has issued EC for establishment of 18 MW bagasse based Co-generation Power Plant vide File No. SEAC-2012/CR-177/TC2 dated 21.01.2014. Certified Compliance report of existing ECs have been obtained from Integrated Regional Office, MoEFCC, Nagpur vide File No-5-169/2009 (ENV)/10885 dated 06.01.2023. Action Taken report has been submitted to IRO, MoEFCC vide letter dated 16.01.2023 for 2 partial compliance and 1 non-compliance. EAC found the information satisfactory.

6. Standard ToR and Public Hearing is not applicable as the project falls under category B2 as per OM dated 16th June, 2021. It was informed that there is no litigation is pending against the project.

7. Total plant area after expansion will be 43.52 Ha which is under possession of the company and converted to industrial use. No additional land will be acquired for the expansion project as the same will be done within existing plant premises. Out of the total plant area, 14.60 Ha. i.e. 33% of total plant area is to be under green belt 12.60 Ha. i.e. 29% of the total plant area has already been developed as green belt and 2.00 Ha i.e. 4% of total plant area will be developed under greenbelt & plantation in and around plant premises. The estimated project cost for expansion is Rs 290 Crore. The capital cost and recurring costs of EMP for the proposed expansion would amount to Rs. 52.55 Crore and Rs. 4.17 Crore per annum, respectively. Industry proposes to allocate Rs. 3.54 Crores towards extended EMP (Corporate Environment Responsibility). Total Employment after expansion will be 1053 persons as direct & indirect.

8. There are no national parks, wildlife sanctuaries, ESZ, Biosphere Reserves, Tiger/Elephant Reserves, Wildlife Corridors, Reserve Forests/Protected Forests etc. within 10 km distance. Bhima River is flowing at 8 Km from North to South direction. Nira River is flowing at 5.5 Km from west to East direction. The NOC for Left Nira Canal has been issued by Executive Engineer; Pune vide letter No. PID/PB-6/33/2022 dated 30.09.2022 with certain conditions. EAC suggested that Industry shall abide by all the conditions in the NOC issued. Further, it was also suggested that Greenbelt shall be developed along the canal passing through north and western side of the Industry within the plant premises. PP has informed that greenbelt of 07 – 10 m width shall be developed along the canal. PP has also informed that canal area is not included in the total plot area.

9. AAQ modelling study for point source emissions indicates that the maximum incremental GLCs after the proposed project would be 0.667 $\mu\text{g}/\text{M}^3$, 0.167 $\mu\text{g}/\text{M}^3$, 3.75 $\mu\text{g}/\text{M}^3$ and 0.209 $\mu\text{g}/\text{M}^3$ with respect to PM_{10} , $\text{PM}_{2.5}$, SO_2 and NO_x . The resultant concentrations are within the National Ambient Air Quality Standards (NAAQS).

10. Total fresh water requirement after expansion will be 1124 M^3 /day (Sugar Mill 10 M^3 /day and Distillery 1114 M^3 /day) which will be met from Bhima River. The committee suggested that the treated effluent from the sugar unit shall be used in distillery to reduce fresh water requirement. NOC has been obtained from Irrigation Dept.; Maharashtra vide letter no. AY101482 dated 01.11.2021. Existing effluent generation is 268 M^3 /day from sugar mill treated in full-fledged ETP and 59 M^3 /day from distillery which is treated existing ETP under Sugar Factory. Proposed total effluent generation from sugar factory after expansion will be 472 M^3 /day which will be treated in the existing ETP (capacity 700 M^3 /day) and that from the distillery will be 2565 M^3 /day which will be treated through proposed CPU (Capacity – 3000 M^3 /day). PP informed that they will install efficient CPU for the sugar unit to recycle the treated effluent to be used in distillery unit. In molasses based & Sugarcane Syrup operation, spent wash generated (Molasses – 2400 CMD & Cane Juice – 1200 CMD) from the analyser column during distillation will be concentrated in Multi Effect Evaporator and concentrated spent wash will be incinerated in incineration boiler. Domestic waste water will be treated in existing STP (Capacity of STP in 30 KLD). The plant is being based on Zero Liquid discharge system and treated effluent/water is not to be discharged outside the factory premises.

11. Total power requirement of distillery & sugar mill after expansion will be 19.2 MW which will be sourced from the existing 18 MW Co-generation power plant & 6 MW Captive Power generation. Existing sugar mill has 66 TPH & 40 TPH bagasse fired boilers. Proposed 30 TPH bagasse fired boiler & 70 TPH Incineration boiler will be installed under Sugar Factory & Distillery respectively. APCE as ESP & Wet Scrubber with a stack of height of 75 M & 60 M are installed with the existing 66 TPH & 40 TPH boilers respectively for controlling the particulate emissions within the statutory limit of 50 mg/Nm^3 . PP confirmed that wet scrubber provided to existing 40 TPH Sugar Factory Boiler will be replaced by ESP as APC by September, 2024.

12. APCE as 2 separate ESPs with a stack height of 70 M & 100 M will be installed to proposed 30 TPH (Bagasse based) & 70 TPH (Incineration Boiler) for controlling the particulate emissions within the statutory limit of 50 mg/Nm^3 & 30 mg/Nm^3 respectively for the proposed boilers. Industry has already 500 KVA DG set which is used as standby during power failure and stack height (14 m AGL) is be provided as per CPCB norms to the DG sets.

13. Details of Process emissions generation and its management:

- APCE as ESP & Wet scrubber with a stack height of 75 M & 60 M is installed with the existing 66 TPH & 40 TPH boilers for controlling the particulate emissions within the statutory limit of 50 mg/Nm³. APCE as two separate ESPs with a stack of height of 70 M & 100 M will be installed to proposed 30 TPH & 70 TPH boilers for controlling the particulate emissions within the statutory limit of 50 mg/Nm³ & 30 mg/Nm³ for the proposed boiler respectively.
- Online Continuous Emission Monitoring System is installed with the stack and data transmitted to CPCB/SPCB servers.
- CO₂ (225 TPD) generated during the fermentation process will be collected by utilizing CO₂ scrubbers and /collected in installed bottling plant.

14. Details of solid waste/Hazardous waste generation and its management:

- Concentrated spent wash (480 M³/day) will be burnt in incineration boiler.
- Boiler ash (138 TPD) from incineration boiler after expansion will be used for Potash Recovery / Sold to Brick Manufacturer. Also, bagasse ash from sugar factory boilers after expansion (33 TPD) will be for Manure / Sold to Brick Manufacturer.
- Used oil (428 Kg/Month) will be sold to authorized recycler.
- CPU sludge (2.46 MT/D) and STP Sludge (0.03 MT/D) will be Used as manure
- Press mud (300 MT/D) will be sold as manure.
- Bagasse (2,138 MT/D) will be used as fuel in sugar mill.
- Molasses (140 MT/D) will be used as raw material in distillery.

15. As per Notification S.O 2339(E), dated 16th June, 2021, PP has submitted self- certification in the form of notarized affidavit declaring that the proposed expansion capacity of 270 KLPD & 4000 TCD will be used for manufacturing fuel ethanol only.

16. The proposal was considered in EAC (Ind-2) in its Meetings ID: IA/IND2/13444/13/02/2023 held on 13th February, 2023 & Meeting ID: IA/IND2/13544/17/08/2023 held on 17th August, 2023 wherein the project proponent and their accredited environmental Consultant namely M/s. Equinox Environments (I) Pvt. Ltd. (NABET Certificate no. : NABET/EIA/2124/SA 0177 and validity 10.10.2024) made a detailed presentation on the salient features of the project.

17. The EAC, constituted under the provision of the EIA Notification, 2006 and comprising of Experts Members/domain experts in various fields, have examined the proposal submitted by the Project Proponent in desired form along with the EMP report prepared and submitted by the Consultant accredited by the QCI/ NABET on behalf of the Project Proponent. The EAC noted that the Project Proponent has given undertaking that the data and information given in the

application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the report. If any part of data/information submitted is found to be false/ misleading at any stage, the project will be rejected and Environmental Clearance given, if any, will be revoked at the risk and cost of the project proponent.

18. The Committee noted that the EMP report is in compliance of the PFR. The Committee deliberated on the CER plan and found to be addressing the issues in the study area. The EAC has deliberated the proposal and has made due diligence in the process as notified under the provisions of the EIA Notification, 2006, as amended from time to time and accordingly made the recommendations to the proposal. The Experts Members of the EAC have found the proposal in order and have **recommended** for grant of environmental clearance.

19. The environmental clearance granted to the project/activity is strictly under the provisions of the EIA Notification 2006 and its amendments. It does not tantamount/construe to approvals/consent/ permissions etc. required to be obtained or standards/conditions to be followed under any other Acts/ Rules/ Subordinate legislations, etc., as may be applicable to the project. The project proponent shall obtain necessary permission as mandated under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, as applicable from time to time, from the State Pollution Control Board, prior to construction & operation of the project.

20. Based on the proposal submitted by the project proponent and recommendations of the EAC (Industry-2), Ministry of Environment, Forest and Climate Change hereby accords environmental clearance for **proposed expansion of existing Molasses based Distillery unit from 30 to 300 KLPD using C / B Heavy Molasses/ Cane Syrup for Ethanol Production along with 6 MW Captive Power Generation, Sugar Mill from 3,500 to 7,500 TCD located At: Shahajinagar, PO: Redni, Tal.: Indapur, Dist.: Pune, Maharashtra State by M/s.Nira Bhima Sahakari Sakhar Karkhana Ltd. (NBSSKL)**, under the provisions of the EIA Notification, 2006, and the amendments therein, subject to compliance of the terms and conditions as under:-

A. Specific Condition:

- (i). As per the Notification S.O. 2339(E), dated 16th June, 2021, project falls in category B2 and the proposed expansion capacity of 270 KLPD & 4000 TCD shall only be used for fuel ethanol manufacturing as per self-certification in form of a notarized affidavit by the Project Proponent. Provided that subsequently if it is found that the ethanol, produced based on the EC granted as per this dispensation, is not being used completely for EBP Programme, or if ethanol is not being produced, or if the said distillery is not fulfilling the requirements based on which the project has been appraised as category B2 project, the EC shall stand cancelled.

- (ii). 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, and risk mitigation measures relating to the project shall be implemented(Annexure -I).
- (iii). EC granted for a project on the basis of the submitted documents shall become invalid in case the actual land for the project site turns out to be different from the land considered at the time of appraisal of project. Conversion of land use (CLU) certificate shall be obtained before start of construction activities.
- (iv). The industry shall adhere to the conditions stipulated in NOC letter No. PID/PB-6/33/2022 dated 30.09.2022, issued by the Executive Engineer, Pune, for the Left Nira Canal.
- (v). NOC from the Concerned Local authority shall be obtained before start of the construction of plant and drawing from the Bhima River for the project activities, State Pollution Control Board / Pollution Control Committees shall not issue the Consent to Operate (CTO) under Air (Prevention and Control of Pollution) Act and Water (Prevention and Control of Pollution) Act till the project proponent shall obtain such permission. No ground water shall be used for the plant operations.
- (vi). Total fresh water requirement after expansion shall not exceed 1124 m³/day, which will be met from Bhima River. Treated effluent from the sugar unit shall be used in distillery to reduce fresh water requirement. No ground water recharge shall be permitted within the premises. Industry shall construct a rain water storage pond of 60 days capacity and the accumulated water to be used as fresh water thereby reducing fresh water consumption.
- (vii). Spent wash shall be concentrated in Multi Effect Evaporator and concentrated spent wash shall be incinerated in incineration boiler.The MEE & Drier condensate, spent lees, WTP Rejects, Boiler & Cooling tower blowdowns, washings etc., is shall be treated in the 'Condensate Polishing Unit' (CPU). Efficient CPU shall be installed for the sugar unit to recycle the treated effluent to be used in distillery unit. STP of 30 KLD capacity shall be installed to treat domestic wastewater. The plant will be based on 'Zero Liquid Discharge' system and no effluent/treated water will be discharged outside factory premises. Spentwash treatment through bio- composting process for existing 30 KLPD Distillery shall be discontinued by 2025. No bio composting shall be done for the expansion unit.
- (viii). Adequate numbers of ground water quality monitoring stations by providing piezometers around the project area shall be set up. Sampling and trend

analysis monitoring must be conducted on monthly basis and report submitted to SPCB and RO, MOEFCC. The ground water quality monitoring for pH, BOD, COD, Chloride, Sulphate and Total Dissolve Solids shall be monitored and report submitted to the Ministry's Regional Office.

- (ix). Separate ESPs as APCE with a stack height of 70 M & 100 M respectively shall be installed with the proposed 30 TPH (Bagasse based) & 70 TPH (Incineration Boiler) for controlling the particulate emissions within the statutory limit of 50 mg/Nm³ & 30 mg/Nm³ respectively. Wet scrubber provided with the existing 40 TPH Sugar Factory Boiler shall be replaced by ESP (99.9% efficiency) by September, 2024. The SO₂ and NO_x emissions from the 70 TPH (Incineration Boiler) shall be maintained within the statutory limit of 100 mg/Nm³. At no time, the emission levels shall exceed the prescribed standards. In the event of failure of any pollution control system adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency. Performance assessment of pollution control devices/ systems will be conducted annually.
- (x). Boiler ash (138 TPD) from incineration boiler after expansion will be used for potash recovery / Sold to Brick Manufacturer. Also, bagasse ash from sugar factory boilers after expansion (33 TPD) will be for manure / Sold to Brick Manufacturer. PP shall use bagasse along with 15 % coal as auxiliary fuel for the proposed incineration boiler. PP shall use bagasse fuel for the existing cogeneration boiler. PP shall meet 10% of the total power requirement from solar power by generating power inside plant premises/adjacent/nearby areas.
- (xi). CO₂ (225 TPD) generated during the fermentation process will be collected by utilizing CO₂ scrubbers and /collected in installed bottling plant.
- (xii). PP shall allocate at least Rs. 1.00 Crore/annum for Occupational Health Safety. Occupational Health Centre for surveillance of the worker's health shall be set up. The health data shall be used in deploying the duties of the workers. All workers & employees shall be provided with required safety kits/mask for personal protection.
- (xiii). Training shall be imparted to all employees on safety and health aspects of chemicals handling. Safety and visual reality training shall be provided to employees.
- (xiv). 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. PESO certificate shall be obtained.
- (xv). Process organic residue and spent carbon, if any, shall be sent to Cement and other suitable industries for its incinerations. ETP sludge, process inorganic & evaporation salt shall be disposed of to the TSDF.

- (xvi). The company shall undertake waste minimization measures as below (a) Metering and control of quantities of active ingredients to minimize waste; (b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. (c) Use of automated filling to minimize spillage. (d) Use of Close Feed system into batch reactors. (e) Venting equipment through vapour recovery system. (f) Use of high pressure hoses for equipment clearing to reduce wastewater generation.
- (xvii). The green belt of at least 5-10 m width shall developed in 14.60 hectares i.e., 33 % of total project area by October, 2024 which shall be maintained with tree density @ 2500 trees per hectares, mainly along the plant periphery. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department, native species shall be developed and saplings 4-6 feet high shall only be planted. Records of tree canopy shall be monitored through remote sensing map. Additional green belt shall be developed along both sides of the canal passing through north and western side of the Industry within their plant premises.
- (xviii). PP proposed to allocate Rs. 3.54 Crores towards Extended EMP (CER) which shall be spent as submitted in CER plan for monitorable activities like up-gradation of schools with provision of facilities e.g. Class rooms, playground, Laboratory, Library, Computer class, toilets, potable drinking water facilities, solar light/solar power support for uninterrupted power supply, soil nutrient management etc. Further, all the proposed activities under CER (Annexure -II) shall be completed before the commissioning of the plant in consultation with District Administration.
- (xix). 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. Out of the total project area, 15% shall be allotted solely for parking purposes with facilities like rest rooms etc.
- (xx). Storage of raw materials shall be either in silos or in covered areas to prevent dust pollution and other fugitive emissions. All stockpiles should be constructed over impervious soil and garland drains with catch pits to trap runoff material shall be provided. Biomass shall be stored in covered sheds and wind breaking walls/curtains shall be provided around biomass storage area to prevent its suspension during high wind speed. All Internal roads shall be paved. Industrial vacuum cleaner shall be provided to sweep the internal roads. The Air Pollution Control System shall be interlocked with process plant/machinery for shutdown in case of operational failure of Air Pollution Control Equipment.

- (xxi). Continuous online (24x7) monitoring system for stack emissions/effluent 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.
- (xxii). A separate Environmental Management Cell (having qualified person with Environmental Science/Environmental Engineering/specialization in the project area) equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions. EMC head shall report directly to Head of Organization/ Director/CEO as per company hierarchy.
- (xxiii). PP shall sensitize and create awareness among the people working within the project area as well as its surrounding area on the ban of Single Use Plastic in order to ensure the compliance of Notification published by MOEFCC on 12th August, 2021. A report along with photographs on the measures taken shall also be included in the six-monthly compliance report being submitted to concerned authority.

B. General Condition:

- (i) No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. 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/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- (ii) The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.
- (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 shall conform to the standards prescribed under the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
- (iv) The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CER activities shall be undertaken by involving local villages and administration and shall be implemented. The company shall undertake eco-developmental measures

including community welfare measures in the project area for the overall improvement of the environment.

- (v) 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.
- (vi) A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.
- (vii) 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.
- (viii) The environmental statement for each financial year ending 31st 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.
- (ix) 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 and at <https://parivesh.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.
- (x) The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.
- (xi) This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.

21. 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.

22. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

23. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

24. 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 Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 read with subsequent amendments therein.

25. This issues with the approval of the competent authority.

(A. N. Singh)
Scientist-'E'

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, Pune District, Maharashtra
7. Guard File/Monitoring File/Parivesh portal/Record File

(A. N. Singh)
Scientist-'E'

ANNEXURE-I**Details of capital and recurring cost of EMP:**

No.	Description	Cost (Rs. Lakhs)	
		Capital	O & M/Yr
A	Existing		
1	APC ESP & Wet scrubber, Stacks (2 Nos.; 75 & 60 M) & OCMS	930	90
2	WPC : Sugar Factory ETP OCMS, Bio-compost Yard, Machine, Sp. wash Tank & OCMS etc.	2200	220
3	Noise: Insulation, Isolation, Attenuation Infrastructure, PPEs	100	10
4	OHS Centre (Medical Check-up of employees, PPEs)	75	20
5	Environmental Monitoring & Management	50	20
6	Green Belt Development & Rain water Harvesting Plan	350	35
	(15% of Capital Investment of Rs. 255.01 Cr) Total	Rs. 3705	Rs. 395
B	Sugar Factory & Distillery Expansion		
1	APC Equipment: 3 ESPs & Stacks (100 & 70 M) & OCMS	2000	150
2	WPC: Proposed 2 CPUs, RO for ETP, MEE, Spent wash Storage Tank and OCMS.	2500	200
3	Noise:Insulation, Isolation, Attenuation Infrastructure & PPEs	75	15
4	Environmental Monitoring & Management	75	25
5	Occupational Health & Safety	100	10
6	Green Belt Development	35	5
7	Rainwater Harvesting Infrastructure	200	5
8	Bagasse Storage yard covering infrastructure	120	2
9	Internal roads strengthening & surfacing	150	5
	(18 % of Capital Investment of Rs. 290 Cr) Total	Rs. 5,255	Rs.417
	Grand Total	Rs.8960	Rs. 812

ANNEXURE-II**Details of CER with proposed activities and budgetary allocation:**

No	CER Activity Details	Amount
1	Non- Conventional Energy Promotions (5 Villages; Lakhewadi, Bhodani, Reda, Vakilwasti, Redani): Provision of Solar Street Lights with Gadget – 1 MS Pole, 18-20 W LED Lamp, Battery, Solar Panel, Wiring etc. 5 Villages X 35 Nos./Village = Total 180 Solar Street Lights X Rs.30,000/- per No. = Rs. 54 Lakhs	Rs. 54
2	Solar Photovoltaic Electricity Generation System : (5 Villages; Kati, Jadhavwadi, Reda, Redani, Chakati) :400 KW @ Rs.40,000 per KW to be installed at Grampanchayat, School Bldg. & PHC Bldg. Cost: 400 KW x Rs. 50,000/- = Rs. 200 Lakhs	Rs. 200

3	Drinking Water Supply Infrastructure (10 Villages: Lakhewadi, Shetaphal Havel, Surwad, Reda, Redani, Survad, bawada, Chakati, Jadhavawadi & Sarafwadi): Safe Drinking Water Units with Filtration, RO Module & Storage Tank - 40 Units X Rs.2.5 Lakhs = Rs.100 Lakhs	Rs. 100
	(1.2 % of Capital Investment 290 Cr.) Total Amount	Rs. 354 Lakhs

Signature Not Verified
Digitally signed by A N Singh
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