

# MINAKSHI AGRO INDUSTRIES LLP

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DATE: 16.06.2025

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 report for period **October 2024 to March 2025** w.r.t. Establishment of Grain based Distillery Unit by **M/s. Minakshi Agro Industries LLP** located at Plot No- A 96, MIDC Paithan, Mudhal Wadi, Paithan Road, Tal.: Paithan, Dist.: Aurangabad, Maharashtra State.

**Ref. :** State Environment Impact Assessment Authority (SEIAA), Maharashtra for the Establishment of Grain based Distillery Unit vide SEAC-2010/CR.539/TC.2 dated 04.12.2010. (Refer Enclosure I)

Dear Sir,

This has reference to Environmental Clearance (EC) granted w.r.t. Establishment of Grain based Distillery Unit by **M/s. Minakshi Agro Industries LLP** located at Plot No- A 96, MIDC Paithan, Mudhal Wadi, Paithan Road, Tal.: Paithan, Dist.: Aurangabad, Maharashtra State.

As per General Condition No. XXIII in EC letter, we are submitting a Six Monthly Compliance Report for a period of **October 2024 to March 2025**.

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

Thanking you,

Yours faithfully,



(Authorized Signatory)

M/s. Minakshi Agro Industries LLP

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**Registered Office: 394/C, Lamington Chambers, Lamington Road, Mumbai – 400 004**

**Tel. No. 022-6777 9777, Fax No. 022-6777 9777, Email: info@minakshiagro.com;**

**LLPIN: ABA-1673**

**Factory: Plot No. A-96, MIDC, Paithan – 431 107, Taluka Paithan,**

**District – Chhatrapati Sambhajnagar.**

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# **Enclosure - I**

## **EC Letters**

**Government of Maharashtra**

No. SEAC-2010/CR.539/TC.2  
Environment department  
Room No. 217, 2nd floor,  
Mantralaya Annexe,  
Mumbai- 400 032.  
Dated: 4<sup>th</sup> December, 2010

To,  
Morya Grain Distilleries Pvt. Ltd.  
Admn Office, 81, Prabhat Centre,  
CBD Belapur, Navi  
Mumbai- 400614.

**Sub: Grain-based distillery at MIDC, Paithan, Dist. Aurangabad by M/s. Morya Grain Distilleries Pvt. Ltd. - Environmental clearance regarding.**

Sir,

This has reference to your communication dated nil on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee, Maharashtra in its 34<sup>th</sup> meeting and decided to 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 29<sup>th</sup> meeting held on 22<sup>nd</sup> October, 2010.

2. It is noted that the proposal is for grant of Environmental Clearance for Grain-based distillery at MIDC, Paithan, Dist. Aurangabad by M/s. Morya Grain Distilleries Pvt. Ltd. The project considered by SEAC under Category 'B2' of EIA Notification 2006, screening category 5(g)

**Project information from submitted & considered documents is summarized as below-**

<b>Name of the Project</b>	:	Grain-based distillery at MIDC, Paithan, Dist. Aurangabad
<b>Project Proponent</b>	:	M/s. Morya Grain Distilleries Pvt. Ltd.
<b>Location of the project</b>	:	Plot No. A-96, MIDC, Paithan, Dist. Aurangabad
<b>Land</b>	:	10.9 hectares
<b>Estimated cost of the project</b>	:	₹ 39.4 Cr.

**Production Capacity:**

- Rectified spirit / Extra Neutral Alcohol : 720 KL/M
- Fusel oil : 3 KL/M
- DDGS(Distillers Dried Grain Solids) : 660 MT

**Boiler capacity:** 10 TPH & 3.5 TPH.

**Coal / Brickets:** 45 MT/Day

**Raw material requirement (MT/M):**

- Grains (Jowar, Maize) : 2000
- Liquefying Enzymes : 1
- Saccharifying enzymes : 1



- Urea : 1.5
- De-foaming oil : 0.75
- Yeast : 1.5

**Water Requirement: Source: MIDC**

Sr. No.		Fresh	Recycled	Total
1	Process	215	57	272
2	Cooling water	140	200	340
3	DM Water	113	--	113
4	Domestic	32	--	32
5	Green belt	--	138	138
	<b>Total</b>	<b>500</b>	<b>395</b>	<b>895</b>

**Effluent generation:** 422 CMD, which shall be treated in a Effluent Treatment Plant (ETP)

**Capacity of ETP:** 450 CMD

**ETP unit details:**

Sr. No.	Unit Name	QTY	Volume (m3)	MOC	Retention time
1	Equalization Tank	1	Approx. 211 m3	RCC M20	12 hrs
2	Extended Aeration Tank	1	Approx. 422 m3	RCC M20	24 hrs
3	Secondary Clarifier	1	Approx. 127 m3	RCC M20	7
4	SDB	8	Approx. 200 m2	Brick Masonry	
5	Ozonator	1		Brick Masonry	
6	Filtrate sump	1		Brick Masonry	

**Solid waste Management:**

Sr. No	Source	Source Qty(TPM)	Form (Sludge/Dry/Slurry etc.)	Composition
1	Raw water treatment plant	Nil	NA	NA
2	ETP	10	Dry sludge	90% moisture 10% solids
3	Process	660	Slurry	NA
4	Spent Catalyst	NA	NA	NA
5	Oily Sludge	Nil	NA	NA
6	Others like Battery waste, e waste etc	10 TPD (Fly/Bottom Ash)	solid	---

**Disposal:**

- DDGS (Distillers Dried Grain Solubles) will be recovered as by-product, has high protein content, & sold as animal feed. This results in no effluent from spent wash.
- ETP Sludge will be used as manure/ composting
- Fly ash will be used for land filling/ brick making. Fly ash utilization as per Fly ash Notification no. SO763(E) dated 14.09.1999 (amended) and as per direction of MPCB.
- There will be no Hazardous Waste generation from process.

*[Handwritten Signature]*

- Facilities for storage coal shall be
  - Clearly demarcated.
  - Provided with sprinkles & dust control equipment.
  - Properly fenced/ dyked, bunded.
  - Workers working on sludge handling/disposal should be provided with proper personal protective equipment.

Green belt area: 7 acres

### Environment Management Plan:

#### Construction Phase :

- Site Preparation :** As the land is level, and within existing plant premises, land development is restricted to excavation of building foundations. The excavated material will be stored properly to control dust nuisance in dry weather. Excavated material and other rubble (demolition debris etc.) will be disposed off in an environmentally sound manner.
- Sanitation :** Local labor will be employed for construction. Essential services such as water supply, toilets will be provided for the site workers. Adequate drinking water supply will be provided for onsite workers. Toilet blocks for workers will be connected to septic tank / soak pit.
- Noise :** The impact of noise during the construction stage would be of a localized, and of a temporary nature. Barricades by way of tin sheets shall be provided all around construction site/plot boundary to prevent noise / dust pollution.

#### Operation Phase :

- Air Environment :**
  - There would be stacks for 2 boilers (10 & 3.5 TPH capacities).
  - Air pollution control systems to be provided include Multi-Cyclone & Bag Filter.
  - Storage tanks would be provided with vent condensers to reduce VOC emissions.
  - Regular air monitoring (stack & ambient) will be carried out through MoEF Accredited laboratories.
- Noise Environment :**
  - All pumps & rotating machineries will be properly maintained & regularly oiled.
  - Workers working on machines will be provided with Ear Muffs/ Ear plugs
- Water Environment :**
  - Total quantity of effluent (trade & sewage) generated would be 422 CMD. ETP of capacity 450 CMD would be installed for effluent treatment.
  - The ETP to be provided will be having tertiary treatment to enable recycle/ reuse of 257 cmd for cooling & process use & 138 cmd for Gardening.
  - There will be ZERO discharge outside plot premises.
  - Following measures are proposed to ensure proper functioning of ETP :
    - Third party testing through MoEF accredited Agencies will be carried out.
    - Daily monitoring of influent and effluent of wastewater treatment plant will be carried out for pH, TSS, COD and Oil & Grease in in-house laboratory to be set-up in ETP/company premises.
    - Complete evaluation of the performance of each unit of the effluent treatment plant will be undertaken periodically.

**Environmental Management Plan:** Total capital cost for EMP shall be ₹ 1.525 lakhs and O & M for EMP shall be ₹ 29.5 lakhs.

*Rabindra*

	Capital cost	O&M cost	Remarks
ETP	1.2 Cr.	10 lakhs	
Green Belt	10 lakhs	1 lakhs	
Air pollution control Equipment	7.5 lakhs	1 lakhs	Cyclone & Bag filters.
Waste Management	--	10 lakhs	
Environmental Monitoring	--	7.5 lakhs	
Socio-economic upliftment	15 lakhs/Annum	--	Special focus on education & providing sanitary facilities in nearby villages.
<b>Total</b>	<b>1.525 Cr.</b>	<b>29.5 lakhs</b>	

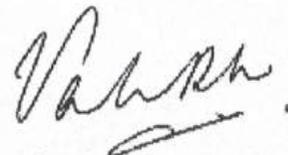
3. The proposal has been considered by SEIAA in its 29<sup>th</sup> meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions:

- (i) "Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site. MPCB should verify SO<sub>2</sub> emissions modeling submitted by project proponent as recommended by SEAC.
- (ii) No land development / construction work preliminary or otherwise relating to the project shall be taken up without obtaining due clearance from respective authorities.
- (iii) No additional land shall be used /acquired for any activity of the project without obtaining proper permission.
- (iv) For controlling fugitive natural dust, regular sprinkling of water & wind shields at appropriate distances in vulnerable areas of the plant shall be ensured.
- (v) Regular monitoring of the air quality, including SPM & SO<sub>2</sub> levels both in work zone and ambient air shall be carried out in and around the power plant and records shall be maintained. The location of monitoring stations and frequency of monitoring shall be decided in consultation with Maharashtra Pollution Control Board (MPCB) & submit report accordingly to MPCB.
- (vi) A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.
- (vii) Arrangement shall be made that waste water and storm water do not get mixed.
- (viii) Periodic monitoring of ground water shall be undertaken and results analyzed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.
- (ix) Leq of Noise level shall be maintained as per standards. For people working in the high noise area, requisite personal protective equipment like earplugs etc. shall be provided.
- (x) The overall noise levels in and around the plant are 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 confirm to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989.
- (xi) Green belt shall be developed & maintained around the plant periphery. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.

*Vandana*

- (vi) Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. Leak detection devices shall also be installed at strategic places for early detection and warning.
- (xiii) Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.
- (xiv) The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.
- (xv) The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Waste (Management and Handling) Rules, 2003 (amended). Authorization from the MPCB shall be obtained for collections/treatment/storage/disposal of hazardous wastes.
- (xvi) The company shall undertake following Waste Minimization Measures :
- Metering of quantities of active ingredients to minimize waste.
  - Reuse of by- products from the process as raw materials or as raw material substitutes in other process.
  - Maximizing Recoveries.
  - Use of automated material transfer system to minimize spillage.
  - Use of "Closed Feed" system into batch reactors.
- (xvii) Regular mock drills for the on-site emergency management plan shall be carried out. Implementation of changes / improvements required, if any, in the on-site management plan shall be ensured.
- (xviii) A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
- (xix) Transportation of ash will be through closed containers and all measures should be taken to prevent spilling of the ash.
- (xx) Separate silos will be provided for collecting and storing bottom ash and fly ash.
- (xxi) Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department
- (xxii) The project management 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 clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <http://envis.maharashtra.gov.in>
- (xxiii) Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1<sup>st</sup> June & 1<sup>st</sup> December of each calendar year.
- (xxiv) A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
- (xxv) The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely: SPM, RSPM, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.

- (xxvi) The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.
- (xxvii) The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent 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 EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.
- (xxviii) The environmental clearance is being issued without prejudice to the 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 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.
4. The Environment department reserves the right 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.
5. **Validity of Environment Clearance:** The environmental clearance accorded shall be valid for a period of 5 years to start of production operations.
6. 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.
1. 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.
2. Any appeal against this environmental clearance shall lie with the National Environmental Appellate Authority, if preferred, within 30 days as prescribed under Section 11 of the National Environmental Appellate Act, 1997.



(Valsa R Nair Singh)  
Secretary, Environment  
department & MS, SEIAA

Copy to:

1. Shri. Ashok Basak, IAS (Retd.), Chairman, SEIAA, 502, Charleville, 'A' Road, Churchgate, Mumbai- 400 020, Maharashtra.
2. Shri. P.M.A Hakeem, IAS (Retd.), Chairman, SEAC, 'Jugnu' Kottaram Road, Calicut- 673 006 Kerala.

3. The Secretary, Energy department, Govt. of Maharashtra, Mantralaya, Mumbai - 400032., Maharashtra
4. Member Secretary, Maharashtra Pollution Control Board, with request to display a copy of the clearance.
5. The CCF, Regional Office, Ministry of Environment and Forest (Regional Office, Western Region, Kendriya Paryavaran Bhavan, Link Road No- 3, E-5, Ravi-Shankar Nagar, Bhopal- 462 016). (MP).
6. Regional Office, MPCB, Aurangabad.
7. Collector, Aurangabad.
8. IA- Division, Monitoring Cell, MoEF, Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi-110003.
9. Director(TC-1), Dy. Secretary(TC-2),Scientist-1,Environment department
10. Select file (TC-3).

# **Pointwise Compliance**

## Six monthly (October 2024 to March 2025) Compliance Report for M/s. Minakshi Agro Industries LLP, of Grain Based Distillery

### Brief Summary of the Project:

1.	Name of Project	:	<b>M/s. Minakshi Agro Industries LLP</b>
2.	Type of Project	:	Grain Based Distillery
3.	Clearance Letter No. & date	:	SEAC-2010/CR539/TC.2 Dated 04.12.2010
4.	Location: District & State/UT	:	MIDC Paithan Dist.Aurangabad,Maharashtra State.
5.	Address for Correspondence	:	MIDC Paithan Dist.Aurangabad,Maharashtra State.

### Preamble:

“**The Minakshi Agro Industries LLP** plant is located at Plot No- A 96, MIDC Paithan, Mudhal Wadi, Paithan Road, Tal.: Paithan, Dist.: Aurangabad, Maharashtra State. Industry has procured EC from State Environment Impact Assessment Authority (SEIAA), Maharashtra for Establishment of Grain based Distillery Unit vide SEAC-2010/CR.539/TC.2 dated 04.12.2010. Subsequently, the project has been granted the Consent to Establish (CTE) and Consent to Operate (CTO) from MPCB. The plant has a capacity of 30,000 Liters Per Day (KLPD) to produce 27,500 Liters Per Day (27.5 KLPD) of high-quality Extra Neutral Alcohol (ENA) from grains such as maize or broken rice. This plant was originally established under the name **Morya Distilleries Pvt. Ltd.** The plant erection completed in 2010 and got commissioned in 2011. Due to financial issues this plant got shut down in the year 2016 and the unit became NPA IN 2017. This plant was purchased by **Minakshi Agro industries LLP** having head office in Latur, Maharashtra in the year 2022 in the auction process carried out by lender bank. After attending plant maintenance work, the re-started in the year 2023. Now the plant is functional and producing RS/ ENA under the **Minakshi Agro Industries LLP**.

N o.	Environmental Clearance Conditions	Compliance towards the Conditions Stipulated
<b>A.</b>	<b>Specific Condition</b>	
1	<p><b>Condition No. 1</b> Consent for Establishment” shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site. MPCB should verify SO<sub>2</sub> emissions modeling submitted by project proponent as recommended by SEAC.</p>	<p><b>Complied.</b> Industry granted CTO from MPCB Format No Format1.0/JD 9 (WPC) UAN No. MPCB- CONSENT-0000149623/CR/2303001191 dated 16.03.2023 valid up to 31.07.2026. Copy of CTO is enclosed at <b>Annexure-I</b>.</p>

No.	Environmental Clearance Conditions	Compliance towards the Conditions Stipulated
2.	<p><b>Condition No. 2</b> No land development / construction work preliminary or otherwise relating to the project shall be taken up without obtaining due clearance from respective authorities.</p>	<p><b>Complied.</b> No land development or construction activities were undertaken prior to obtaining the necessary clearances from all relevant authorities. All required approvals were obtained before the commencement of work.</p>
3	<p><b>Condition No. 3</b> No additional land shall be used / acquired for any activity of the project without obtaining proper permission.</p>	<p><b>Complied.</b> Industry is not using or acquiring additional land for any activity of the project without prior permission. PP also ensure in future, the same practice will follow.</p>
4	<p><b>Condition No. 4</b> For controlling fugitive natural dust, regular sprinkling of water &amp; wind shields at appropriate distances in vulnerable areas of the plant shall be ensured.</p>	<p><b>Complied.</b> To control the fugitive emissions from all vulnerable sources necessary compliance is done on site. Water sprinkling arrangements have been made to curb the dust emissions during movement of vehicles.</p>
5	<p><b>Condition No. 5</b> Regular monitoring of the air quality, including SPM &amp; SO<sub>2</sub> levels both in work zone and ambient air shall be carried out in and around the power plant and records shall be maintained. The location or monitoring stations and frequency of monitoring shall be decided in consultation with Maharashtra Pollution Control Board (MPCB) &amp; submit report accordingly to MPCB.</p>	<p><b>Complied</b> Regular monitoring of Ambient Air Quality for parameters namely PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub> &amp; NO<sub>x</sub> is carried out through NABL approved laboratory. The monitoring is carried out at Near main gate, Behind factory, Distillation section and also work zone air quality monitored at locations viz. Fermentation Section. Monitoring reports are enclosed at <b>Annexure-II</b>. The monitoring is done by MoEFCC &amp; NABL approved laboratory – <b>Green EnviroSAFE Pune, Maharashtra</b>.</p>
6	<p><b>Condition No. 6</b> A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.</p>	<p><b>Complied</b> The industry has implemented Rainwater Harvesting system. The harvested rainwater is stored in raw water storage tank. The collected rainwater is being used for gardening and Fire-fighting System.</p>
7	<p><b>Condition No. 7</b> Arrangement shall be made that waste water and storm water do not get mixed.</p>	<p><b>Complied.</b> Industry has made arrangement so that wastewater and storm water should not get mixed.</p>
8	<p><b>Condition No. 8</b> Periodic monitoring of ground water shall be undertaken and results analyzed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.</p>	<p><b>Complied</b> Industry regularly conducts monitoring of ground water. Monitoring reports are enclosed at <b>Annexure-II</b>. Henceforth; industry regularly submitted monitoring reports to Ministry office through six monthly compliance report.</p>
9	<p><b>Condition No. 9</b> Leq of Noise level shall be maintained as per standards. For people working in the high noise area, requisite personal protective equipment like earplugs etc. shall be provided.</p>	<p><b>Complied.</b> The overall noise levels in and around the plant area are kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise control generation. Noise Monitoring reports are enclosed at <b>Annexure-II</b>. Workers working in noisy area are provided with</p>

No.	Environmental Clearance Conditions	Compliance towards the Conditions Stipulated
		personal protective Equipment's such as ear plug, ear muffs etc. PPEs are provided to all workers during working hours. The first aid facilities in the occupational health center is strengthened and regular medical test record of each employee is maintained separately.
10	<p><b>Condition No. 10</b></p> <p>The overall noise levels in and around the plant are 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 confirm to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989.</p>	<p><b>Complied.</b></p> <p>The overall noise levels in and around the plant area are kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. Also, PPEs are provided to workers working in noisy area. Overall noise levels in and around the plant area are maintained within the standards prescribed under Environment (Protection) Act, 1986, 1989 Rules. Copy is enclosed as <b>Annexure-II</b>.</p>
11	<p><b>Condition No. 11</b></p> <p>Green belt shall be developed &amp; maintained around the plant periphery. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO / Agriculture Dept.</p>	<p>Total plot area is 10.9 Ha. As per EC, PP has to developed 7 Acre (2.83 Ha.) area under green belt which is 26 % of total plot area. PP has developed green belt on 1.5 Ha. Area, where 690 no. of trees already planted. Latest green details enclosed at <b>Annexure-III</b>.</p>
12	<p><b>Condition No. 12</b></p> <p>Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. Leak detection devices shall also be installed at strategic places for early detection and warning.</p>	<p><b>Complied.</b></p> <p>Industry is following the safety measures during manufacturing process as well as in materials' handling. PP also informed that Training sessions/workshops for employees on safety and health aspects are being organized regularly.</p>
13	<p><b>Condition No. 13</b></p> <p>Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.</p>	<p><b>Complied.</b></p> <p>Industry has an OHC facility with one doctor &amp; 2 assistants. PP conducts health checkup camp for all workers once in a year and the record of the same are kept on site. A doctor has been appointed to visit the industry site on daily basis to provide healthcare facility to employees. Also, necessary healthcare facilities are being provided with routine health survey tests &amp; through medical camps. The first aid facilities in the occupational health center are strengthened and regular medical test record of each employee is maintained separately. The record of the same is maintained. Health checkup reports and OHC center is enclosed at <b>Annexure-IV</b>.</p>
14	<p><b>Condition No. 14</b></p>	<p><b>Complied.</b></p> <p>Firefighting arrangements have been provided on site as per Factories' Act. Fire hydrant equipment, foam added</p>

No.	Environmental Clearance Conditions	Compliance towards the Conditions Stipulated
	The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.	fire extinguishers is provided. Details of Fire system is enclosed at <b>Annexure-V</b> .
15	<p><b>Condition No. 15</b></p> <p>The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Waste (Management and Handling) Rules, 2003 (amended). Authorization from the MPCB shall be obtained for collections / treatment / storage/ disposal of hazardous wastes.</p>	Not applicable. No any hazardous waste generated from existing unit.
16	<p><b>Condition No. 16</b></p> <p>The company shall undertake following Waste Minimization Measures :</p> <ul style="list-style-type: none"> <li>• Metering of quantities of active ingredients to minimize waste.</li> <li>• Reuse of by products from the process as raw materials or as raw material substitutes in other process.</li> <li>• Maximizing Recoveries.</li> <li>• Use of automated material transfer system to minimize spillage.</li> <li>• Use of "Closed Feed" system into batch reactors</li> </ul>	<p><b>Complied.</b></p> <p>The project is an agro based industry. Practices of recycle &amp; reuse are duly followed in minimizing fresh water requirements. ZLD of effluent is also adopted. Utilization of by-products like DDGS as animal feed or compost; spent wash for biogas or composting.</p>
17	<p><b>Condition No. 17</b></p> <p>Regular mock drills for the on-site emergency management plan shall be carried out. Implementation of changes / improvements required, if any, in the on-site management plan shall be ensured.</p>	<p><b>Complied.</b></p> <p>Training and mock-drills are regularly conducted for employees. Periodic mock drills are conducted for imparting training on handling hazardous situations and handling of firefighting equipment. Latest mock drill conducted on 12.03.2025.</p>
18	<p><b>Condition No. 18</b></p> <p>A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.</p>	<p><b>Complied.</b></p> <p>A separate Environmental Management cell of 10 well-qualified personnel has been established. Details of EMC is enclosed at <b>Annexure-VI</b>.</p>
19	<p>Condition No. 19</p> <p>Transportation of ash will be through closed containers and all measures should be taken to prevent spilling of the ash.</p>	<p><b>Complied.</b></p> <p>All required precautions are being taken to prevent spilling of ash.</p>
20	<p><b>Condition No. 20</b></p> <p>Separate silos will be provided for collecting and storing bottom ash and fly ash.</p>	<p><b>Complied.</b></p> <p>PP sell bottom ash and fly ash to bricks manufacturers immediately without storage.</p>
21	<p><b>Condition No. 21</b></p>	<p><b>Complied.</b></p>

No.	Environmental Clearance Conditions	Compliance towards the Conditions Stipulated																																		
	<p>Separate funds shall be allocated for implementation of environmental protection measures / EMP along with item-wise break-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purpose and year-wise expenditure should reported to the MPCB &amp; this department.</p>	<p>The Company is complying with all the environmental protection measures and safeguards and implement all the recommendations made in EIA / EMP. Details are given in table below-</p> <table border="1" data-bbox="792 411 1520 968"> <thead> <tr> <th rowspan="2">No.</th> <th rowspan="2">Description</th> <th colspan="2">Cost Component</th> </tr> <tr> <th>Capital (In Lakh)</th> <th>Annual O &amp; M (In Lakh)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Air Pollution Control - APC</td> <td>7.5</td> <td>1</td> </tr> <tr> <td>2</td> <td>Water Pollution Control – ETP&amp; Biogas</td> <td>120</td> <td>10</td> </tr> <tr> <td>3</td> <td>Environmental Monitoring &amp; Management</td> <td>-</td> <td>7.5</td> </tr> <tr> <td>4</td> <td>Green Belt</td> <td>10</td> <td>1</td> </tr> <tr> <td>5</td> <td>Solid Waste Management</td> <td>-</td> <td>10</td> </tr> <tr> <td>6</td> <td>CSR Activities</td> <td>15 /Annum</td> <td>----</td> </tr> <tr> <td colspan="2"><b>Total</b></td> <td><b>152.5</b></td> <td><b>29.5</b></td> </tr> </tbody> </table>	No.	Description	Cost Component		Capital (In Lakh)	Annual O & M (In Lakh)	1	Air Pollution Control - APC	7.5	1	2	Water Pollution Control – ETP& Biogas	120	10	3	Environmental Monitoring & Management	-	7.5	4	Green Belt	10	1	5	Solid Waste Management	-	10	6	CSR Activities	15 /Annum	----	<b>Total</b>		<b>152.5</b>	<b>29.5</b>
No.	Description	Cost Component																																		
		Capital (In Lakh)	Annual O & M (In Lakh)																																	
1	Air Pollution Control - APC	7.5	1																																	
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3	Environmental Monitoring & Management	-	7.5																																	
4	Green Belt	10	1																																	
5	Solid Waste Management	-	10																																	
6	CSR Activities	15 /Annum	----																																	
<b>Total</b>		<b>152.5</b>	<b>29.5</b>																																	
22	<p><b>Condition No. 22</b> The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the material 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 clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <a href="http://envis.maharashtra.gov.in">http://envis.maharashtra.gov.in</a></p>	<p><b>Noted.</b></p>																																		
23	<p><b>Condition No. 23</b> Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard &amp; soft copies to the MPCB &amp; this department, on 1<sup>st</sup> June &amp; 1<sup>st</sup> December of each calendar year.</p>	<p><b>Complied.</b> Industry regularly submits a six-monthly compliance report to regulatory authority.</p>																																		

No.	Environmental Clearance Conditions	Compliance towards the Conditions Stipulated
24	<p><b>Condition No. 24</b></p> <p>A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.</p>	<p><b>Complied</b></p> <p>Industry submitted EC copy to local body (<b>Gram panchayat Mudhalwadi</b>) dated on <b>17.11.2022</b>. Acknowledgement copy of submission of EC letter to Grampanchayat is enclosed at <b>Annexure - VII</b>.</p>
25	<p><b>Condition No. 25</b></p> <p>The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Officer of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.</p>	<p><b>Complied</b></p> <p>Industry regularly updated company website.</p>
26	<p><b>Condition No. 26</b></p> <p>The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC, conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.</p>	<p><b>Complied.</b></p> <p>Industry regularly submits a six-monthly compliance report to regulatory authority.</p>
27	<p><b>Condition No. 27</b></p> <p>The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent 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 EC conditions and</p>	<p><b>Complied.</b></p> <p>The environmental statement (ES) for each financial year ending 31<sup>st</sup> March in Form-V is submitted w.r.t. existing unit to State Pollution Control Board. Copy of Environmental Statement for year <b>2023-24</b> submitted is attached at <b>Annexure-VIII</b>.</p>

No.	Environmental Clearance Conditions	Compliance towards the Conditions Stipulated
	shall also be sent to the respective Regional Officers of MoEF by e-mail.	
28	<p><b>Condition No. 28</b></p> <p>The environmental clearance is being issued without prejudice to the 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 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.</p>	<b>Noted.</b>

# MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437  
Fax:  
24044532/4024068/4023516  
Website: <http://mpcb.gov.in>  
Email: [jdwater@mpcb.gov.in](mailto:jdwater@mpcb.gov.in)



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

RED/L.S.I (R60)  
No:- Format1.0/JD (WPC)/UAN No.MPCB-  
CONSENT-0000149623/CR/2303001191

Date: 16/03/2023

To,  
M/s. Minakshi Agro Industries LLP.(Formerly Known  
as M/s. Morya Grain Distillery Pvt.Ltd), Plot No- A 96,  
MIDC Paithan, Mudhal Wadi, Paithan Road, Tal-  
Paithan, Dist-Aurangabad.



Your Service is Our Duty

**Sub: Renewal of Consent to Operate for Distillery Unit Under RED Category.**

**Ref:** 1. Application submitted by SRO-Aurangabad.  
2. SCN for refusal of Consent dtd-05.12.2022.

Your application No.MPCB-CONSENT-0000149623 Dated 30.09.2022

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

- The consent to renewal is granted for a period up to 31/07/2026**
- The capital investment of the project is Rs.40.009 Crs. (As per C.A Certificate submitted by industry Renewal of Consent is valid upto-31.07.2026.)**
- Consent is valid for the manufacture of:**

Sr No	Product	Maximum Quantity	UOM
Products			
1	Rectified Spirit or Extra Neutral Alcohol	720	KL/M
2	Fusel Oil	3	KL/M
3	DDGS	660	MT/M

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

Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path
1.	Trade effluent	395.2	As per Schedule-I	On land for gardening
2.	Domestic effluent	1.6	As per Schedule-I	Soaked in soak pit

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

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	1	Boiler-16 TPH	1	As per Schedule -II
2	2	DG set-350 KVA	1	As per Schedule -II

6. **Non-Hazardous Wastes:**

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
NA					

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

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
NA					

- The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
- This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
- The applicant shall comply with the conditions of the Environmental Clearance granted vide letter No. dtd. 04.12.2010.
- Industry shall install online continuous monitoring system as per CPCB guidelines & data to be transmitted directly from Data Logger to Board server .
- The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before actual commencement of the Unit/Activity. (Establish)




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Signed by: **Dr. Y.B.Sontakke**  
Joint Director (WPC)  
For and on behalf of,  
**Maharashtra Pollution Control Board**  
jdwater@mpcb.gov.in  
2023-03-16 19:58:53 IST

**Received Consent fee of -**

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	75000.00	MPCB-DR-14715	04/10/2022	NEFT
2	3078860.00	MPCB-DR-17930	16/03/2023	RTGS
3	825000.00	MPCB-DR-17929	16/03/2023	RTGS

**Industry paid penal fees of Rs.3078860.00 towards violation that not obtained renewal from 31.07.2014 onwards.**

**Copy to:**

- Regional Officer, MPCB, Aurangabad and Sub-Regional Officer, MPCB, Aurangabad I  
- They are directed to ensure the compliance of the consent conditions.  
- They are directed to obtain the B.G. of Rs.5.0 Lakhs towards the compliance of consent condition.
- Chief Accounts Officer, MPCB, Sion, Mumbai

## **SCHEDULE-I**

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

#### **1. Conditions for Trade effluent:**

- A] Industry shall provide CPU for recycle/reuse of treated effluent.
- B] i. The applicant shall operate ETP to treat the effluent so as to achieve the following standards as prescribed by the board/under EP Act, 1986 and rules made thereunder from time to time whichever is stringent.

Sr.No.	Parameter	Standards prescribed by the Board
		Limiting concentration in mg/l except pH
1.	pH.	6.5-8.5.
2.	Colour and Odour.	Absent.
3.	Oil and Grease.	10.
4.	BOD 27°C 3 days.	100 (disposal for on-land irrigation).
5.	Sulphate.	1000.
6.	SS.	100.
7.	COD.	250.
8.	Chloride.	600.
9.	Total dissolved solids.	2100.

- ii. In no any case industrial effluent shall find its way outside the factory premises directly/indirectly except for disposal on-land for gardening/irrigation as per bilateral agreement with farmers.
- iii. Industry shall take an approval to adopt any alternative technology equivalent to concentration and incineration such as spray dryer with boiler, rotary dryer with aux fuel & boiler gasification, etc. for achieving ZLD.

- C] Industry shall operate Online Continuous Emission Monitoring System (OCEMS) and shall transmit Online Continuous Emission Monitoring System (OCEMS) data to Board's server directly through the data logger without any intermediate server

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

- i. You shall provide sewage treatment plant for the treatment of 1.6 CMD sewage generation due to expansion and provide including disinfection facility.
- ii. The industry shall operate sewage treatment system to treat the sewage/ domestic effluent so as to achieve the standards as prescribed by the board/under EP Act, 1986 and rules made thereunder from time to time whichever is stringent.

Sr.No	Parameter	Concentration not to exceed(in mg/l except for pH)
1.	pH	6.5-9.0
2.	BOD	30
3.	TSS	100

- iii. The sewage shall be treated by using septic tank and soak pit and overflow if any shall be used on-land for gardening/irrigation.
3. The industry shall have bilateral agreement with farmers on whose land the treated effluent is used for irrigation purposes and copy of the agreements with validity shall be submitted to the Regional/Sub-Regional office of the board.
5. The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

<b>Sr. No.</b>	<b>Purpose for water consumed</b>	<b>Water consumption quantity (CMD)</b>
1.	Industrial Cooling, spraying in mine pits or boiler feed	4.00
2.	Domestic purpose	2.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	494.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	0.0

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



## **SCHEDULE-II**

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

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

<b>Stack No.</b>	<b>Stack Attached To</b>	<b>APC System</b>	<b>Height in Mtrs.</b>	<b>Type of Fuel</b>	<b>Quantity &amp; UoM</b>	<b>S%</b>	<b>SO<sub>2</sub></b>
1	Boiler-16 TPH	Scrubber	45	Coal or Bagasse	4000 Kg/Hr	0.20	384.00

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

Particulate matter	Not to exceed	150 mg/Nm <sup>3</sup>
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6. Storage of raw materials, coal etc. shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
7. The industry shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugitive emissions to Regional Office MPCB.
8. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
9. Industry shall provide Online Continuous Emission Monitoring System (OCEMS) i.e. flow meter and night vision camera to ensure the Zero Liquid Discharge (ZLD) of spent wash and OCEMS for Boiler stack for PM parameter.

### SCHEDULE-III

#### Details of Bank Guarantees:

Sr. No	Consent (C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	Renewal of Consent	5.0 Lakhs	Submit within 15 days	Towards compliance of consent condition	31.07.2023	31.12.2023

#### BG Forfeiture History

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

#### BG Return details

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



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

1. The Energy source for lighting purpose shall preferably be LED based
2. The PP shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant
3. Conditions for D.G. Set
  - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
  - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
  - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
  - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
  - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
  - f) D.G. Set shall be operated only in case of power failure.
  - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
  - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
4. The applicant shall maintain good housekeeping.
5. The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
6. The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
7. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding upon you.
8. The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can be downloaded from MPCB official site).
9. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
10. The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.
11. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.

12. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
13. You shall operate OCEMS installed for source emission round 'O' clock and transmit data online to CPCB and MPCB server. You shall also monitor effluent quality, stack emissions and ambient air quality monthly/quarterly. You shall conduct Dioxin Furan monitoring by third party NABL Accredited agency once in year and submit report to Sub Regional Officer.
14. You shall ensure collection, and segregation of BMW regularly to treat and dispose Off within 48 hrs from generation.
15. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
16. The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
17. The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M & TM) Rules 2016, which can be recycled /processed /reused /recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.
18. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
19. You shall not Rent, Lend, Sell, Transfer or Close Down the facility or otherwise transport the Bio Medical waste for any other purpose without obtaining prior written permission of the MPC Board.
20. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
21. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
22. The industry should not cause any nuisance in surrounding area.
23. The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
24. You shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the facility premises.

25. The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
26. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto
27. The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
28. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
29. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions.
30. The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.
31. You should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly. You shall conduct Dioxin Furan monitoring by third party NABL Accredited agency once in every year and submit report to Sub Regional Officer.
32. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
33. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
34. You shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.

35. You shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website (www.mpcb.gov.in).
36. You shall create the Environmental Cell by appointing an Environmental Engineer and Chemist for looking after day-to-day activities related to compliance of CCA.
37. You should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 , Bio Medical Waste Management Rules,2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year in Form-IV by 30th June of every year
38. You should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 , Bio Medical Waste Management Rules,2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year in Form-IV by 30th June of every year

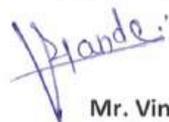
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This certificate is digitally & electronically signed.

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Recognised by Ministry of Environment and Forests (MoEF) / Central Pollution Control Board Govt. of India (CPCB)  
ISO 9001:2015, ISO 45001 : 2018 and ISO 14001 : 2015 Certified Company

TEST REPORT				
Test Report No: -	GESEC/PRO/AAQM/2025-2026/06/135		Report Date	15/06/2025
Sample ID: -	GESEC/PRO/AAQM/2025-2026/06/135			
Name & Address of the Customer	Minakshi Agro Industries LLP, Plot A 96 MIDC Paithan Industrial area, Mudhalwadi, TQ - Paithan, District - Ch. Sambhaji Nagar (Aurangabad).			
Ambient Air Sample Details				
Type	Sampling Location		Sampling done by	
Ambient Air	Near Main Gate		GESEC	
Sampling Time				
Start Time	Stop Time		Total Hrs.	
11:00 AM.	12:00 PM.		60 Min	
Metrological Data/Environmental Conditions				
Ambient Temperature °C	29	Wet Bulb Temperature °C	25	
Dry Bulb Temperature °C	29	Relative Humidity % RH	72.4	
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
09/06/2025	10/06/2025	10/06/2025	15/06/2025	
Name Of Instrument	Fine Dust Sampler	Date Of Calibration	07/10/2024	
Calibration Certificate No.	386/GESEC/Lab/Inst/32	Due Date of Calibration	06/10/2025	
Parameters	Method	Unit	NAAQ Standards	Result
Particulate Matter (PM <sub>10</sub> )	CPCB Guidelines, Volume I ,36/2012-13, Page no. 11	µg/cum	100.00	60.33
Particulate Matter (PM <sub>2.5</sub> )	CPCB Guidelines, Volume I ,36/2012-13, Page no. 15	µg/cum	60.00	22.40
Sulphur Dioxide (SO <sub>2</sub> )	CPCB Guidelines, Volume I ,36/2012-13, Page no. 01	µg/cum	80.00	11.05
Oxides of Nitrogen(NO <sub>x</sub> )	CPCB Guidelines, Volume I ,36/2012-13, Page no. 07	µg/cum	80.00	17.24
<b>Remark</b>				
➤ NAAQS - National Ambient Air Quality Standards, Central Pollution Control Board Notification, No. B – 29016 / 20 / 90 / PCI – I, New Delhi, the 18th November 2009.				
		 <b>Mr. Vinod Hande</b> (Technical Manager) Reviewed & Authorized By		
		*** END OF REPORT*** Page 1 of 1		

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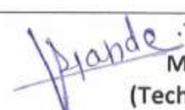
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ISO 9001:2015, ISO 45001 : 2018 and ISO 14001 : 2015 Certified Company

TEST REPORT					
Test Report No: -	GESEC/PRO/AAQM/2025-2026/06/136			Report Date	15/06/2025
Sample ID: -	GESEC/PRO/AAQM/2025-2026/06/136				
Name & Address of the Customer	Minakshi Agro Industries LLP, Plot A 96 MIDC Paithan Industrial area, Mudhalwadi, TQ - Paithan, District - Ch. Sambhaji Nagar (Aurangabad).				
Ambient Air Sample Details					
Type	Sampling Location			Sampling done by	
Ambient Air	Behind Factory			GESEC	
Sampling Time					
Start Time	Stop Time			Total Hrs.	
11:15 AM.	12:15 PM.			60 Min	
Metrological Data/Environmental Conditions					
Ambient Temperature °C	29	Wet Bulb Temperature °C		25	
Dry Bulb Temperature °C	29	Relative Humidity % RH		72.4	
Date of Sampling	Sample Receipt Date	Analysis Start Date		Analysis End Date	
09/06/2025	10/06/2025	10/06/2025		15/06/2025	
Name Of Instrument	Respirable Dust Sampler	Date Of Calibration		07/10/2024	
Calibration Certificate No.	240-TEJ-21/GESEC/Lab/Inst/47	Due Date of Calibration		06/10/2025	
Parameters	Method	Unit	NAAQ Standards	Result	
Particulate Matter (PM <sub>10</sub> )	CPCB Guidelines, Volume I ,36/2012-13, Page no. 11	µg/cum	100.00	57.86	
Particulate Matter (PM <sub>2.5</sub> )	CPCB Guidelines, Volume I ,36/2012-13, Page no. 15	µg/cum	60.00	20.14	
Sulphur Dioxide (SO <sub>2</sub> )	CPCB Guidelines, Volume I ,36/2012-13, Page no. 01	µg/cum	80.00	10.39	
Oxides of Nitrogen(NO <sub>x</sub> )	CPCB Guidelines, Volume I ,36/2012-13, Page no. 07	µg/cum	80.00	15.77	
<b>Remark</b>					
➤ NAAQS - National Ambient Air Quality Standards, Central Pollution Control Board Notification, No. B – 29016 / 20 / 90 / PCI – I, New Delhi, the 18th November 2009.					
			 <b>Mr. Vinod Hande</b> (Technical Manager) Reviewed & Authorized By		

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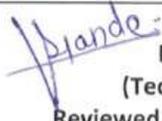
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TEST REPORT				
Test Report No: -	GESEC/PRO/WZM/2025-2026/06/137	Report Date	15/06/2025	
Sample ID: -	GESEC/PRO/WZM/2025-2026/06/137			
Name & Address of the Customer	Minakshi Agro Industries LLP, Plot A 96 MIDC Paithan Industrial area, Mudhalwadi, TQ - Paithan, District – Ch. Sambhaji Nagar (Aurangabad).			
WORKZONE AIR QUALITY MONITORING RESULTS				
Type	WORKZONE Air	Sampling Location	Distillation Section	
		Sampling Time	GESEC	
Start Time	11:30 AM.	Stop Time	12:30 PM.	
		Total Hrs.	60 Min	
Metrological Data/Environmental Conditions				
Ambient Temperature °C	27.0	Wet Bulb Temperature °C	18.0	
Dry Bulb Temperature °C	27.0	Relative Humidity % RH	40.9	
Date of Sampling	09/06/2025	Sample Receipt Date	10/06/2025	Analysis Start Date
				10/06/2025
				Analysis End Date
				15/06/2025
Name of Instrument	Handy sampler	Date Of Calibration	07/10/2024	
Calibration Certificate No.	129-TEJ-21/GESEC/Lab/Inst/52	Due Date of Calibration	06/10/2025	
Parameters	Method	Unit	Limits	Result
Particulate Matter (PM)	GESEC/LAB/SOP/WZM/30	mg/m <sup>3</sup>	10	0.382
Sulphur Dioxide (SO <sub>2</sub> )	GESEC/LAB/SOP/WZM/28	mg/m <sup>3</sup>	5	0.006
Oxides of Nitrogen(NO <sub>x</sub> )	GESEC/LAB/SOP/WZM/29	mg/m <sup>3</sup>	6	0.013
Remark :	Limits: As per the Second Schedule of Factories Act /OSHA TWA			
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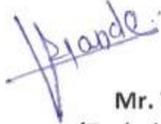
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TEST REPORT				
Test Report No: -	GESEC/PRO/WZM/2025-2026/06/138		Report Date	15/06/2025
Sample ID: -	GESEC/PRO/WZM/2025-2026/06/138			
Name & Address of the Customer	Minakshi Agro Industries LLP, Plot A 96 MIDC Paithan Industrial area, Mudhalwadi, TQ - Paithan, District – Ch. Sambhaji Nagar (Aurangabad).			
WORKZONE AIR QUALITY MONITORING RESULTS				
Type	Sampling Location		Sampling was done by	
WORKZONE Air	Fermentation Section		GESEC	
Sampling Time				
Start Time	Stop Time		Total Hrs.	
11:45 AM.	12:45 PM.		60 Min	
Metrological Data/Environmental Conditions				
Ambient Temperature °C	27.0	Wet Bulb Temperature °C	18.0	
Dry Bulb Temperature °C	27.0	Relative Humidity % RH	40.9	
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
09/06/2025	10/06/2025	10/06/2025	15/06/2025	
Name Of Instrument	Personal sampler	Date Of Calibration	07/10/2024	
Calibration Certificate No.	96-TEJ-21/GESEC/Lab/Inst/53	Due Date of Calibration	06/10/2025	
Parameters	Method	Unit	Limits	Result
Particulate Matter (PM)	GESEC/LAB/SOP/WZM/30	mg/m <sup>3</sup>	10	0.405
Sulphur Dioxide (SO <sub>2</sub> )	GESEC/LAB/SOP/WZM/28	mg/m <sup>3</sup>	5	0.007
Oxides of Nitrogen(NO <sub>x</sub> )	GESEC/LAB/SOP/WZM/29	mg/m <sup>3</sup>	6	0.014
Remark :				
➤ Limits: As per Second Schedule of Factories Act /OSHA TWA.				
		 Mr. Vinod Hande (Technical Manager) Reviewed & Authorized By		
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TEST REPORT				
Test Report No	GESEC/PRO/ST/2025-2026/06/139	Report Date	15/06/2025	
Sample ID -	GESEC/PRO/ST/2025-2026/06/139			
Name & Address of the Customer	Minakshi Agro Industries LLP, Plot A 96 MIDC Paithan Industrial area, Mudhalwadi, TQ - Paithan, District – Ch. Sambhaji Nagar (Aurangabad).			
Sample Details				
Sample collection Date	Sample receipt Date	Analysis start Date	Analysis complete Date	
09/06/2025	10/06/2025	10/06/2025	15/06/2025	
Instrument Details				
Name Of Instrument	Stack Sampler	Date Of Calibration	08/10/2024	
Calibration Certificate No.	5919/GESEC/LAB/INST/33	Due Date of Calibration	07/10/2025	
Stack Details				
Stack No/ID	Stack Attached to		Sampling done by	
01	Boiler Stack- 16 TPH		GESEC	
Shape	Round	Fuel Used	Coal & Bagasse	
Diameter/ Dimensions ( m )	1.50	Pressure(mm WG)	3.20	
Height (m)	45			
Temperature (°C)	128	Velocity (m/s)	6.80	
Gas Volume (Nm <sup>3</sup> /Hr)	32140.52			
Parameters	Method	Unit	Limit	Result
Total Particulate Matter (TPM)	EPA METHOD 17: 2017	mg/Nm <sup>3</sup>	150	25.96
Sulphur Dioxide (SO <sub>2</sub> )	EPA METHOD 06: 2017	mg/Nm <sup>3</sup>	-	79.11
		Kg/day	-	61.02
Oxides of Nitrogen (NOx)	EPA METHOD 07 E	mg/Nm <sup>3</sup>		35.79
<b>Remarks-</b>				
➤ Maharashtra Pollution Control Board (MPCB) Limits: TPM: 150 mg/Nm <sup>3</sup>				
➤ Maharashtra Pollution Control Board (MPCB) Limits: SO <sub>2</sub> : As per consent.				
		 <b>Mr. Vinod Hande</b> (Technical Manager) Reviewed & Authorized By		

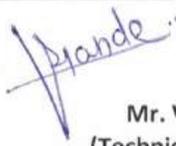
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TEST REPORT				
Test Report No	GESEC/PRO/ST/2025-2026/06/140	Report Date	15/06/2025	
Sample ID -	GESEC/PRO/ST/2025-2026/06/140			
Name & Address of the Customer	Minakshi Agro Industries LLP, Plot A 96 MIDC Paithan Industrial area, Mudhalwadi, TQ - Paithan, District – Ch. Sambhaji Nagar (Aurangabad).			
Sample Details				
Sample collection Date	Sample receipt Date	Analysis start Date	Analysis complete Date	
09/06/2025	10/06/2025	10/06/2025	15/06/2025	
Instrument Details				
Name Of Instrument	Stack Sampler	Date Of Calibration	03/08/2024	
Calibration Certificate No.	SSEC/FF/1595	Due Date of Calibration	02/08/2025	
Stack Details				
Stack No/ID	Stack Attached to		Sampling done by	
01	DG Stack- 350 KVA		GESEC	
Shape	Round	Fuel Used	HSD	
Diameter/ Dimensions ( m )	0.1524	Pressure(mm WG)	0.30	
Height (m)	03 ARL			
Temperature (°C)	55	Velocity (m/s)	1.88	
Gas Volume (Nm <sup>3</sup> /Hr)	112.32			
Parameters	Method	Unit	Limit	Result
Total Particulate Matter (TPM)	EPA METHOD 17: 2017	mg/Nm <sup>3</sup>	150	13.87
Sulphur Dioxide (SO <sub>2</sub> )	EPA METHOD 06: 2017	mg/Nm <sup>3</sup>	-	3.54
		Kg/day	-	0.01
Oxides of Nitrogen (NO <sub>x</sub> )	EPA METHOD 07 E	mg/Nm <sup>3</sup>		7.69
<b>Remarks-</b>				
➤ Maharashtra Pollution Control Board (MPCB) Limits: TPM: 150 mg/Nm <sup>3</sup>				
➤ Maharashtra Pollution Control Board (MPCB) Limits: SO <sub>2</sub> : As per consent.				
		 <b>Mr. Vinod Hande</b> (Technical Manager) Reviewed & Authorized By		

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Test Report No: -	GESEC/PRO/ANLM/2025-2026/06/141	Report Date	15/06/2025	
Sample ID: -	GESEC/PRO/ANLM/2025-2026/06/141			
Name & Address of the Customer	Minakshi Agro Industries LLP, Plot A 96 MIDC Paithan Industrial area, Mudhalwadi, TQ - Paithan, District – Ch. Sambhaji Nagar (Aurangabad).			
Ambient Noise Sample Details				
Type	Ambient Noise			
Sampling done by	GESEC			
Standard method	As Per IS: 9989:2020			
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
09/06/2025	-	-	-	
Name Of Instrument	Sound Level Meter	Date Of Calibration	08/10/2024	
Calibration Certificate No.	Q672793/ GESEC/LAB/INST/30	Due Date of Calibration	07/10/2025	
Test Location	Unit	Average Noise Level Readings dB(A)		CPCB Standards dB(A)
		Day Time (02:10 PM)	Night Time (10:10 PM)	
Near Main Gate	dB(A)	62.8	58.4	Day time =75 dB (A) Night time=70 dB(A)
Near Behind factory	dB(A)	56.2	55.1	
Near Parking	dB(A)	59.7	56.0	
Near Boiler Stack	dB(A)	63.3	59.8	
Near Administration building	dB(A)	58.9	55.7	
<b>Remark-</b>				
➤ Central Pollution Control Board (CPCB) has prescribed 75 dB (A) as an upper limit of Noise Level during the Day Time & 70 dB (A) during the Night Time.				



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(Technical Manager)  
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**TEST REPORT**

Test Report No: -	GESEC/PRO/WNLM/2025-2026/06/142	Report Date	15/06/2025
Sample ID: -	GESEC/PRO/WNLM/2025-2026/06/142		

Name & Address of the Customer  
Minakshi Agro Industries LLP,  
Plot A 96 MIDC Paithan Industrial area, Mudhalwadi, TQ - Paithan,  
District – Ch. Sambhaji Nagar (Aurangabad).

**Work Zone Noise Sample Details**

Type	Work Zone Noise
Sampling done by	GESEC
Standard method	As Per IS: 9989:2020

Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date
09/06/2025	-	-	-

Name Of Instrument	Sound Level Meter	Date Of Calibration	08/10/2024
Calibration Certificate No.	Q672793/ GESEC/LAB/INST/30	Due Date of Calibration	07/10/2025

Test Location	Unit	Average Noise Level Readings dB(A)		CPCB Standards dB(A)
		Day Time (02:50 PM)	Night Time (11:00 PM)	
Fermentation Section	dB(A)	68.7	64.2	90
Distillation Section	dB(A)	65.9	62.8	
Boiler Section	dB(A)	80.9	77.7	
ETP Laboratory	dB(A)	59.2	56.5	
Storage Section	dB(A)	63.2	61.6	

**Remark-**

- The Factories Act, 1948, has prescribed 90 dB (A) as an upper limit of noise level for 8 hours exposure.
- All the above results are within Factories Act 1948 Standards.



*Handwritten signature*

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**TEST REPORT**

Test Report No: GESEC/PRO/WW/2025-2026/06/143	Report Date	15/06/2025
Sample ID : GESEC/PRO/WW/2025-2026/06/143	Sample Details	ETP Outlet
Name & Address of the Customer: Minakshi Agro Industries LLP, Plot A 96 MIDC Paithan Industrial area, Mudhalwadi, TQ - Paithan, District – Ch. Sambhaji Nagar (Aurangabad).	Type of Sample	Waste Water
	Volume Of Sample	1 Lit plastic bottle
	Sample Status	Sealed
	Sample Collected By	GESEC
	Date of Sample Collection	09/06/2025
	Sample Receipt Date	10/06/2025
	Analysis start Date	10/06/2025
	Analysis End Date	15/06/2025

Parameters	Results	MPCB LIMIT	Unit	Standard Method
pH	7.73	6.5-8.5	--	APHA 4500 H+ B 24 th Edition:2023
Suspended Solids (SS)	47.01	100	mg/lit	APHA 2540 D 24 th Edition:2023
Total Dissolved Solids (TDS)	692.55	2100	mg/lit	APHA 2540 C 24 th Edition:2023
Chemical Oxygen Demand (COD)	66.17	250	mg/lit	USEPA 410.1
Biochemical Oxygen Demand (BOD)	23.00	100	mg/lit	USEPA NERL 405.1
Chlorides as Cl-	159.67	600	mg/lit	APHA 4500-Cl-B 24 th Edition:2023
Sulphates as SO <sub>4</sub> <sup>2-</sup>	119.80	1000	mg/lit	APHA 4500-SO <sub>4</sub> E 24 th Edition:2023
Oil & Grease	<5	10	mg/lit	APHA 5520 D 24 th Edition:2023

Remark(s):  
➤ All parameters are within the MPCB limit.



*Hande*  
Mr. Vinod Hande  
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**TEST REPORT**

Test Report No: GESEC/PRO/GW/2025-2026/06/144	Date of Report	15/06/2025
Sample ID : GESEC/PRO/GW/2025-2026/06/144	Sample Details	Water
Name & Address of the Customer - Minakshi Agro Industries LLP, Plot A 96 MIDC Paithan Industrial area, Mudhalwadi, TQ - Paithan, District – Ch. Sambhaji Nagar (Aurangabad).	Type of Sample	Ground Water
	Volume Of Sample	2 Lit
	Sample Status	Sealed
	Sample Collected By	GESEC
	Date of Sample Collection	09/06/2025
	Date of Sample received in the lab	10/06/2025
	Analysis start Date	10/06/2025
	Analysis End Date	15/06/2025

**WATER ANALYSIS REPORT**

Parameter	Result	Unit(s)	Standard Method
Color	Clear	--	APHA 2120 B 24th Edition:2023
Odor	Odor free	--	APHA 2150 24 th Edition:2023
pH	7.63	--	APHA 4500 H+,B, 24 <sup>th</sup> Edition 2023
Turbidity	BDL	NTU	APHA 2130 B,24 <sup>th</sup> Edition 2023
TDS	269.87	mg/lit	APHA 2540 C,24 <sup>th</sup> Edition 2023
Conductivity	402.78	µS/cm	APHA 2510 B 24 th Edition:2023
Chemical Oxygen Demand (COD)	8.97	mg/lit	USEPA 410.1
Biochemical Oxygen Demand (BOD)	BDL	mg/lit	USEPA NERL 405.1
Calcium as Ca	26.31	mg/lit	APHA 3500-Ca B 24 th Edition:2023
Magnesium as Mg	10.45	mg/lit	APHA 3500 -Mg B 24 <sup>th</sup> Edition: 2023
Total Hardness	108.74	mg/lit	APHA 2340 C,24 <sup>th</sup> Edition 2023
Total Alkalinity	49.86	mg/lit	APHA 2320 B,24 <sup>th</sup> Edition 2023
Sulphate	16.20	mg/lit	APHA 4500-SO-4 – E 24 <sup>th</sup> Edition 2023
Chloride	32.11	mg/lit	APHA 4500-Cl-B 24 <sup>th</sup> Edition:2023
Potassium as K	5.93	mg/lit	APHA 3550 K B : 24 th Edition:2023

**Remark(s):**

> BDL – Below Detectable Limit.



*V. Hande*

Mr. Vinod Hande  
(Technical Manager)  
Reviewed & Authorized By

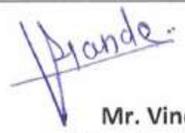
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TEST REPORT				
Test Report No: -	GESEC/PRO/AAQM/2025-2026/04/1068	Report Date	07/04/2025	
Sample ID: -	GESEC/PRO/AAQM/2025-2026/04/1068			
Name & Address of the Customer	Minakshi Agro Industries LLP, Plot A 96 MIDC Paithan Industrial area, Mudhalwadi, TQ - Paithan, District - Ch. Sambhaji Nagar (Aurangabad).			
Ambient Air Sample Details				
Type	Sampling Location		Sampling done by	
Ambient Air	Near Main Gate		GESEC	
Sampling Time				
Start Time	Stop Time		Total Hrs.	
10:30 AM.	11:30 AM.		60 Min	
Metrological Data/Environmental Conditions				
Ambient Temperature °C	32	Wet Bulb Temperature °C	17	
Dry Bulb Temperature °C	32	Relative Humidity % RH	19.6	
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
02/04/2025	03/04/2025	03/04/2025	07/04/2025	
Name Of Instrument	Fine Particulate Sampler	Date Of Calibration	26/04/2024	
Calibration Certificate No.	107L1/GESEC/Lab/Inst/74	Due Date of Calibration	25/04/2025	
Parameters	Method	Unit	NAAQ Standards	Result
Particulate Matter (PM <sub>10</sub> )	CPCB Guidelines, Volume I ,36/2012-13, Page no. 11	µg/cum	100.00	65.83
Particulate Matter (PM <sub>2.5</sub> )	CPCB Guidelines, Volume I ,36/2012-13, Page no. 15	µg/cum	60.00	28.14
Sulphur Dioxide (SO <sub>2</sub> )	CPCB Guidelines, Volume I ,36/2012-13, Page no. 01	µg/cum	80.00	12.87
Oxides of Nitrogen(NO <sub>x</sub> )	CPCB Guidelines, Volume I ,36/2012-13, Page no. 07	µg/cum	80.00	23.76
<b>Remark</b>				
➤ NAAQS - National Ambient Air Quality Standards, Central Pollution Control Board Notification, No. B – 29016 / 20 / 90 / PCI – I, New Delhi, the 18th November 2009.				
				 <b>Mr. Vinod Hande</b> (Technical Manager) Reviewed & Authorized By

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TEST REPORT					
Test Report No: -	GESEC/PRO/AAQM/2025-2026/04/1069			Report Date	07/04/2025
Sample ID: -	GESEC/PRO/AAQM/2025-2026/04/1069				
Name & Address of the Customer	Minakshi Agro Industries LLP, Plot A 96 MIDC Paithan Industrial area, Mudhalwadi, TQ - Paithan, District – Ch. Sambhaji Nagar (Aurangabad).				
Ambient Air Sample Details					
Type	Sampling Location			Sampling done by	
Ambient Air	Behind Factory			GESEC	
Sampling Time					
Start Time	Stop Time			Total Hrs.	
10:45 AM.	11:45 AM.			60 Min	
Metrological Data/Environmental Conditions					
Ambient Temperature °C	32	Wet Bulb Temperature °C		17	
Dry Bulb Temperature °C	32	Relative Humidity % RH		19.6	
Date of Sampling	Sample Receipt Date	Analysis Start Date		Analysis End Date	
02/04/2025	03/04/2025	03/04/2025		07/04/2025	
Name Of Instrument	Fine Particulate Sampler	Date Of Calibration		26/04/2024	
Calibration Certificate No.	FDS 2021-22/77/ GESEC/Lab/Inst/77	Due Date of Calibration		25/04/2025	
Parameters	Method	Unit	NAAQ Standards	Result	
Particulate Matter (PM <sub>10</sub> )	CPCB Guidelines, Volume I ,36/2012-13, Page no. 11	µg/cum	100.00	61.26	
Particulate Matter (PM <sub>2.5</sub> )	CPCB Guidelines, Volume I ,36/2012-13, Page no. 15	µg/cum	60.00	24.50	
Sulphur Dioxide (SO <sub>2</sub> )	CPCB Guidelines, Volume I ,36/2012-13, Page no. 01	µg/cum	80.00	11.19	
Oxides of Nitrogen(NO <sub>x</sub> )	CPCB Guidelines, Volume I ,36/2012-13, Page no. 07	µg/cum	80.00	18.77	
Remark	<p>➤ NAAQS - National Ambient Air Quality Standards, Central Pollution Control Board Notification, No. B – 29016 / 20 / 90 / PCI – I, New Delhi, the 18th November 2009.</p>				
				<p><i>Hande</i> Mr. Vinod Hande (Technical Manager) Reviewed &amp; Authorized By</p>	

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TEST REPORT				
Test Report No: -	GESEC/PRO/WZM/2025-2026/04/1070		Report Date	07/04/2025
Sample ID: -	GESEC/PRO/WZM/2025-2026/04/1070			
Name & Address of the Customer	Minakshi Agro Industries LLP, Plot A 96 MIDC Paithan Industrial area, Mudhalwadi, TQ - Paithan, District – Ch. Sambhaji Nagar (Aurangabad).			
WORKZONE AIR QUALITY MONITORING RESULTS				
Type	Sampling Location		Sampling done by	
WORKZONE Air	Distillation Section		GESEC	
Sampling Time				
Start Time	Stop Time		Total Hrs.	
11:00 AM.	12:00 PM.		60 Min	
Metrological Data/Environmental Conditions				
Ambient Temperature °C	29.0	Wet Bulb Temperature °C	18.0	
Dry Bulb Temperature °C	29.0	Relative Humidity % RH	33.1	
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
02/04/2025	03/04/2025	03/04/2025	07/04/2025	
Name of Instrument	Handy sampler	Date of Calibration	26/04/2024	
Calibration Certificate No.	220412/GESEC/LAB/INST/100	Due Date of Calibration	25/04/2025	
Parameters	Method	Unit	Limits	Result
Particulate Matter (PM)	GESEC/LAB/SOP/WZM/30	mg/m <sup>3</sup>	10	0.427
Sulphur Dioxide (SO <sub>2</sub> )	GESEC/LAB/SOP/WZM/28	mg/m <sup>3</sup>	5	0.008
Oxides of Nitrogen(NO <sub>x</sub> )	GESEC/LAB/SOP/WZM/29	mg/m <sup>3</sup>	6	0.015
<b>Remark:</b>				
➤ Limits: As per the Second Schedule of Factories Act /OSHA TWA				



*Hande.*  
Mr. Vinod Hande  
(Technical Manager)  
Reviewed & Authorized By

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TEST REPORT				
Test Report No: -	GESEC/PRO/WZM/2025-2026/04/1071	Report Date	07/04/2025	
Sample ID: -	GESEC/PRO/WZM/2025-2026/04/1071			
Name & Address of the Customer	Minakshi Agro Industries LLP, Plot A 96 MIDC Paithan Industrial area, Mudhalwadi, TQ - Paithan, District – Ch. Sambhaji Nagar (Aurangabad).			
WORKZONE AIR QUALITY MONITORING RESULTS				
Type	Sampling Location		Sampling was donee by	
WORKZONE Air	Fermentation Section		GESEC	
Sampling Time				
Start Time	Stop Time		Total Hrs.	
11:15 AM.	12:15 PM.		60 Min	
Metrological Data/Environmental Conditions				
Ambient Temperature °C	29.0	Wet Bulb Temperature °C	18.0	
Dry Bulb Temperature °C	29.0	Relative Humidity % RH	33.1	
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
02/04/2025	03/04/2025	03/04/2025	07/04/2025	
Name Of Instrument	Handy sampler	Date of Calibration	26/04/2024	
Calibration Certificate No.	220413/GESEC/LAB/INST/101	Due Date of Calibration	25/04/2025	
Parameters	Method	Unit	Limits	Result
Particulate Matter (PM)	GESEC/LAB/SOP/WZM/30	mg/m <sup>3</sup>	10	0.396
Sulphur Dioxide (SO <sub>2</sub> )	GESEC/LAB/SOP/WZM/28	mg/m <sup>3</sup>	5	0.007
Oxides of Nitrogen(NO <sub>x</sub> )	GESEC/LAB/SOP/WZM/29	mg/m <sup>3</sup>	6	0.013
<b>Remark:</b>				
➤ Limits: As per Second Schedule of Factories Act /OSHA TWA.				
		  <b>Mr. Vinod Hande</b> <b>(Technical Manager)</b> <b>Reviewed &amp; Authorized By</b>		

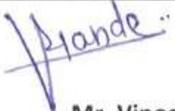
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TEST REPORT				
Test Report No	GESEC/PRO/ST/2025-2026/04/1072	Report Date	07/04/2025	
Sample ID -	GESEC/PRO/ST/2025-2026/04/1072			
Name & Address of the Customer	Minakshi Agro Industries LLP, Plot A 96 MIDC Paithan Industrial area, Mudhalwadi, TQ - Paithan, District - Ch. Sambhaji Nagar (Aurangabad).			
Sample Details				
Sample collection Date	Sample receipt Date	Analysis start Date	Analysis complete Date	
02/04/2025	03/04/2025	03/04/2025	07/04/2025	
Instrument Details				
Name Of Instrument	Stack Sampler	Date Of Calibration	08/10/2024	
Calibration Certificate No.	5919/GESEC/LAB/INST/33	Due Date of Calibration	07/10/2025	
Stack Details				
Stack No/ID	Stack Attached to		Sampling done by	
01	Boiler Stack- 16 TPH		GESEC	
Shape	Round	Fuel Used	Coal & Bagasse	
Diameter/ Dimensions ( m)	1.50	Pressure(mm WG)	3.40	
Height (m)	45			
Temperature (°C)	131	Velocity (m/s)	7.04	
Gas Volume (Nm <sup>3</sup> /Hr)	33006.46			
Parameters	Method	Unit	Limit	Result
Total Particulate Matter (TPM)	EPA METHOD 17: 2017	mg/Nm <sup>3</sup>	150	23.59
Sulphur Dioxide (SO <sub>2</sub> )	EPA METHOD 06: 2017	mg/Nm <sup>3</sup>	-	89.20
		Kg/day	-	70.66
Oxides of Nitrogen (NOx)	EPA METHOD 07 E	mg/Nm <sup>3</sup>		43.97
<b>Remarks-</b>				
➤ Maharashtra Pollution Control Board (MPCB) Limits: TPM: 150 mg/Nm <sup>3</sup>				
➤ Maharashtra Pollution Control Board (MPCB) Limits: SO <sub>2</sub> : As per consent.				
			 <b>Mr. Vinod Hande</b> (Technical Manager) Reviewed & Authorized By	

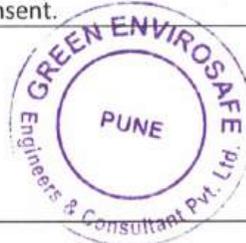
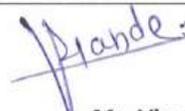
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TEST REPORT				
Test Report No	GESEC/PRO/ST/2025-2026/04/1073	Report Date	07/04/2025	
Sample ID -	GESEC/PRO/ST/2025-2026/04/1073			
Name & Address of the Customer	Minakshi Agro Industries LLP, Plot A 96 MIDC Paithan Industrial area, Mudhalwadi, TQ - Paithan, District – Ch. Sambhaji Nagar (Aurangabad).			
Sample Details				
Sample collection Date	Sample receipt Date	Analysis start Date	Analysis complete Date	
02/04/2025	03/04/2025	03/04/2025	07/04/2025	
Instrument Details				
Name Of Instrument	Stack Sampler	Date Of Calibration	03/08/2024	
Calibration Certificate No.	SSEC/FF/1595	Due Date of Calibration	02/08/2025	
Stack Details				
Stack No/ID	Stack Attached to		Sampling done by	
01	DG Stack- 350 KVA		GESEC	
Shape	Round	Fuel Used	HSD	
Diameter/ Dimensions ( m )	0.1524	Pressure(mm WG)	0.50	
Height (m)	03 ARL			
Temperature (°C)	58	Velocity (m/s)	2.44	
Gas Volume (Nm <sup>3</sup> /Hr)	144.35			
Parameters	Method	Unit	Limit	Result
Total Particulate Matter (TPM)	EPA METHOD 17: 2017	mg/Nm <sup>3</sup>	150	15.63
Sulphur Dioxide (SO <sub>2</sub> )	EPA METHOD 06: 2017	mg/Nm <sup>3</sup>	-	4.10
		Kg/day	-	0.01
Oxides of Nitrogen (NO <sub>x</sub> )	EPA METHOD 07 E	mg/Nm <sup>3</sup>		10.96
<b>Remarks-</b>				
<ul style="list-style-type: none"> <li>➤ Maharashtra Pollution Control Board (MPCB) Limits: TPM: 150 mg/Nm<sup>3</sup></li> <li>➤ Maharashtra Pollution Control Board (MPCB) Limits: SO<sub>2</sub>: As per consent.</li> </ul>				
			 <b>Mr. Vinod Hande</b> (Technical Manager) Reviewed & Authorized By	

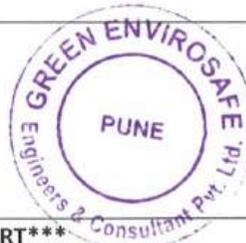
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TEST REPORT				
Test Report No: -	GESEC/PRO/ANLM/2025-2026/04/1074		Report Date	07/04/2025
Sample ID: -	GESEC/PRO/ANLM/2025-2026/04/1074			
Name & Address of the Customer	Minakshi Agro Industries LLP, Plot A 96 MIDC Paithan Industrial area, Mudhalwadi, TQ - Paithan, District – Ch. Sambhaji Nagar (Aurangabad).			
Ambient Noise Sample Details				
Type	Ambient Noise			
Sampling done by	GESEC			
Standard method	As Per IS: 9989:2020			
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
02/04/2025	-	-	-	
Name Of Instrument	Sound Level Meter	Date Of Calibration	08/10/2024	
Calibration Certificate No.	Q672793/ GESEC/LAB/INST/30	Due Date of Calibration	07/10/2025	
Test Location	Unit	Average Noise Level Readings dB(A)		CPCB Standards dB(A)
		Day Time (01:30 PM)	Night Time (10:30 PM)	
Near Main Gate	dB(A)	64.2	59.7	Day time =75 dB (A) Night time=70 dB(A)
Near Behind factory	dB(A)	58.0	56.5	
Near Parking	dB(A)	62.4	58.9	
Near Boiler Stack	dB(A)	64.1	61.7	
Near Administration building	dB(A)	60.5	57.2	
<b>Remark-</b>				
➤ Central Pollution Control Board (CPCB) has prescribed 75 dB (A) as an upper limit of Noise Level during the Day Time & 70 dB (A) during the Night Time.				
				 <b>Mr. Vinod Hande</b> (Technical Manager) Reviewed & Authorized By

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TEST REPORT				
Test Report No: -	GESEC/PRO/WNLM/2025-2026/04/1075		Report Date	07/04/2025
Sample ID: -	GESEC/PRO/WNLM/2025-2026/04/1075			
Name & Address of the Customer	Minakshi Agro Industries LLP, Plot A 96 MIDC Paithan Industrial area, Mudhalwadi, TQ - Paithan, District - Ch. Sambhaji Nagar (Aurangabad).			
Work Zone Noise Sample Details				
Type	Work Zone Noise			
Sampling done by	GESEC			
Standard method	As Per IS: 9989:2020			
Date of Sampling	Sample Receipt Date	Analysis Start Date		Analysis End Date
02/04/2025	-	-		-
Name Of Instrument	Sound Level Meter	Date Of Calibration		08/10/2024
Calibration Certificate No.	Q679943/GESEC/LAB/INST/126	Due Date of Calibration		07/10/2025
Test Location	Unit	Average Noise Level Readings dB(A)		CPCB Standards dB(A)
		Day Time (02:30 PM)	Night Time (11:30 PM)	
Fermentation Section	dB(A)	71.4	67.8	90
Distillation Section	dB(A)	69.2	65.2	
Boiler Section	dB(A)	83.3	81.5	
ETP Laboratory	dB(A)	63.0	59.8	
Storage Section	dB(A)	65.1	63.6	
<b>Remark-</b>				
<ul style="list-style-type: none"> <li>➤ The Factories Act, 1948, has prescribed 90 dB (A) as an upper limit of noise level for 8 hours exposure.</li> <li>➤ All the above results are within Factories Act 1948 Standards.</li> </ul>				
				 <b>Mr. Vinod Hande</b> (Technical Manager) Reviewed & Authorized By

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**TEST REPORT**

Test Report No: GESEC/PRO/WW/2025-2026/04/1076	Report Date	07/04/2025
Sample ID : GESEC/PRO/WW/2025-2026/04/1076	Sample Details	ETP Outlet
Name & Address of the Customer: Minakshi Agro Industries LLP, Plot A 96 MIDC Paithan Industrial area, Mudhalwadi, TQ - Paithan, District – Ch. Sambhaji Nagar (Aurangabad).	Type of Sample	Waste Water
	Volume Of Sample	1 Lit plastic bottle
	Sample Status	Sealed
	Sample Collected By	GESEC
	Date of Sample Collection	02/04/2025
	Sample Receipt Date	03/04/2025
	Analysis start Date	03/04/2025
	Analysis End Date	07/04/2025

Parameters	Results	MPCB LIMIT	Unit	Standard Method
pH	7.68	6.5-8.5	--	APHA 4500 H+ B 24 th Edition:2023
Suspended Solids (SS)	51.24	100	mg/lit	APHA 2540 D 24 th Edition:2023
Total Dissolved Solids (TDS)	730.79	2100	mg/lit	APHA 2540 C 24 th Edition:2023
Chemical Oxygen Demand (COD)	69.02	250	mg/lit	USEPA 410.1
Biochemical Oxygen Demand (BOD)	24.11	100	mg/lit	USEPA NERL 405.1
Chlorides as Cl-	175.64	600	mg/lit	APHA 4500-Cl-B 24 th Edition:2023
Sulphates as SO <sub>4</sub> <sup>2-</sup>	136.93	1000	mg/lit	APHA 4500-SO4 E 24 th Edition:2023
Oil & Grease	<5	10	mg/lit	APHA 5520 D 24 th Edition:2023

Remark(s):  
➤ All parameters are within the MPCB limit.



*Hande*  
Mr. Vinod Hande  
(Technical Manager)  
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**TEST REPORT**

Test Report No: GESEC/PRO/GW/2025-2026/04/1077	Date of Report	07/04/2025
Sample ID : GESEC/PRO/GW/2025-2026/04/1077	Sample Details	Water
Name & Address of the Customer - Minakshi Agro Industries LLP, Plot A 96 MIDC Paithan Industrial area, Mudhalwadi, TQ - Paithan, District – Ch. Sambhaji Nagar (Aurangabad).	Type of Sample	Ground Water
	Volume Of Sample	2 Lit
	Sample Status	Sealed
	Sample Collected By	GESEC
	Date of Sample Collection	02/04/2025
	Date of Sample received in the lab	03/04/2025
	Analysis start Date	03/04/2025
	Analysis End Date	07/04/2025

**WATER ANALYSIS REPORT**

Parameter	Result	Unit(s)	Standard Method
Color	Clear	--	APHA 2120 B 24th Edition:2023
Odor	Odor free	--	APHA 2150 24 th Edition:2023
pH	7.52	--	APHA 4500 H+,B, 24 <sup>th</sup> Edition 2023
Turbidity	BDL	NTU	APHA 2130 B,24 <sup>th</sup> Edition 2023
TDS	236.95	mg/lit	APHA 2540 C,24 <sup>th</sup> Edition 2023
Conductivity	353.65	µS/cm	APHA 2510 B 24 th Edition:2023
Chemical Oxygen Demand (COD)	9.63	mg/lit	USEPA 410.1
Biochemical Oxygen Demand (BOD)	BDL	mg/lit	USEPA NERL 405.1
Calcium as Ca	29.14	mg/lit	APHA 3500-Ca B 24 th Edition:2023
Magnesium as Mg	12.75	mg/lit	APHA 3500 -Mg B 24 <sup>th</sup> Edition: 2023
Total Hardness	125.28	mg/lit	APHA 2340 C,24 <sup>th</sup> Edition 2023
Total Alkalinity	53.69	mg/lit	APHA 2320 B,24 <sup>th</sup> Edition 2023
Sulphate	18.44	mg/lit	APHA 4500-SO-4 – E 24 <sup>th</sup> Edition 2023
Chloride	39.83	mg/lit	APHA 4500-Cl-B 24 <sup>th</sup> Edition:2023
Potassium as K	7.36	mg/lit	APHA 3550 K B : 24 th Edition:2023

**Remark(s):**

➤ BDL – Below Detectable Limit.



*Handwritten signature of Mr. Vinod Hande*

**Mr. Vinod Hande**  
**(Technical Manager)**

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TEST REPORT				
Test Report No: -	GESEC/PRO/AAQM/2024-2025/02/1517		Report Date	10/02/2025
Sample ID: -	GESEC/PRO/AAQM/2024-2025/02/1517			
Name & Address of the Customer	Minakshi Agro Industries LLP, Plot A 96 MIDC Paithan Industrial area, Mudhalwadi, TQ - Paithan, District - Ch. Sambhaji Nagar (Aurangabad).			
Ambient Air Sample Details				
Type	Sampling Location		Sampling done by	
Ambient Air	Near Main Gate		GESEC	
	Sampling Time			
Start Time	Stop Time		Total Hrs.	
09:30 AM.	10:30 AM.		60 Min	
Metrological Data/Environmental Conditions				
Ambient Temperature °C	24.0	Wet Bulb Temperature °C	15.0	
Dry Bulb Temperature °C	24.0	Relative Humidity % RH	36.9	
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
04/02/2025	05/02/2025	05/02/2025	10/02/2025	
Name Of Instrument	Fine Dust Sampler	Date Of Calibration	26/04/2024	
Calibration Certificate No.	FDS 24/GESEC/Lab/Inst/70	Due Date of Calibration	25/04/2025	
Parameters	Method	Unit	NAAQ Standards	Result
Particulate Matter (PM <sub>10</sub> )	CPCB Guidelines, Volume I ,36/2012-13, Page no. 11	µg/cum	100.00	63.23
Particulate Matter (PM <sub>2.5</sub> )	CPCB Guidelines, Volume I ,36/2012-13, Page no. 15	µg/cum	60.00	26.11
Sulphur Dioxide (SO <sub>2</sub> )	CPCB Guidelines, Volume I ,36/2012-13, Page no. 01	µg/cum	80.00	11.58
Oxides of Nitrogen(NO <sub>x</sub> )	CPCB Guidelines, Volume I ,36/2012-13, Page no. 07	µg/cum	80.00	20.34
Remark	<p>➤ NAAQS - National Ambient Air Quality Standards, Central Pollution Control Board Notification, No. B – 29016 / 20 / 90 / PCI – I, New Delhi, the 18th November 2009.</p>			
		<p><i>Hande</i></p> <p>Mr. Vinod Hande (Technical Manager) Reviewed &amp; Authorized By</p>		

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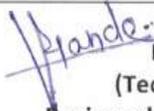
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TEST REPORT				
Test Report No: -	GESEC/PRO/AAQM/2024-2025/02/1518		Report Date	10/02/2025
Sample ID: -	GESEC/PRO/AAQM/2024-2025/02/1518			
Name & Address of the Customer	Minakshi Agro Industries LLP, Plot A 96 MIDC Paithan Industrial area, Mudhalwadi, TQ - Paithan, District - Ch. Sambhaji Nagar (Aurangabad).			
Ambient Air Sample Details				
Type	Sampling Location		Sampling done by	
Ambient Air	Behind Factory		GESEC	
Sampling Time				
Start Time	Stop Time		Total Hrs.	
09:45 AM.	10:45 AM.		60 Min	
Metrological Data/Environmental Conditions				
Ambient Temperature °C	24.0	Wet Bulb Temperature °C	15.0	
Dry Bulb Temperature °C	24.0	Relative Humidity % RH	36.9	
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
04/02/2025	05/02/2025	05/02/2025	10/02/2025	
Name Of Instrument	Fine Particulate Sampler	Date Of Calibration	26/04/2024	
Calibration Certificate No.	107L2/GESEC/Lab/Inst/73	Due Date of Calibration	25/04/2025	
Parameters	Method	Unit	NAAQ Standards	Result
Particulate Matter (PM <sub>10</sub> )	CPCB Guidelines, Volume I, 36/2012-13, Page no. 11	µg/cum	100.00	59.63
Particulate Matter (PM <sub>2.5</sub> )	CPCB Guidelines, Volume I, 36/2012-13, Page no. 15	µg/cum	60.00	22.14
Sulphur Dioxide (SO <sub>2</sub> )	CPCB Guidelines, Volume I, 36/2012-13, Page no. 01	µg/cum	80.00	10.89
Oxides of Nitrogen(NO <sub>x</sub> )	CPCB Guidelines, Volume I, 36/2012-13, Page no. 07	µg/cum	80.00	16.27
<b>Remark</b>				
➤ NAAQS - National Ambient Air Quality Standards, Central Pollution Control Board Notification, No. B - 29016 / 20 / 90 / PCI - I, New Delhi, the 18th November 2009.				
		 <b>Mr. Vinod Hande</b> (Technical Manager) Reviewed & Authorized By		

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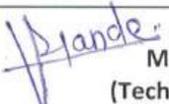
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TEST REPORT				
Test Report No: -	GESEC/PRO/WZM/2024-2025/02/1519	Report Date	10/02/2025	
Sample ID: -	GESEC/PRO/WZM/2024-2025/02/1519			
Name & Address of the Customer	Minakshi Agro Industries LLP, Plot A 96 MIDC Paithan Industrial area, Mudhalwadi, TQ - Paithan, District – Ch. Sambhaji Nagar (Aurangabad).			
WORKZONE AIR QUALITY MONITORING RESULTS				
Type	Sampling Location		Sampling done by	
Work Zone Air	Distillation Section		GESEC	
Sampling Time				
Start Time	Stop Time		Total Hrs.	
10:00 AM.	11:00 AM.		60 Min	
Metrological Data/Environmental Conditions				
Ambient Temperature °C	28.0	Wet Bulb Temperature °C	17.0	
Dry Bulb Temperature °C	28.0	Relative Humidity % RH	31.7	
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
04/02/2025	05/02/2025	05/02/2025	10/02/2025	
Name of Instrument	Handy sampler	Date of Calibration	26/04/2024	
Calibration Certificate No.	220412/GESEC/LAB/INST/100	Due Date of Calibration	25/04/2025	
Parameters	Method	Unit	Limits	Result
Particulate Matter (PM)	GESEC/LAB/SOP/WZM/30	mg/m <sup>3</sup>	10	0.362
Sulphur Dioxide (SO <sub>2</sub> )	GESEC/LAB/SOP/WZM/28	mg/m <sup>3</sup>	5	0.007
Oxides of Nitrogen(NO <sub>x</sub> )	GESEC/LAB/SOP/WZM/29	mg/m <sup>3</sup>	6	0.014
Remark:				
➤ Limits: As per the Second Schedule of Factories Act /OSHA TWA				
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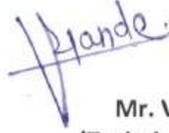
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TEST REPORT				
Test Report No: -	GESEC/PRO/WZM/2024-2025/02/1520		Report Date	10/02/2025
Sample ID: -	GESEC/PRO/WZM/2024-2025/02/1520			
Name & Address of the Customer	Minakshi Agro Industries LLP, Plot A 96 MIDC Paithan Industrial area, Mudhalwadi, TQ - Paithan, District – Ch. Sambhaji Nagar (Aurangabad).			
WORKZONE AIR QUALITY MONITORING RESULTS				
Type	Sampling Location		Sampling was done by	
Work Zone Air	Fermentation Section		GESEC	
Sampling Time				
Start Time	Stop Time		Total Hrs.	
10:15 AM.	11:15 AM.		60 Min	
Metrological Data/Environmental Conditions				
Ambient Temperature °C	28.0	Wet Bulb Temperature °C	17.0	
Dry Bulb Temperature °C	28.0	Relative Humidity % RH	31.7	
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
04/02/2025	05/02/2025	05/02/2025	10/02/2025	
Name Of Instrument	Handy sampler	Date of Calibration	26/04/2024	
Calibration Certificate No.	220413/GESEC/LAB/INST/101	Due Date of Calibration	25/04/2025	
Parameters	Method	Unit	Limits	Result
Particulate Matter (PM)	GESEC/LAB/SOP/WZM/30	mg/m <sup>3</sup>	10	0.328
Sulphur Dioxide (SO <sub>2</sub> )	GESEC/LAB/SOP/WZM/28	mg/m <sup>3</sup>	5	0.006
Oxides of Nitrogen(NO <sub>x</sub> )	GESEC/LAB/SOP/WZM/29	mg/m <sup>3</sup>	6	0.012
<b>Remark:</b>				
➤ Limits: As per Second Schedule of Factories Act /OSHA TWA.				
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Test Report No	GESEC/PRO/ST/2024-2025/02/1521	Report Date	10/02/2025	
Sample ID -	GESEC/PRO/ST/2024-2025/02/1521			
Name & Address of the Customer	Minakshi Agro Industries LLP, Plot A 96 MIDC Paithan Industrial area, Mudhalwadi, TQ - Paithan, District – Ch. Sambhaji Nagar (Aurangabad).			
Sample Details				
Sample collection Date	Sample receipt Date	Analysis start Date	Analysis complete Date	
04/02/2025	05/02/2025	05/02/2025	10/02/2025	
Instrument Details				
Name Of Instrument	Stack Sampler	Date Of Calibration	16/02/2024	
Calibration Certificate No.	58L14/GESEC/LAB/INST/60	Due Date of Calibration	15/02/2025	
Stack Details				
Stack No/ID	Stack Attached to		Sampling done by	
01	Boiler Stack- 16 TPH		GESEC	
Shape	Round	Fuel Used	Coal & Bagasse	
Diameter/ Dimensions ( m)	1.50	Pressure(mm WG)	3.00	
Height (m)	45			
Temperature (°C)	124	Velocity (m/s)	6.55	
Gas Volume (Nm <sup>3</sup> /Hr)	31276.31			
Parameters	Method	Unit	Limit	Result
Total Particulate Matter (TPM)	EPA METHOD 17: 2017	mg/Nm <sup>3</sup>	150	26.35
Sulphur Dioxide (SO <sub>2</sub> )	EPA METHOD 06: 2017	mg/Nm <sup>3</sup>	-	82.76
		Kg/day	-	62.12
Oxides of Nitrogen (NOx)	EPA METHOD 07 E	mg/Nm <sup>3</sup>		39.54
<b>Remarks-</b>				
<ul style="list-style-type: none"> <li>✓ Maharashtra Pollution Control Board (MPCB) Limits: TPM: 150 mg/Nm<sup>3</sup></li> <li>✓ Maharashtra Pollution Control Board (MPCB) Limits: SO<sub>2</sub>: As per consent.</li> </ul>				
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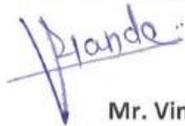
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Test Report No	GESEC/PRO/ST/2024-2025/02/1522	Report Date	10/02/2025	
Sample ID -	GESEC/PRO/ST/2024-2025/02/1522			
Name & Address of the Customer	Minakshi Agro Industries LLP, Plot A 96 MIDC Paithan Industrial area, Mudhalwadi, TQ - Paithan, District - Ch. Sambhaji Nagar (Aurangabad).			
Sample Details				
Sample collection Date	Sample receipt Date	Analysis start Date	Analysis complete Date	
04/02/2025	05/02/2025	05/02/2025	10/02/2025	
Instrument Details				
Name Of Instrument	Stack Sampler	Date Of Calibration	03/08/2024	
Calibration Certificate No.	231018/GESEC/LAB/INST/89	Due Date of Calibration	02/08/2025	
Stack Details				
Stack No/ID	Stack Attached to		Sampling done by	
01	DG Stack- 350 KVA		GESEC	
Shape	Round	Fuel Used	HSD	
Diameter/ Dimensions ( m)	0.1524	Pressure(mm WG)	0.25	
Height (m)	03 ARL			
Temperature (°C)	53	Velocity (m/s)	1.71	
Gas Volume (Nm <sup>3</sup> /Hr)	102.85			
Parameters	Method	Unit	Limit	Result
Total Particulate Matter (TPM)	EPA METHOD 17: 2017	mg/Nm <sup>3</sup>	150	12.36
Sulphur Dioxide (SO <sub>2</sub> )	EPA METHOD 06: 2017	mg/Nm <sup>3</sup>	-	3.78
		Kg/day	-	0.01
Oxides of Nitrogen (NOx)	EPA METHOD 07 E	mg/Nm <sup>3</sup>		9.84
<b>Remarks-</b>				
<ul style="list-style-type: none"> <li>➤ Maharashtra Pollution Control Board (MPCB) Limits: TPM: 150 mg/Nm<sup>3</sup></li> <li>➤ Maharashtra Pollution Control Board (MPCB) Limits: SO<sub>2</sub>: As per consent.</li> </ul>				
		 <b>Mr. Vinod Hande</b> (Technical Manager) Reviewed & Authorized By		

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Recognised by Ministry of Environment and Forests (MoEF) / Central Pollution Control Board Govt. of India (CPCB)  
ISO 9001:2015, ISO 45001 : 2018 and ISO 14001 : 2015 Certified Company

TEST REPORT				
Test Report No: -	GESEC/PRO/ANLM/2024-2025/02/1523	Report Date	10/02/2025	
Sample ID: -	GESEC/PRO/ANLM/2024-2025/02/1523			
Name & Address of the Customer	Minakshi Agro Industries LLP, Plot A 96 MIDC Paithan Industrial area, Mudhalwadi, TQ - Paithan, District - Ch. Sambhaji Nagar (Aurangabad).			
Ambient Noise Sample Details				
Type	Ambient Noise			
Sampling done by	GESEC			
Standard method	As Per IS: 9989:2020			
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
04/02/2025	-	-	--	
Name Of Instrument	Sound Level Meter	Date Of Calibration	16/02/2024	
Calibration Certificate No.	GESEC/LAB/INST/29	Due Date of Calibration	15/02/2025	
Test Location	Unit	Average Noise Level Readings dB(A)		CPCB Standards dB(A)
		Day Time (02:30 PM)	Night Time (10:30 PM)	
Near Main Gate	dB(A)	62.8	57.5	Day time =75 dB (A) Night time=70 dB(A)
Near Behind factory	dB(A)	57.4	55.3	
Near Parking	dB(A)	61.3	56.8	
Near Boiler Stack	dB(A)	63.0	60.1	
Near Administration building	dB(A)	58.2	54.9	
Remark-				
➤ Central Pollution Control Board (CPCB) has prescribed 75 dB (A) as an upper limit of Noise Level during the Day Time & 70 dB (A) during the Night Time.				



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Mr. Vinod Hande  
(Technical Manager)  
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TEST REPORT				
Test Report No: -	GESEC/PRO/WNLM/2024-2025/02/1524		Report Date	10/02/2025
Sample ID: -	GESEC/PRO/WNLM/2024-2025/02/1524			
Name & Address of the Customer	Minakshi Agro Industries LLP, Plot A 96 MIDC Paithan Industrial area, Mudhalwadi, TQ - Paithan, District - Ch. Sambhaji Nagar (Aurangabad).			
Work Zone Noise Sample Details				
Type	Work Zone Noise			
Sampling done by	GESEC			
Standard method	As Per IS: 9989:2020			
Date of Sampling	Sample Receipt Date	Analysis Start Date		Analysis End Date
04/02/2025	-	-		-
Name Of Instrument	Sound Level Meter	Date Of Calibration		16/02/2024
Calibration Certificate No.	GH2482296/GESEC/LAB/INST/59	Due Date of Calibration		15/02/2025
Test Location	Unit	Average Noise Level Readings dB(A)		CPCB Standards dB(A)
		Day Time (03:15 PM)	Night Time (11:30 PM)	
Fermentation Section	dB(A)	69.3	65.4	90
Distillation Section	dB(A)	67.1	63.0	
Boiler Section	dB(A)	82.3	79.8	
ETP Laboratory	dB(A)	61.2	57.3	
Storage Section	dB(A)	63.3	62.0	
<b>Remark-</b>				
<ul style="list-style-type: none"> <li>&gt; The Factories Act, 1948, has prescribed 90 dB (A) as an upper limit of noise level for 8 hours exposure.</li> <li>&gt; All the above results are within Factories Act 1948 Standards.</li> </ul>				



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**TEST REPORT**

Test Report No: GESEC/PRO/WW/2024-2025/02/1525	Report Date	10/02/2025
Sample ID : GESEC/PRO/WW/2024-2025/02/1525	Sample Details	ETP Outlet
Name & Address of the Customer: Minakshi Agro Industries LLP, Plot A 96 MIDC Paithan Industrial area, Mudhalwadi, TQ - Paithan, District – Ch. Sambhaji Nagar (Aurangabad).	Type of Sample	Waste Water
	Volume Of Sample	1 Lit plastic bottle
	Sample Status	Sealed
	Sample Collected By	GESEC
	Date of Sample Collection	04/02/2025
	Sample Receipt Date	05/02/2025
	Analysis start Date	05/02/2025
	Analysis End Date	10/02/2025

Parameters	Results	MPCB LIMIT	Unit	Standard Method
pH	7.43	6.5-8.5	--	APHA 4500 H+ B 24 th Edition:2023
Suspended Solids (SS)	44.20	100	mg/lit	APHA 2540 D 24 th Edition:2023
Total Dissolved Solids (TDS)	578.46	2100	mg/lit	APHA 2540 C 24 th Edition:2023
Chemical Oxygen Demand (COD)	63.02	250	mg/lit	USEPA 410.1
Biochemical Oxygen Demand (BOD)	22.15	100	mg/lit	USEPA NERL 405.1
Chlorides as Cl-	163.00	600	mg/lit	APHA 4500-Cl-B 24 th Edition:2023
Sulphates as SO <sub>4</sub> <sup>2-</sup>	104.97	1000	mg/lit	APHA 4500-SO4 E 24 th Edition:2023
Oil & Grease	<5	10	mg/lit	APHA 5520 D 24 th Edition:2023

Remark(s):  
➤ All parameters are within the MPCB limit.



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TEST REPORT		
Test Report No - GESEC/PRO/GW/2024-25/02/1526	Date of Report	10/02/2025
Sample ID - GESEC/PRO/GW/2024-25/02/1526	Sample Details	Water
Name & Address of the Customer - Minakshi Agro Industries LLP, Plot A 96 MIDC Paithan Industrial area, Mudhalwadi, TQ - Paithan, District - Ch. Sambhaji Nagar (Aurangabad).	Type of Sample	Ground Water
	Volume Of Sample	2 Lit
	Sample Status	Sealed
	Sample Collected By	GESEC
	Date of Sample Collection	04/02/2025
	Date of Sample received in the lab	05/02/2025
	Analysis start Date	05/02/2025
	Analysis End Date	10/02/2025

WATER ANALYSIS REPORT			
Parameter	Result	Unit(s)	Standard Method
Color	Clear	--	APHA 2120 B 24th Edition:2023
Odor	Odor free	--	APHA 2150 24 th Edition:2023
pH	7.38	--	APHA 4500 H+,B, 24 <sup>th</sup> Edition 2023
Turbidity	BDL	NTU	APHA 2130 B,24 <sup>th</sup> Edition 2023
TDS	210.45	mg/lit	APHA 2540 C,24 <sup>th</sup> Edition 2023
Conductivity	314.10	µS/cm	APHA 2510 B 24 th Edition:2023
Chemical Oxygen Demand (COD)	8.07	mg/lit	USEPA 410.1
Biochemical Oxygen Demand (BOD)	BDL	mg/lit	USEPA NERL 405.1
Calcium as Ca	23.65	mg/lit	APHA 3500-Ca B 24 th Edition:2023
Magnesium as Mg	8.41	mg/lit	APHA 3500 -Mg B 24 <sup>th</sup> Edition: 2023
Total Hardness	93.69	mg/lit	APHA 2340 C,24 <sup>th</sup> Edition 2023
Total Alkalinity	41.36	mg/lit	APHA 2320 B,24 <sup>th</sup> Edition 2023
Sulphate	15.61	mg/lit	APHA 4500-SO-4 - E 24 <sup>th</sup> Edition 2023
Chloride	32.02	mg/lit	APHA 4500-Cl-B 24 <sup>th</sup> Edition:2023
Potassium as K	2.95	mg/lit	APHA 3550 K B : 24 th Edition:2023

**Remark(s):**

➤ BDL – Below Detectable Limit.



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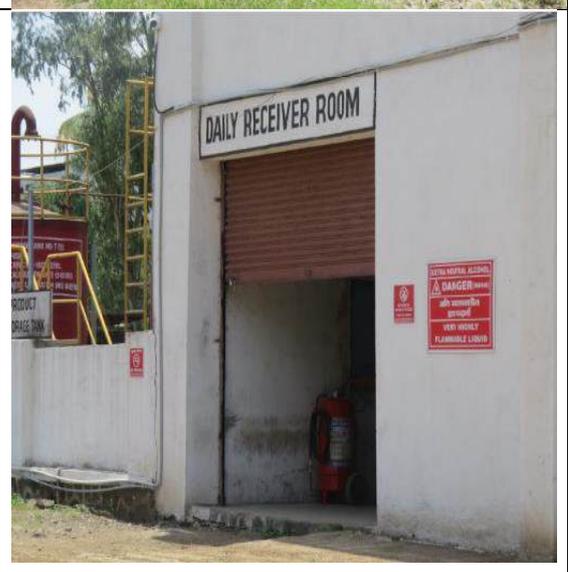


# Annexure-IV Occupation health centre





# Annexure-V Firefighting details



# MAHARASHTRA INDUSTRIAL DEVELOPMENT CORPORATION

(A Government of Maharashtra Undertaking)

**HEAD OFFICE** : "Udyog Sarthi", Mahakali Caves Road,  
Andheri (E), Mumbai – 400 093.  
Tele: (022) 26870052/54/27/73 Fax : (022) 26871587  
**PRINCIPAL OFFICE** : 4,4 (A), 12<sup>th</sup> Floor, World Trade Centre, Complex-1,  
Cuffe Parade, Mumbai – 400 005  
Tele : (022) 22151451/52/53 Fax : (022) 22188203



No. MIDC/Fire/P436094  
Date: 25-03-2025.

**M/s. MINAKSHI AGRO INDUSTRIES LLP**

Plot No: A-96

MIDC Paithan (Growth Center)

Dist: Chhatrapati Sambhajanagar

**Sub: Grant of "Provisional No-Objection Certificate" Revised for Industrial Building on A-96 at MIDC, Paithan ( Growth Center).**

Ref: Your application in vide no SWC/113/521/20250217/1035420

Dear Sir,

This has reference to the above this office has "No Objection (Provisional)" for your proposed construction / addition and alteration on Plot No: A-96 at MIDC, Paithan (Growth Center). The details of the constructions as per the drawing submitted by you are as mapped under your BPAMS application. The Plot Area of the co. is 110439 Sq mtr. The existing built up area is (Approved / Existing BUA) 11107.51 Sq. Mtr. and the proposed built up area is 33072.00 Sq. Mtr. The height of the tallest proposed structure is 6.9 mtr. The area wise details of each floor are as under:

**Building : A (BUILDING)**

Floor Name	Proposed FSI Area	Terrace	Stair	Lift	Duct(Void, V Shaft, Chowk)
	Ind.				
Ground Floor...	33072.000	0.000	0.000	0.000	0.000
<b>Total :</b>	<b>33072.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>Total Number of Same Buildings :</b>	<b>1</b>				
<b>Grand Total :</b>	<b>33072.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

- The occupant load in above buildings should not exceed in any case as prescribed in Table – 3 of National Building Code 2016, part IV.

*This N.O.C. is valid subject to fulfillment of the following conditions:*

1. The plans of the proposed construction (adhering to the D.C. Rules of MIDC & National Building Code-2016 where necessary,) should be approved by the Executive Engineer, MIDC, Division Chhatrapati Sambhajanagar (Civil), (Special Planning Authority).

2. **The Drainage completion certificate & Occupation certificate should be obtained from Executive Engineer, MIDC, Chhatrapati Sambhajnagar (Civil). The B.C.C. & D.C.C. shall be issued subject to "Final NO-Objection Certificate" from fire department.**
3. **Under Section 3 of Maharashtra Fire Prevention and Life Safety Measures Act, 2006 (hereinafter referred to as "said Act")**  
The applicant (developer, owner, occupier by whatever name called) shall comply with all the Fire and Life Safety measures adhering to National Building Code of India, 2016 and as amended from time to time failing which it shall be treated as a violation of the said Act.
4. **As per the provision as under: - 10 of the said Act.** No person other than the License Agency shall carry out the work of providing Fire Prevention and Life Safety Measures or performing. Such other related activities required to be carried out in any place or building or part thereof:  
A list of License Agency is available on Maharashtra Fire Services website [www.mahafireservice.gov.in](http://www.mahafireservice.gov.in). It is mandatory to submit fire prevention and fire protection drawings prepared by License Agency. The same should be got approved from fire department.  
No Licensed Agency or any other person claiming to be such Licensed Agency shall give a certificate under sub-section (3) of section 3 regarding the compliance of the fire prevention and life safety measures or maintenance thereof in good repair and efficient condition, without there being actual such compliance or maintenance.
5. **Under Section 11 of the said Act,** the fire service fees shall be assessed and the same shall be payable after serving the notice to that effect or prior to issue of the building completion certificate or occupancy certificate whichever is earlier.
6. **Under Section 45 of the said Act,** the owner/occupier or developer shall appoint Fire Officer/Officers and staff for taking adequate Fire and Life Safety Measures, qualifications and experience of such persons be got approved from the Director, Maharashtra Fire Services.
7. Though certain conditions are stipulated from the said Act and the National Building Code of India, it is obligatory on part of the applicant that is developer, builder, occupier, owner, tenant, by what so ever named called to abide with the provisions of the said Act failing which it shall be actionable under the provisions of said act.
8. Emergency Telephone numbers like "Police", "Fire Brigade", "Hospital", "Doctors", and "Responsible persons of the company" should be displayed in security cabin & office of the Company.
9. Proper roads in the premises should be provided for easy mobility of the Fire Brigade Appliance & Marginal spaces around the building should be kept free from obstructions & open to sky at all the time. Minimum marginal spaces should be confirming with **Table No.10 of D.C. Rules of MIDC, 2009.** The load bearing capacity of internal roads shall not be less than **45 Tons.**
10. All portable fire fighting equipments installed at various locations as per local hazard such as Co2-ABC, Foam, Fire buckets should be strictly as per and confirming to **IS: 15683/2006.**

11. All the fire fighting equipments shall be well maintained and should be easily accessible in case of emergency.
12. It shall be ensured that security staff & every employee of the Company are trained in handling fire fighting equipments & fire fighting.
13. "Fire Extinguisher", "Fire Bucket" "Danger" "No Smoking" caution boards should be displayed at the places physically shown & the caution boards should be easily visible from a distance.
14. The house keeping shall be well maintained within the entire factory area.
15. The Fire Safety requirements of IS 3594 i.e. Code of Practice for fire safety of industrial buildings: General storage and warehousing including cold storage shall be followed.
16. In future if the Company intends to carry out any expansion of the building, an approval of this department must be obtained before commencing proposed construction.
17. Code of practice for Fire Safety Buildings IS-1642- for Details of Construction.
18. Code of Practice of Fire Safety of Buildings IS-1643- Exposure Hazard.
19. Code of Practice of Fire Safety of Buildings IS-1644 - Exit requirement and Personal Hazard.
20. In future if the Company intends to carry out any expansion of the building, an approval of this department must be obtained before commencing proposed construction.
21. You are hereby informed that the proposed building or part of building or floor or part of floor shall not be occupied without obtaining "Final No Objection Certificate" from this office and without obtaining "Occupation certificate" from concerned Special Planning Authority of MIDC falling which you will be fully responsible for consequences, if any, which may please be noted.
22. The Final NOC for the above buildings will be issued after satisfactory installation of Fire Prevention & Fire Protection arrangement. These buildings should not be occupied without obtaining Final NOC form this Dept. & OC from this SPA, MIDC, falling which you will be solely responsible for the consequences, if any

**REQUIREMENT AND PROVISION: - The following Fire Protection System is required for the fire safety of the building:-**

Sr.No	Fire Fighting Installation	Requirements	Provislon	Remarks
1	Portable Fire Extinguishers	Required in all buildings on each floor.	IS: 15683 & 2190.	Portable Fire Extinguishers should be installed confirming to IS 15683 & Other I.S. codes.

2	Hose Reel	Required at prominent places.	At Various strategic Locations	On each floor in the staircase landing for Fire Fighting. The first aid hose reel shall be connected directly to riser/down comer main and diameter of the hose reel shall not be less than 19mm <b>confirming to IS 884:1985</b>
3	Yard Hydrant or Ring hydrant system around the building	<b>Required around the proposed building.</b>	Fire Brigade Inlet connection should be provided. Hydrant points should be provided with 2 Nos. of Delivery Hose confirming to IS-636 along with Standard Branch (Universal) confirming to IS-2871. <b>The distance between 2 Hydrants should not be more than 30 Mtrs. The guidelines should be followed as per IS 3844:1989 &amp; IS 13039:2012.</b>	
4	Manually Operated Fire Alarm System	<b>Required In entire building</b>	At every floor on strategic location	Manually Operated Fire Alarm should be provided; it should be connected to alternate power supply.
5	Underground Static Storage Tank	<b>Required 200000 liters</b>		This water storage should be exclusively for FireFighting.
6	Fire Pump	<b>2 Nos. 2850 LPM electrical driven main pumps</b> <b>1 No. 2850 LPM Diesel driven stand by pump</b> <b>2 Nos. 180 LPM electric driven jockey pumps</b>		<b>Fire Fighting Pumps Shall be Well maintained.</b> <b>A Separate arrangement of pumping should be done for sprinkler system.</b> <b>All the fire pumps must be centrifugalpumps only</b>
7	<b>Automatic smoke Detection System &amp; Fire alarm system.</b>	Required In entire building at all floors (If false ceiling voids exceeding 800mm of height above false Detection System should be provided)		<b>Automatic Smoke Detection system should be provided. Standards and guidelines given in IS-11360-1985 specification for Smoke Detectors for use in Automatic Electrical Fire Alarm system &amp; IS 2189:2008 Selection, Installation and Maintenance of Automatic Fire-Detection and Alarm System should be followed.</b>

8	<b>Automatic Sprinkler System.</b>	Required in entire building at all floors and Fire Pump Room (If false ceiling voids exceeding 800mm of height above false ceiling sprinkler should be provided)	Separate pumping arrangement should be provided for the sprinkler system. Guidelines are given in IS 15105 Design and installation of Fixed Automatic sprinkler fire Extinguishing system. In- Rack sprinkler system should be provided for rack storage in Storage area having stacking height above 4 mtrs.
9	AFF Foam Compound with Foam Branch	Required 500 liters.	Should be provided confirming to IS-4989-2004 & IS-2097-1983 for Foam Branch for the proposed Storage Shed and Tank Farm Area.
10	Sign Indicators for all firesafety, safe evacuation of occupants in case of emergency signs	Required at Prominent Places.	Sign indicators should be provided at prominent places as per the guidelines given in IS:9457 for Safety color and Safety IS:12349 for Fire Protection Safety Signs IS:12407 for Graphics symbols for Fire Protection Plan.
11	Fire Brigade Connection- For Static Water Tank and For Hydrant System	Required at the Main Gate and on fire water tank	

#### **EXIT REQUIREMENT:**

1. An exit may be doorway, corridor, Passageway(s) to an internal staircase, or external staircase, or to a verandah or terrace(s), which have access to the street, or to the roof of a building or a refuge area. An exit may also include a horizontal exit landing to an adjoining building at the same level.
2. Every exit, exit access or exit discharge shall be continuously maintained free of all obstructions or impediments to full use in the case of fire or other emergency
3. Exits shall be clearly visible and the route to reach the exits shall be clearly marked and signs posted to guide the occupants of the floor concerned. Signs shall be illuminated and wired to an independent electric circuit on an alternative source of supply.
4. To prevent spread of fire and smoke, fire doors with 2 hours fire resistance shall be provided at appropriate places along the escape routes and particularly at the entrance to lift lobby and stair well where a „funnel or flue

- effect" may be created inducing an upward spread of fire.
5. All exits shall provide continuous means of egress to the exterior of a building or to an exterior open spaces leading to the street.
  6. Exits shall be so arranged that they may be reached without passing through another occupied unit.

#### **GUIDELINES FOR PLANT AREA:**

- Portable fire fighting equipments should be installed at various locations as shown at the time of inspection, such as Co2-DCP, Foam, Fire buckets should be strictly confirming to relevant IS specification. All the fire fighting equipments shall be well maintained and should be easily accessible in case of emergency.
- "Fire Extinguisher", "Fire Bucket" "Danger" "No Smoking" caution boards should be displayed at the places physically shown & the caution boards should be easily visible and as per the guidellnes given in IS:9457, IS:12349 and IS:12407,
- The house keeping shall be well maintained within the entire plant area.

#### **GUIDELINES FOR RAW MATERIAL STORE/GODOWN : -**

1. The storage in godown should be in a systematic way proper roads should be marked by "Yellow" colour & should be kept free of obstruction all the time.
2. The maximum stacking height should be marked on the walls in RED colour. The stacking height should not be more than the red line. **Red line should be marked on 1.5 mtrs. from lowest roof level.**
3. All electrical fitting, fixtures should be flameproof & confirming to relevant IS. **All electrical wiring, fitting & fixture should be above the red line (stacking limit line)**
4. The indication mark like Exits, Fire Escape, etc. should be prominently marked with florescent paint so that it can be seen in darkness.

#### **SOLVENT TANK FARM AREA:**

- a) All tapings, joints should be well maintained to avoid any leakage/seepage, all electrical motors, fittings should be flame proof & confirming to relevant IS.
- b) All electrical fittings, fixtures & loading/unloading pumps must be strictly flame proof & must be confirming to relevant IS specifications.
- c) **The tankers entering in to loading / unloading shall be provided with spark arrester on the silencer and proper earthening facility shall be provided to the tanker while loading/unloading. The water spray system shall be provided to loading / unloading platform.**
- d) Manually operated fire alarm system shall be provided to the yard., detection system must be provided in yard & loading/unloading platform.

- e) Proper earthing shall be provided to bullets, pipelines, loading / unloading gadgets to dissipate the static current generated during the transportation of hydrocarbons.
- f) The dike wall should be constructed around the tank farm area. The wall must have 4 hrs. fire resistant. The height of dike wall should be 1.5 mtrs. & **Should be capable to hold 75% material of biggest tank in tank farm area.**
- g) **The design, construction and installation of the storage tanks should be as per the norms laid down by Chief Controller of Explosive.**
- h) The gate shall be painted in "RED" colour & it shall be kept always in locked position to avoid the entry of unauthorized person. The key of the yard shall be kept with responsible person of the Company. **Caution boards like "Danger", "No smoking" shall be displayed on the gate of yard.**
- i) The surface of the tank farm area should be made up surface & no grass or shrubs shall be allowed to grow within the tank farm area.
- j) **Diagonally opposite Ground Monitor should be provided near Tank farm as suggested at the time of inspection.**
- k) The lightning arrester should be installed on the highest place within tank farm area. The earthing of lightning arrester should be done as per relevant standards.
- l) **Trolley mounted portable foam monitors 2 nos. shall be provided near tank farm area & AFFF foam compound, 500 ltrs. Shall be provided near tank farm area to use in case of emergency.**
- m) **In addition to above all conditions/provisions mentioned in Petroleum Act 1934 and Rules 1976 shall be strictly adhered.**

### **COMPARTMENTATION :-**

#### **General –**

- a) It is important to limit the spread of fire in any building. The usual method is to use fire barriers. In some instances these barriers need to be penetrated for ductwork, plumbing and electrical systems, and in such cases, use of passive fire protection measures shall be done so that the integrity of these barriers is not compromised.
- b) Floor(s) shall be compartmented with area as given below.  
All floors shall be compartmented/ zoned with area of each compartment being not more than 750 m<sup>2</sup>. The maximum size of the compartment shall be as follows, in case of sprinklered basement/building:

Sr. No.	Use	Compartmentation Area m <sup>2</sup>
(1)	(2)	(3)
i)	Basement car parking	3000
ii)	Basement (other than car parking)	2000

iii)	Institutional Buildings: Subdivision C-1	1800
iv)	Institutional Buildings: Subdivision C-2 and C-3	1125
v)	Mercantile and assembly buildings	2000
vi)	Business buildings	3000
vii)	All other buildings (Excluding low hazard and moderate hazard industrial buildings and storage buildings) <sup>1)</sup>	750
<sup>1)</sup> Compartmentation for low hazard and moderate hazard industrial buildings and storage buildings shall be done in consultation with local fire department.		

In addition, there shall be requirement of a minimum of two compartments if the floor plate size is equal or less than the areas mentioned above. However, such requirement of minimum two compartments shall not be required, if the floor plate is less than 750 m<sup>2</sup>. Compartmentation shall be achieved by means of fire barrier having fire resistance rating of 120 min.

### **ELECTRICAL SERVICES:**

- 1) For the requirements regarding installations from the point of view of Fire Safety, guidelines should be followed as mentioned in **IS Standard :1646 Code of practice for Fire safety Buildings : Electrical Installations.**
- 2) The electric distribution cables/wiring shall be laid in separate duct. The duct shall be sealed at every alternate floor with non-combustible materials having same fire resistance as that of the duct.
- 3) **Water mains, telephone lines, intercom lines, gas pipes or any other service lines shall not be laid in the duct of electric cables.**
- 4) Separate circuits for water pumps, staircase & corridor lighting shall be provided directly from the main switch gear panel and these circuits shall be laid in separate conduit pipes so that fire in one circuit will not affect the others.
- 5) The inspection panel doors and any other opening in the shaft shall be provided with **air tight doors having fire resistance of not less than 2hrs.**
- 6) Medium & low voltage wiring running in shaft and within fall ceiling shall run in metal conduit. Any 230 Volt wiring for lighting or other services, above false ceiling, shall have 660 Volt grade insulation. The false ceiling including all fixtures for its suspension, shall be of non-combustible material and shall provide adequate fire resistance to the ceiling in order to prevent spread of fire across ceiling.
- 7) An independent & well-ventilated service room shall be provided on the ground floor with direct access from outside or from the corridor for the purpose of 17 termination of electric supply. **The doors provided for the service room shall have fire resistance of not less than two hours.** If service room is located at the first basement, it should have automatic fire extinguishing system. Suitable circuit breakers shall be provided at the appropriate points.

## GUIDELINES FOR FIREFIGHTING PUMP HOUSE

The requirements shall be as given below:

1. It is preferable to install the pump house at ground level. Pump house shall be situated so as to be directly accessible from the surrounding ground level.
2. Pump house shall be installed not lower than the second basement. When installed in the basement, staircase with direct accessibility (or through enclosed passageway with 120 min fire rating) from the ground, shall be provided. Access to the pump room shall not require to negotiate through other occupancies within the basement.
3. Pump house shall be separated by fire walls all around and doors shall be protected by fire doors (120 min rating).
4. Pump house shall be well ventilated and due care shall be taken to avoid waterstagnation.
5. No other utility equipment shall be installed inside fire pump room.
6. Insertions like flexible couplings, bellows, etc, in the suction and delivery piping shall be suitably planned and installed.
7. Installation of negative suction arrangement and submersible pumps shall not be allowed.
8. Pump house shall be sufficiently large to accommodate all pumps, and their accessories like PRVs, installation control valve, valves, diesel tank and electrical panel.
9. Battery of diesel engine operated fire pump shall have separate charger from emergency power supply circuit.
10. Exhaust pipe of diesel engine shall be insulated as per best engineering practice and taken to a safe location at ground level, considering the back pressure.
11. Fire pumps shall be provided with soft starter or variable frequency drive starter.

In addition to the above, all provision under the D.C. Rules of MIDC and N.B.C. shall be strictly adhered, also if any change in activity or Proposed expansion or Subletting of Plot or Transfer of Plot, NOC from this department is essential.

This is a "Provisional No-Objection Certificate", which shall be treated valid for the period of one year from the date of issue and it is your responsibility to get the same renewed. After compliance to all above recommendation the inspection of the same will be carried out by the representative of this office & after satisfactory inspection "Final No-Objection Certificate" may be issued.

Details of "Fire & Emergency Service Fee" as per New circular No. MIDC/Fire Dept/P-82144 Date-13.09.2023 are as follows.

Particulars	Total Amount	Advance "Fire Protection Fund fees" paid by <u>M/s. MINAKSHI AGRO INDUSTRIES LLP.</u> Vide receipt no MCH/1467/2025 Dt 03/01/2025 ERP Voucher No. GL25569755	Balance "Fire & Emergency fees" needs to be recovered by SPA
(i)	(ii)	(iii)	(iv)
"Fire & Emergency Service fee"	5402311	0	5402311
<b>Total</b>	<b>5402311</b>	<b>0</b>	<b>5402311</b>

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and in the interest of the protection of the company.

Thanking you.

Yours faithfully,

SANTOSH  
SHRIDHAR  
WARICK

Digitally signed by  
SANTOSH SHRIDHAR  
WARICK  
Date: 2025.03.25  
11:00:24 +05'30'

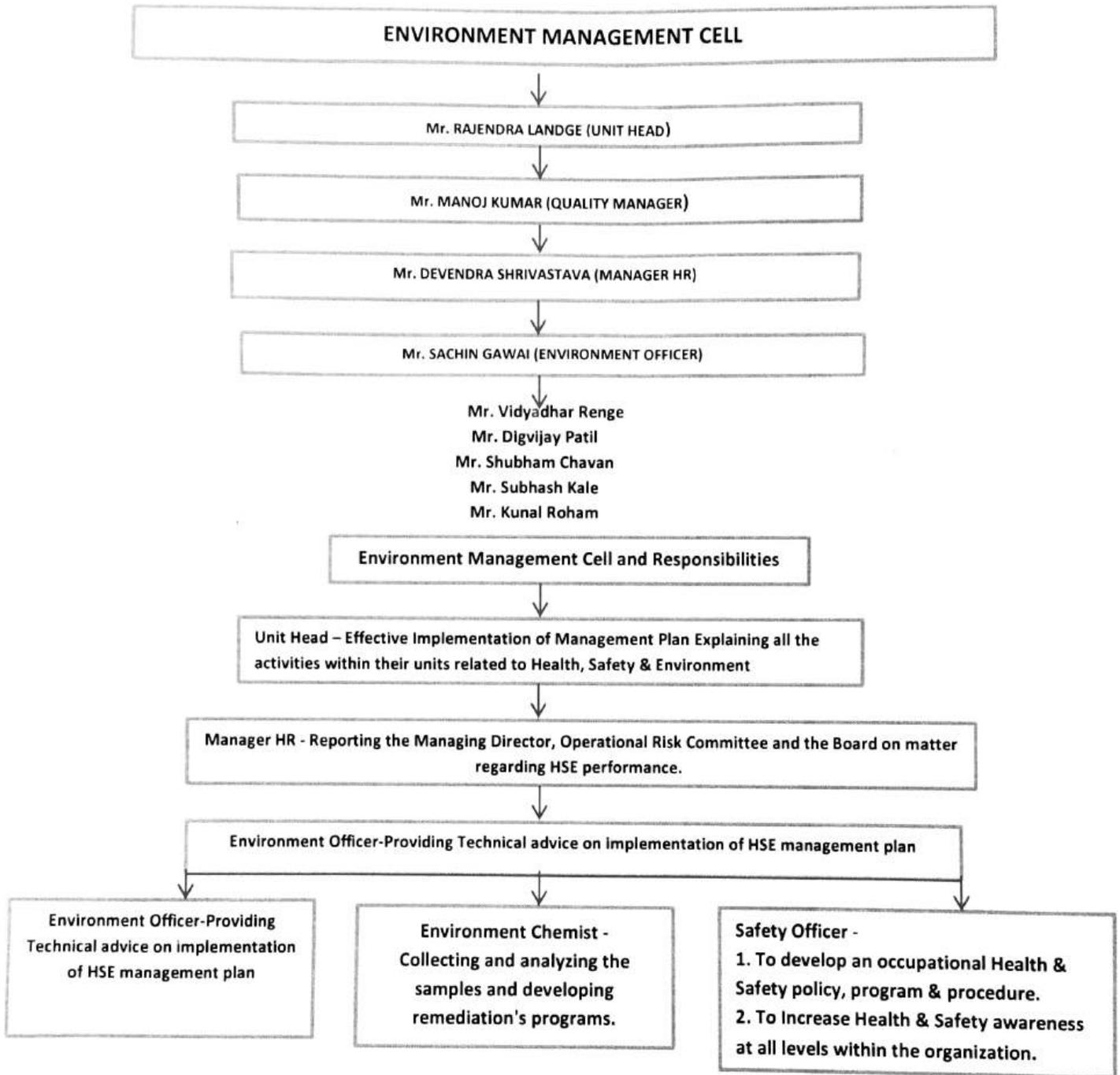
(S.S.Warick)

Chief Fire Officer & Fire Advisor,  
MIDC, Mumbai 93.

Copy to SPA Division Chhatrapati Sambhajnagar (Civil), for information. He is requested to recover the Balance fees mentioned in column no. (iv) of above table before issuing work commencement certificate/plan approval.

# MINAKSHI AGRO INDUSTRIES LLP

Annexure-VI  
EMC Cell



For Minakshi Agro Industries LLP.

Mr. Rajendra Landge

(Unit Head)



# ग्रामसंसद कार्यालय, मुधलवाडी



स्थापना : १९९२

ता.पैठण, जि.औरंगाबाद.

सरपंच

उपसरपंच

ग्रामविकास अधिकारी

श्री.काकासाहेब बाबासाहेब बर्वे

सौ.कल्पनाताई कैलास मदन

श्री.अशोक आहरे

मो.८३७८८७२५००

मो.९०९९३९९२३५

मो.९८८९०९३९९९

सन्माननीय सदस्य

दि. 17/11/2022

श्री.मथुराबाई आसाराम जाधव



श्री.सुशिलकुमार बाबासाहेब बोडखे



श्री.भरत साहेबराव मुकुटमल



सौ.स्वाती गणेश लबडे



सौ.मुक्ताबाई प्रकाश लबडे



श्री.अनिल गुलाबराव रोडे



सौ.पुष्पाताई मधुकर गव्हाणे



श्री.पोपटकुमार देवराव टाकणे



सौ.मालती अशोक गायकवाड



सौ.स्वाती संतोष घुले



सौ.ललिता वामनराव सावंत



श्री.जावेद मुन्शी कुरेशी



ना-इवकत समाजपत्र

समाहित करणात येते की, माझे वधूत  
ता. पैठण जि. औरंगाबाद अंतर्गत  
जैनाच्या M.S.D.C. मुधलवाडी येथील  
अप्रीत कॉ.नं. A-96 मध्ये 'मिनाश्री  
ऑगो इंडस्ट्रिज LLP' या नावाने नविन  
व्यवसाय करणाऱ्या संस्थेची कार्यालय  
इवकत नाही.

करिना ना-इवकत समाजपत्र देण्यात ये

ग्रामविकास अधिकारी  
ग्राम पंचायत कार्यालय मुधलवाडी  
ता. पैठण जि. औरंगाबाद

17/11/22



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## Annexure-VIII Form-V

### FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2024

**Unique Application Number**

MPCB-ENVIRONMENT\_STATEMENT-0000068294

**Submitted Date**

18-08-2024

### PART A

#### Company Information

**Company Name**

. Minakshi Agro Industries  
LLP.(Formerly Known as M/s.  
Morya Grain Distillery Pvt. Ltd),

**Application UAN number**

0000149623

**Address**

MIDC Paithan, Mudhal Wadi,  
Paithan Road.

**Plot no**

Plot No- A96

**Taluka**

Paithan

**Village**

Mudhal Wadi

**Capital Investment (In lakhs)**

40.009

**Scale**

LSI

**City**

Aurangabad

**Pincode**

431107

**Person Name**

Balaji Shivdas Pawar

**Designation**

MD

**Telephone Number**

9168274999

**Fax Number**

0

**Email**

minakshiagro1993@gmail.com

**Region**

SRO-Chhatrapati Sambhajinagar I

**Industry Category**

Red

**Industry Type**

R60 Distillery ( molasses / grain /yeast based)

**Last Environmental statement submitted online**

no

**Consent Number**

Format1.0/JD (WPC)/UAN  
No.MPCBCONSENT-0000149623/CR/2303001191

**Consent Issue Date**

2023-03-16

**Consent Valid Upto**

2026-07-21

**Establishment Year**

2022

**Date of last environment statement submitted**

Feb 8 2023 12:00:00:000AM

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

#### Product Information

**Product Name**

Rectified Spirit or Extra Neutral Alcohol

**Consent Quantity**

720

**Actual Quantity**

720

**UOM**

Fusel Oil

3

3

DDGS

660

660

#### By-product Information

<b>By Product Name</b>	<b>Consent Quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
NO	0.0	0.0	

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

### 1) Water Consumption in m3/day

<b>Water Consumption for Process</b>	<b>Consent Quantity in m3/day</b>	<b>Actual Quantity in m3/day</b>
<b>Cooling</b>	4.00	3.00
<b>Domestic</b>	2.00	2.00
<b>All others</b>	0.00	0.00
<b>Total</b>	500.00	470.00

### 2) Effluent Generation in CMD / MLD

<b>Particulars</b>	<b>Consent Quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
Trade effluent	395.2	373	CMD

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

<b>Name of Products (Production)</b>	<b>During the Previous financial Year</b>	<b>During the current Financial year</b>	<b>UOM</b>
Rectified Spirit or Extra Neutral Alcohol	00	400	CMD
Fusel Oil	0.0	60	CMD
DDGS	0.0	8	CMD

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

<b>Name of Raw Materials</b>	<b>During the Previous financial Year</b>	<b>During the current Financial year</b>	<b>UOM</b>
Corn	0.0	170	
Jawar	0.0	140	
Bajra	0.0	130	
Broken Rice	0.0	110	

### 4) Fuel Consumption

<b>Fuel Name</b>	<b>Consent quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
Coal or Bagasse	4000	3500	

## Part-C

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

#### [A] Water

<b>Pollutants Detail</b>	<b>Quantity of Pollutants discharged (kL/day)</b>	<b>Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour</b>	<b>Percentage of variation from prescribed standards with reasons</b>	<b>Standard</b>	<b>Reason</b>
	<b>Quantity</b>	<b>Concentration</b>	<b>%variation</b>		
pH	0.0	7.5	0	6.5 to 8.5	Adquat Trtmnt Facility
Oil and Grease	2.5	7	30	10	Adquat Trtmnt Facility
BOD	28	80	20	100	Adquat Trtmnt Facility

COD	70	190	5	250	Adquat Trtmnt Facility
TSS	25.5	70	30	100	Adquat Trtmnt Facility
TDS	400	1100	45	2100	Adquat Trtmnt Facility
Sulphate	146	400	60	1000	Adquat Trtmnt Facility
Chloride	110	300	50	600	Adquat Trtmnt Facility

**[B] Air (Stack)**

<b>Pollutants Detail</b>	<b>Quantity of Pollutants discharged (kL/day)</b>	<b>Concentration of Pollutants discharged(Mg/NM3)</b>	<b>Percentage of variation from prescribed standards with reasons</b>	<b>Standard</b>	<b>Reason</b>
	<b>Quantity</b>	<b>Concentration</b>	<b>%variation</b>		
Particulate Matter	9.0	100	35	150	Adequat Treatment Facility

**Part-D**

**HAZARDOUS WASTES**

**1) From Process**

<b>Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
0	0.0	0.0	

**2) From Pollution Control Facilities**

<b>Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
0	0.0	0.0	

**Part-E**

**SOLID WASTES**

**1) From Process**

<b>Non Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
NO	0.0	0.0	Kg

**2) From Pollution Control Facilities**

<b>Non Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
ETP Sludge	0.0	180	Kg/Annum

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

<b>Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
0	0.0	0.0	Kg

**Part-F**

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

**1) Hazardous Waste**

<b>Type of Hazardous Waste Generated</b>	<b>Qty of Hazardous Waste</b>	<b>UOM</b>	<b>Concentration of Hazardous Waste</b>
0	0.0		0.0

## 2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
NO	0.0	Kg	0.0

## Part-G

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

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
Effluent Treatment Plant operation and maintenance	40	0.50	00	0.5	40	6

## Part-H

### Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.

#### [A] Investment made during the period of Environmental Statement

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Waste water treatment process	ETP operation and Maintenance	600000

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

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Waste water treatment process	ETP operation and Maintenance	600000

## Part-I

### Any other particulars for improving the quality of the environment.

#### Particulars

NO

#### Name & Designation

Balaji Shivdas Pawar

#### UAN No:

MPCB-ENVIRONMENT\_STATEMENT-0000068294

#### Submitted On:

18-08-2024