



## STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department,  
Room No. 217, 2nd floor,  
Mantralaya, Annexe,  
Mumbai- 400 032.  
Date: July 8, 2021

To,  
**M/s. Loknete Marutrao Ghule Patil Dnyaneshwar Shakari Sakhar Karkhana Ltd. (LMGP-DSSKL)**  
at Survey NO 320 & 334

**Subject:** Environment Clearance for Proposed Expansion of Sugar plant from 7000TCD to 9000TCD at Viilage Bhende Bk, Newasa, Ahemdngar, Maharashtra

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee-I, Maharashtra in its 189th - Day-3th meeting and recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 220th meetings.

2. It is noted that the proposal is considered by SEAC-I under screening category 5 (j) -B, 1(d)- as per EIA Notification 2006.

**Brief Information of the project submitted by you is as below :-**

1.Name of Project	Proposed Expansion of Sugar plant from 7000TCD to 9000TCD at Viilage Bhende Bk,Tal; Newasa, Ahemdngar, Maharashtra by M/s. Loknete Marutrao Ghule Patil Dnyaneshwar Shakari Sakhar Karkhana Ltd. (LMGP-DSSKL)
2.Type of institution	TOR
3.Name of Project Proponent	M/s. Loknete Marutrao Ghule Patil Dnyaneshwar Shakari Sakhar Karkhana Ltd. (LMGP-DSSKL)
4.Name of Consultant	Ultra- Tech Environment consultancy and Lab (Lab. MoEF gazetted).
5.Type of project	Industry
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes
8.Location of the project	Survey NO 320 & 334
9.Taluka	Newasa
10.Village	Bhende (Bk)
Correspondence Name:	Post Bhende Bk, Taluka Newasa, District Ahmednagar
Room Number:	NA
Floor:	NA
Building Name:	NA
Road/Street Name:	NA
Locality:	NA
City:	Ahmednagar
11.Whether in Corporation / Municipal / other area	Grampanchayat Bhende (Bk)

**SEIAA Meeting No: 220 Meeting Date: May 14, 2021 ( SEIAA-STATEMENT-000000766 )**  
**SEIAA-MINUTES-0000003379**  
**SEIAA-EC-0000002355**

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**Manisha Patankar Mhaiskar (Member Secretary SEIAA)**

12.IOD/IOA/Concession/Plan Approval Number	Grampanchayat Bhende (Bk)
	IOD/IOA/Concession/Plan Approval Number: NA
	Approved Built-up Area: 18000
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	1320000
16.Deductions	Not Applicable
17.Net Plot area	1320000
18 (a).Proposed Built-up Area (FSI & Non-FSI)	FSI area (sq. m.): 18000
	Non FSI area (sq. m.): Not applicable
	Total BUA area (sq. m.): 18000
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.):
	Approved Non FSI area (sq. m.):
	Date of Approval: 01-01-1900
19.Total ground coverage (m2)	Not applicable
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	0
21.Estimated cost of the project	15000000



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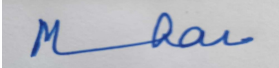


## 22. Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Sugar	25200 MT/Month	7200 MT/Month	32400MT/Month
2	Co-gen Power	31.5MW/Hr	0	0

## 23. Total Water Requirement

<b>Dry season:</b>	<b>Source of water</b>	Mula Dam Right Cannal
	<b>Fresh water (CMD):</b>	900
	<b>Recycled water - Flushing (CMD):</b>	4590
	<b>Recycled water - Gardening (CMD):</b>	850
	<b>Swimming pool make up (Cum):</b>	Not applicable
	<b>Total Water Requirement (CMD) :</b>	5490
	<b>Fire fighting - Underground water tank(CMD):</b>	Not applicable
	<b>Fire fighting - Overhead water tank(CMD):</b>	Not applicable
	<b>Excess treated water</b>	Not applicable
<b>Wet season:</b>	<b>Source of water</b>	Mula Dam Right Cannal
	<b>Fresh water (CMD):</b>	15
	<b>Recycled water - Flushing (CMD):</b>	0
	<b>Recycled water - Gardening (CMD):</b>	10
	<b>Swimming pool make up (Cum):</b>	Not applicable
	<b>Total Water Requirement (CMD) :</b>	25
	<b>Fire fighting - Underground water tank(CMD):</b>	Not applicable
	<b>Fire fighting - Overhead water tank(CMD):</b>	Not applicable
	<b>Excess treated water</b>	Not applicable
<b>Details of Swimming pool (If any)</b>	Not applicable	



## 24.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Industrial Process	665	185	850	0	1083	3789	0	0	0
Fresh water requirement	35	15	50	0	0	0	35	15	50
Gardening	761	89	850	761	89	850	0	0	0
Industrial Process	4550	940	5490	3789	851	4640	761	89	850

<b>25.Rain Water Harvesting (RWH)</b>	Level of the Ground water table:	4 to 5 m
	Size and no of RWH tank(s) and Quantity:	Not applicable
	Location of the RWH tank(s):	Not applicable
	Quantity of recharge pits:	10 Recharge Pit
	Size of recharge pits :	Not applicable
	Budgetary allocation (Capital cost) :	20 lakh
	Budgetary allocation (O & M cost) :	5 Lakh
	Details of UGT tanks if any :	Not applicable

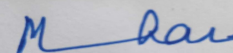
<b>26.Storm water drainage</b>	Natural water drainage pattern:	Storm water drain
	Quantity of storm water:	Not applicable
	Size of SWD:	Not applicable

<b>27.Sewage and Waste water</b>	Sewage generation in KLD:	60
	STP technology:	MBBR
	Capacity of STP (CMD):	1 no. 70KL
	Location & area of the STP:	near colony
	Budgetary allocation (Capital cost):	5 lacs
	Budgetary allocation (O & M cost):	1.0Lacs

## 28.Solid waste Management

<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	Negligible
	<b>Disposal of the construction waste debris:</b>	Not Applicable
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	Baggage : 4,32,000 MT/A
	<b>Wet waste:</b>	Press mud : 61200 MT/A
	<b>Hazardous waste:</b>	0.30 MT/Month Reused in own boiler as fuel
	<b>Biomedical waste (If applicable):</b>	Not Applicable
	<b>STP Sludge (Dry sludge):</b>	200 kg/day Used as manure
	<b>Others if any:</b>	Not applicable
<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Baggage will be used for boiler as fuel
	<b>Wet waste:</b>	Press mud sent for composting
	<b>Hazardous waste:</b>	Reused in own boiler as fuel
	<b>Biomedical waste (If applicable):</b>	Not applicable
	<b>STP Sludge (Dry sludge):</b>	Use as manure
	<b>Others if any:</b>	Not any
<b>Area requirement:</b>	<b>Location(s):</b>	south of layout
	<b>Area for the storage of waste &amp; other material:</b>	20m <sup>2</sup>
	<b>Area for machinery:</b>	Not any
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	5lacs
	<b>O &amp; M cost:</b>	1 lacs

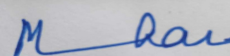
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## 29. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	Not Applicable	3.5-4.5	6-7	5.5-8.5
2	BOD	Mg/lit	719	89	100
3	COD	Mg/lit	1682	238	250
4	TSS	Mg/lit	126	84	100
5	Oil & grease	Mg/lit	6	<2	10
Amount of effluent generation (CMD):		850 m <sup>3</sup>			
Capacity of the ETP:		1500 KL			
Amount of treated effluent recycled :		NA			
Amount of water send to the CETP:		Nil			
Membership of CETP (if require):		Nil			
Note on ETP technology to be used		This is sober water except temperature, comes from cooling-purging and boiler blow-down. A detention tank with suitable holding capacity and shallow depth shall be provided. The water after cooling will be suitable for irrigation purpose. As an alternative, this will be used as diluents to moderate effluent, stream (B) below and further treated. The Moderately polluted wastewater is the floor vessel washing, de-min plant, laboratory and process, which has low pH and has organic matter. After			
Disposal of the ETP sludge		To be sent to Composting			

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### 30. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Used/ spent oil	5.1	MT/Month	11	0	11	Reused in own boiler as fuel

### 31. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Boiler 40 TPH	Bagasse	1	65	3.0	120
2	Boiler 80 TPH	Bagasse	2	76	3.33	120
3	Boiler 110 TPH	Bagasse	3	85	3.45	120

### 32. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Bagasse	1761MT/Day	0	1761 MT/Day

33. Source of Fuel: Own bagasse available from sugare cane crushed

34. Mode of Transportation of fuel to site: Conver Belt

### 35. Energy

<b>Power requirement:</b>	Source of power supply :	Own Power Generation / MSEDCL
	During Construction Phase: (Demand Load)	40KVA
	DG set as Power back-up during construction phase	100KVA
	During Operation phase (Connected load):	3700KVA
	During Operation phase (Demand load):	Not applicable
	Transformer:	Not applicable
	DG set as Power back-up during operation phase:	2 no. of 400KVA & 1 no. of 1000KVA DG sets
	Fuel used:	HSD
Details of high tension line passing through the plot if any:	Not applicable	

### Energy saving by non-conventional method:

planetary drive for boiling house equipment's and Variable feed drive(VFD)

### 36. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
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1	planetary drive for boiling house equipment's and Variable feed drive(VFD)	3%					
<b>37.Details of pollution control Systems</b>							
<b>Source</b>	<b>Existing pollution control system</b>	<b>Proposed to be installed</b>					
STP	Conventional STP outlet water used for gardening	NA					
ETP	ETP	NA					
Boiler Stack 1	ESP	NA					
Boiler Stack 2	ESP	NA					
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Not applicable					
	<b>O &amp; M cost:</b>	Not applicable					
<b>38.Environmental Management plan Budgetary Allocation</b>							
<b>a) Construction phase (with Break-up):</b>							
<b>Serial Number</b>	<b>Attributes</b>	<b>Parameter</b>	<b>Total Cost per annum (Rs. In Lacs)</b>				
1	Air Pollution Control	RSPM, SO <sub>2</sub> , NO <sub>x</sub>	1.0				
2	Noise	Decibel	05				
<b>b) Operation Phase (with Break-up):</b>							
<b>Serial Number</b>	<b>Component</b>	<b>Description</b>	<b>Capital cost Rs. In Lacs</b>	<b>Operational and Maintenance cost (Rs. in Lacs/yr)</b>			
1	Air Pollution Control	RSPM, SO <sub>2</sub> , NO <sub>x</sub>	-	2.0			
2	Green Belt Development	Plantation	30	5.0			
3	Online Monitoring	Air and water	60	6			
4	ETP	Effluent	-	5.0			
5	STP	waste water	25	1.5			
6	Occupational Health	LABOUR Halth check up	2.0	5.0			
7	Rainwater Harvesting	tank for rain water harvesting	20.0	5.0			
<b>39.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)</b>							
<b>Description</b>	<b>Status</b>	<b>Location</b>	<b>Storage Capacity in MT</b>	<b>Maximum Quantity of Storage at any point of time in MT</b>	<b>Consumption / Month in MT</b>	<b>Source of Supply</b>	<b>Means of transportation</b>
NA	NA	NA	NA	NA	NA	NA	NA
<b>40.Any Other Information</b>							
No Information Available							



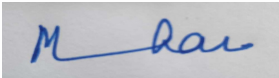
	<b>CRZ/ RRZ clearance obtain, if any:</b>	Not applicable
	<b>Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries</b>	Not applicable
	<b>Category as per schedule of EIA Notification sheet</b>	5 (j) -B, 1(d)-
	<b>Court cases pending if any</b>	NA
	<b>Other Relevant Informations</b>	Not applicable
	<b>Have you previously submitted Application online on MOEF Website.</b>	Yes
	<b>Date of online submission</b>	23-10-2015

**3. The proposal has been considered by SEIAA in its 220th meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions:**

**Specific Conditions:**

<b>I</b>	PP to implement the Guidelines for restoration of manufacturing industries after lockdown period issued by Ministry of Home Affairs, National Disaster Management Authority on 09.05.2020.
<b>II</b>	PP to prepare and implement construction management plan. PP to provide shelter, food, drinking water, sanitation facilities to the construction workers as per guidelines issued by the Competent Authority.
<b>III</b>	PP to submit to the SEIAA certified compliance of Consent to operate to be obtained from the Maharashtra Pollution Control Board.
<b>IV</b>	PP to provide Continuous Emission Monitoring System (CEMS) for monitoring of air emissions and connect the same to the MPCB and CPCB servers.
<b>V</b>	PP to ensure identification and signing of MoU with the brick manufacturer for disposal of ash generated on site.
<b>VI</b>	PP to provide Sewage Treatment Plant for the treatment of domestic waste water generated within factory premises.
<b>VII</b>	PP to prepare & implement cane development plan in consultation with the Mahatma Phule Agriculture University, Rahuri for enhancement of per hectare yield of sugar cane. PP to promote drip irrigation for sugar cane cultivation in their jurisdiction.
<b>VIII</b>	PP to ensure compliance of all the issues raised during the Public Hearing along with budgetary allocation and specific time limits for its implementation and submit report to the District Authority and Maharashtra Pollution Control Board.
<b>IX</b>	PP to prepare and implement CER plan of Rs. 15 Lakhs in consultation with the District Authority for development of social and environmental infrastructure in the Z.P Schools and Primary Health Centre in the study area of the proposed project as per OM issued by MoEF&CC dated 01.05.2018.
<b>X</b>	PP to include carbon and water foot print in Environment Management Plan and adopt necessary measures to reduce the same.
<b>XI</b>	PP to undertake Miyawaki plantation of native and indigenous trees in the proposed 33 % green belt as per the Forest Department, Govt. of Maharashtra circular no SaVaVi-2019/C.R.3/F-11, dated 25th June, 2019. The said plantation to be completed in the first year of operation of Environmental Clearance under expert guidance of Miyawaki experts / arborist.
<b>XII</b>	PP to ensure to provide Zero Liquid Discharge Effluent Treatment Plant.
<b>XIII</b>	PP to strictly observe the Solid Waste Management Rules, 2016 as amended time to time.
<b>XIV</b>	PP to strictly observe the Hazardous and Other Wastes (Management & Trans boundary Movement) Rules, 2016 as amended time to time.

**SEIAA Meeting No: 220 Meeting Date: May 14, 2021 ( SEIAA-STATEMENT-000000766 )  
SEIAA-MINUTES-0000003379  
SEIAA-EC-0000002355**

  
**Manisha Patankar Mhaiskar (Member Secretary SEIAA)**

XV	PP to identify all sources of fugitive air pollution on site and provide pollution control measures to mitigate pollution and meet the standard parameters stipulated in the Environment (Protection) Rules, 1986 amended time to time & Air (Prevention and Control of Pollution) Act, 1981 amended time to time.
XVI	PP to ensure storage of chemicals as per the Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 amended time to time to ensure no release of any chemical to the atmosphere and leakage to the soil.
XVII	PP to ensure transport, storage, handling and use of the flammable/toxic chemicals as per conditions stipulated in license/approval of the Petroleum & Explosive Safety Organization (PESO).
XVIII	PP to obtain approval and License from the Directorate of Industrial Health & Safety (DIHS) for proposed project and implement all condition stipulated therein. PP to carry out Safety Audit as stipulated in the Maharashtra Factories Rules, 1963 and ensure compliance of recommendation of the Audit.
XIX	PP to provide solar energy for illumination of Administrative Building, Street Lights and parking Area.
XX	PP to ensure use of briquette /bio coal/ pellets/ or any such suitable product derived from scientific processing of appropriate stream of dry waste/agricultural waste , not less than 50 % of the total fuel requirement to the boiler.
XXI	PP to provide roof top Rain Water Harvesting facility.

**General Conditions:**

I	I. The project proponent shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded Environmental Clearance and copies of Environmental Clearance letter are available with the Maharashtra Pollution Control Board, website of the company and may also be seen at Website at <a href="http://parivesh.nic.in">http://parivesh.nic.in</a> .
II	II. The project Proponent shall upload the status of compliance (soft copies) of the conditions stipulated Environmental Clearance letter including monitoring data of air, water, soil, noise etc. on their website and shall update the same periodically. The half yearly compliance report shall simultaneously be submitted to the Maharashtra Pollution Controls Board, SEIAA and the Regional Office off MoEF&CC at Nagpur, on 1st June & 1st December of each calendar year.
III	III. Separate fund shall be allocated for the implementation of Environmental Management Plan along with item wise break up and specific time line for its completion. The cost shall be included as part of the project cost. The funds earmarked for the environmental protection measures shall not be diverted for other purpose and year-wise expenditure should be reported to the MPCB and the SEIAA.
IV	IV. A separate Environmental Management Cell with qualified personnel shall be set up for implementation of the stipulated environmental safeguards.
V	V. In the event of failure of any pollution control equipment, the manufacturing activity shall be immediately stopped safely till the effective functioning of pollution control equipment's is regained.
VI	VI. PP to strictly follow conditions stipulated in the Consent to Establish/Operate issued by the Maharashtra Pollution Control Board.
VII	VII. PP to provide separate drains for storm water and effluent, and ensure that, the storm water drains are dry all the time and in no case the effluent shall mix with the storm water drain.
VIII	VIII. Periodic Monitoring of ground water in the study area as marked in the Environmental Impact Assessment Report shall be undertaken and results analysed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.
IX	IX. The overall noise levels in and around the factory premises shall be kept within the prescribed standard under the Environment (Protection) Act, 1986 and Rule, 1989 as amended from time to time by providing adequate noise control measures and protective equipment's like ear muff and ear plug etc.
X	X. Adequate safety measures shall be ensured to limit the risk zone within the factory premises. Leak detection system shall be installed for early detection and mitigation purpose.
XI	XI. PP to scrupulously follow the requirements of Maharashtra Factories Act, 1948 & Rules 1963 as amended from time to time.
XII	XII. The Environmental Statement for each financial year ending on 31st March in Form-V as is mandated to be submitted by the Project Proponent to the concerned Pollution Control Board as prescribed under the Environment (Protection) Rule, 1989 as amended from time to time, it shall also be put on the website of the company along with the status of the compliance of the conditions stipulated in the Environmental Clearance letter.

4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.

5. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.

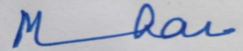
6. The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.

7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, and amendments by MoEF&CC Notification dated 29th April, 2015.

8. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.

9. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.

10. Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1st Floor, D- Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.



Manisha Patankar Mhaiskar (Member Secretary SEIAA)

**Copy to:**

1. SECRETARY MOEF & CC
2. IA- DIVISION MOEF & CC
3. MEMBER SECRETARY MAHARASHTRA POLLUTION CONTROL BOARD MUMBAI
4. REGIONAL OFFICE MOEF & CC NAGPUR
5. REGIONAL OFFICE MPCB NASHIK
6. REGIONAL OFFICE MIDC NASHIK
7. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
8. COLLECTOR OFFICE AHMEDNAGAR
9. COLLECTOR OFFICE JALGAON
10. COLLECTOR OFFICE DHULE
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