LOKMANGAL MAULI INDUSTRIES LTD.
CIN : U15421PN2007PLC130585

Lokmangal
SUCCESS THROUGH TOTAL DEDICATION

Ref.No. LMIL/Enviro-Dep/2023-2024/000527 Date: 30/12/2023

To,

Additional Principal Chief Conservator of Forests (C),
Ministry of Environment, Forest and Climate Change,
Regional Office (WCZ), Ground Floor, East Wing,
New Secretariat Building Civil Lines,
Nagpur-440001

Ref.: Environmental Clearance letter vide no SEAC-2013/C.R.538/TC-II dated 11/06/2014 & F. No. J-13012/02/2012-IA.II(T) dated 25/02/2014

Subject: Submission of half yearly post environment clearance compliance report for period of June 2023 to Nov 2023.

Respected Sir,

With reference to above cited subject here we are submitting half yearly post environment compliance report for period of June 2023 to Nov 2023 as per EIA notification 2006 &conditions given in EC letter as given in reference for our 6000 TCD sugar unit & Cogeneration of 30 MW by M/s Lokmangal Mauli Industries Ltd., At Village- Lohara Khurd, Tal- Lohara, and Dist- Osmanabad, State: Maharashtra.

All necessary documents are enclosed as annexure for your ready reference. Also we have sent soft copy of documents on apccfcentral-ngp-mef@gov.in.

Please receipt the acknowledgement for our reference.

Thanking you.

Yours faithfully,
For Lokmangal Mauli Industries Ltd.,

Manager Environment

Copy to: - SRO, MPCB, Latur

Lokmangal Mauli Industries Ltd.

Factory : A/p Lohara (kh) - Khed, Tal. Lohara, Dist. Osmanabad - 413 608.
Regd. Off. : Lokmangal House, 8536 A/11, Murarji Peth, Near Old Poona Naka, Solapur - 413 001.
Tel: + 91 217 2735517/18 | Fax: + 91 217 2735619 | Email: contact@lokmangalgroup.com | www.lokmangal.com

HALF YEARLY COMPLIANCE REPORT AGAINST ENVIRONMENTAL CLEARANCE FOR PERIOD JUN 2023 TO NOVEMBER 2023

LOKMANGAL MAULI IND. LTD. LOHARA KHURD		
COMPLIANCES AGAINST ENVIRONMENTAL CLEARANCE SEAC-2013/C.R.538/TC-II dated 11/06/2014		
S.N.	**SPECIFIC CONDITIONS**	**COMPLIANCE STATUS**
i	No additional land shall be used / accrued for any activity of the project without obtaining proper permission	No additional land used.
ii	For controlling fugitive natural dust regular sprinkling of water and wind shield at appropriate distance in vulnerable area of the plant shall be insured	Yes. It is being practiced.
iii	Regular monitoring of the air quality including SPM NOX So2 level both in work zone and ambient air shall be carried out in and around the power plant record shall be maintained the location of monitoring station and frequency of monitoring shall be decided in consultation with MPCB and submitted report accordingly to MPCB	Monitoring is done for Ambient Air quality including SPM and NOx & SO2. Annexure I
iv	Necessary arrangement shall be made to adequate safety and ventilation arrangement in furnace area.	We have provided the Necessary arrangement shall be made to adequate safety and ventilation arrangement in furnace area Annexure II
v	Proper housekeeping program shall be implement	Yes. Complied. Housekeeping is maintained.
vi	In the event of failure of pollution control system adopted by the unit. The unit shall be immediately put out of operation and shall not be restarted until desired efficiency has been achieve	Agreed
vii	A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollution of DG set.	As per requirement we have installed DG set stack height 6 meter above factory roof level. Annexure IX
viii	Detail skim for rain water harvesting shall be per- paired and implement recharge ground water	Rain water harvesting plan & implementation details is attached. Annexure III
ix	Arrangement shall made that effluent and storm water does not get mixed	Both storm & effluent having separate line & not mix each other.
x	Periodic monitoring of ground water shall be under taken and result analyzed to a certain any change in the quality of water. Result shall be regularly submitted to MPCB	Periodic monitoring of ground water done by NABL approved laboratories. Annexure I
xi	Leq of noise level shall be maintained as per standards for people working in high noise level area requisite personal protective equipment air plug should be provided.	Regularly monitoring of Noise level done by NABL approved laboratories. Annexure I
xii	The overall noise level in and around the plant are shall be kept within standard by providing noise control measure including acoustic hoods silencer in closer on all sources of noise generation. The ambient noise level shall confirm the standard prescribed under environment act 1986 rule 1989	Agreed

Lokmangal Mauli Industries Ltd.

xiii	Green belt shall develop and maintained around the plant periphery. Green belt development shall be carried out considering CPCB guide line including selection of plant species in consultation with local DFO/Agri dept.	We have develop the green belt Annexure IV
xiv	Adequate safety measure shall be provided to limit the risk zone within plant boundary in case of an accident. Leak detection device shall also be installed at strategic places for early detection warning	We have taken all adequate safety measures. Annexure II
xv	Occupational health surveillance of the worker shall be done on regular basis and record shall be maintain as per factory act	We have done the occupational health surveillance of the workers on regular basis and maintain records as per factory act Annexure II
xvi	Company shall make arrangement for protection of possible fire hazardous during manufacturing process in material handing	Fire hydrant and sprinkler system is provided and maintained to ensure smooth operation at all times. Annexure II
xvii	The project authorities must strictly comply with rule and regulation with regard to handing disposal of hazardous waste in accordance with hazardous waste authorization from MPCB shall be obtained for collection /treatment / storage / disposal of hazardous waste	We have strictly follow the rule and regulation as per given in our consent by MPCB. Annexure V
xviii	The company shall under take following waste minimization measures , 1. Metering of quantity of active ingredients to minis' waste 2. Reuse of by product from the process as a raw material substitutes in other process 3. Maximizing recoveries 4. Use of automated material transfer system to minimize spillage	We have installed adequate metering system In process of sugar manufacturing all the by- products are used for raw material for another process/product. Company always working for maximizing the recovery of sugar (product) Our company machineries operate on semi automation, which is reducing the chances of spillages & accidents.
xix	Regular mock drill for onsite emergency management plant shall be carried out implementation of changes / improvement is required if any in onsite management shall be ensured	Mock drills are conducted periodically; Opportunities for improvement are noted and incorporated in onsite emergency plan. Annexure II
xx	A separate environment management cell with qualified staff shall set up for implementation of stipulated environment safe guard	We have set up the separate environment management cell with qualified staff Annexure VI
xxi	Transportation of ash will be through closed container and all measure should be taken to prevent spillage of ash	Agreed

Lokmangal Maull Industries Ltd.

xxii	Separate silo will be provided for collecting and storing of bottom and fly ash	We have provided the separate silo. Annexure VII
xxiii	Separate fund shall be allocated for implantation of environmental protection, measure allow with breakup item wise. The cost shall be included as part of project cost the funds unmarked for environment protection measure shall not be diverted to other purpose and year wise expenditure should be reported to MPCB	Yes. Separate funds of Rs.@ 0.6 Cr (Recurring cost) are allotted for operation & maintenance of the Water, Air pollution, tree plantation etc... Also we have spent @ 4 Cr. For Installation of fully equipped ETP, Online monitoring system, ESP for controlling water & air pollution.
xxiv	The project management shall advertise at list two local newspaper widely circulated in the region around the project one of which shall be in Marathi language of the local concern within 7 day of issue of this letter informing that the project has been accorded environmental clearance letter are available with MPCB	We had published advertise in news paper Annexure VIII
xxv	Project management should submitted half compliance report in respect of stipulated prior environmental clearance term and condition in hard and soft copy in MPCB to this dept. On 1st June and 1st Dec each year	Agreed
xxvi	A copy of clearance letter shall be sent by proponent to the concern municipal corporation and local NGO if any from whom suggestion /representation if any where received while processing proposal. The clearance shall also put on web site of company by proponent	Agreed Complied. EC has been put in the company website
xxvii	The proponent shall upload status of compliance of stipulated EC condition including result of monitored data on their web site shall update the same periodically. It shall simultaneously be sent to the regional office MoeF the respective zonal office of CPCB and SPCB. The criteria pollutant level namely SPM, RSPM,SO2, Nox ambient level as well as stack emission or critical parameter indicated for project shall be monitored and displayed and convenient location near main gate of company in public domain	Agreed
xxviii	The project proponent shall also submit six month report on status of compliance of stipulated EC condition including result monitoring data both in hard copy and email to respective regional office of MoEF the respective zonal office of CPCB and SPCB	Agreed
xxix	The environmental statement for each financial year ending 31th march in from-V as In mandated to the submitted by project proponent to the concern state pollution control board as prescribed under environmental rule 1986 as amended subsequently shall also be put on web site of company along with status of compliance of EC condition and shall also be send to respective regional office MoEF by email	Agreed
xxx	The EC is being issued without prejudice to the action initiated under EP act or any court case pending in court of law and it does not mean that project proponent has not violated any Environmental law in past and whatever decision under EP act or of the Hon'ble court will binding of project proponent hence this clearance does not give immunity to the project proponent in the case filed again him if any or action imitated under EP act.	agreed
xxxi	The environment dept. reverse the right to revoke, The clearance if condition stipulated are not implemented to the satisfaction of dept or for the matter for any other admin reason	agreed

Lokmangal Mauli Industries Ltd.

xxxii	The validity of EC accorded shall be valid for period of five year to start of production operation	agreed
xxxiii	In case of any deviation /alteration in the project proposed from those submitted to this dept for clearance a fresh reference should be made to the department to access the adequacy of the condition imposed and to incorporate addition environmental protection measure required if any.	NA

LOKMANGAL MAULI IND. LTD. LOHARA KHURD

COMPLIANCES AGAINST ENVIRONMENTAL CLEARANCE (F.No. J-13012/02/2012-IA.II(T) Dated. 25.02.2014)

30 MW Bagasse and Biomass Power plant of M/s. Lokmangal Mauli Ind. Ltd at Village lohara khurd Dist; Osmanabad in Maharashtra.

A. Specific Conditions :

Sr.No	SPECIFIC CONDITIONS	COMPLIANCE STATUS
i	To control the particulate emission from the boiler. ESP meeting 100 mg/ Nm^3 shall be installed.	We have installed ESP attached to Boiler having emission below 100 mg/Nm3. Annexure I
ii	Bag filters shall be provided for control of fugitive emissions from the ash handling areas.	We have provided Bag Filter in ash handling system.
iii	A stack of 76 m height shall be installed.	We have provided 85 meter height of stack for more care of environment Annexure XI
iv	The project proponent shall undertake rain water harvesting measures and shall develop water storage for use in operation of the plant. Rain water harvesting system shall be put in place which shall comprise of rain water collection from the built up and open area in the plant premises. Action Plan for implementation shall be submitted to the Ministry.	We have rain water harvesting system & we use this water to the process of manufacturing Annexure III
v	*COC* of 4.0 shall be adopted.	We have adopted more than COC of 4.0
vi	Waste water generated from the plant shall be treated before discharge to comply limits prescribed by the SPCS.	We have separate primary ETP plant for Treatment of Co-gen Effluent & treated generated effluent as per MPCB norms.
vii	Fly ash generated shall be provided to farmers to be used as manure or disposed of as per Fly Ash Utilization Notification, 1999 and as amended subsequently	Agreed .We are provided the fly ash to Bricks manufacturer & farmers
viii	A minimum amount of 0.4 % of the project cost as one time capital cost shall be earmarked for activities to be taken up under CSR during construction phase of the Project. Recurring expenditure for CSR thereafter shall be 1/5th of the capital cost per annum or as per CSR guidelines of Govt. of India, whichever is more till the life of the plant.	We have done @ 1.6 Cr works through CSR in nearby areas of plant & Villages in sector of water harvesting ,tree plantation ,drinking water availability etc
ix	CSR schemes should address Public Hearing issues and shall be undertaken based on need assessment in and around the villages within 5 km of the site and in constant consultation with the village Panchayat and the District Administration. As payrole of CSR employment of local youth after imparting relevant training. As may be necessary. Shall be undertaken as committed.	Agreed
x	It shall be ensured that an in-built monitoring mechanism for the CRS schemes identified is in place and annual social audit shall be got done from the nearest Government institute of repute in the region. The project proponent. Shall also submit the status of implementation of the scheme from time to time besides putting their programs along with budgetary allocation on company's web site.	Complied

xi	Green Belt consisting of 3 tiers of plan actions of native species around the plant boundary comprising of at least 33% of total land for both sugar plant and proposed thermal power plant shall be raised. The density of trees shall not be less than 2500 per Ha and rate of survival at least 80%	We have planted 6000 Nos of trees in premises & out of premises of the company Annexure IV
xii	An Environment Cell shall be created at the project site Itself and shall be headed by an officer of appropriate superiority and qualification. It shall be ensured that the Head of the Cell shall directly report to the Head of the organization.	We have created the Environment Cell & head of the cell is directly report to the Head of the organization. Annexure VI
B. General Conditions :		
i	No water bodies (including natural drainage system) in the area shall be disturbed due to activities associated with the setting up / operation of the power plant.	We don't disturb any water bodies for project activity.
ii	Monitoring surface water quality and quantity in the area shall also be regularly conducted and records maintained. The monitored data shall be submitted to the Ministry regularly. Further, monitoring points shall be located between the plant and drainage in the direction of flow of ground water arid records maintained.	We have done the monitoring of surface water quality in the nearby area from NABL approved labs. Annexure I
iii	Wastewater generated from the plant shall be treated before discharge to comply limits prescribed by the SPCB/CPCB.	We have adequate ETP for treatment of generated effluent & the treated before discharge to comply limits prescribed by the SPCB/CPCB.
iv	The treated effluents conforming to the prescribed standards only shall be re-circulated and reused within the plant. Arrangements shall be made that effluents and storm water do not get mixed.	After proper treatment of effluent we re- circulation it company premises for different process. Also we have provided proper arrangement for effluent & storm water have not mix together.
v	A sewage treatment plant shall be provided (as applicable) and the treated sewage shall be used for raising greenbelt / plantation. Continuous monitoring of effluent discharge shall be undertaken and it shall be ensured that when discharge enters the natural drain the temperature' of effluent shall be at ambient	We use this treated effluent for raising greenbelt / plantation within the company premises & not discharge any natural drain.
vi	A well designed rain water harvesting system shall be put in place which shall comprise of rain water collection from the built up and open area in the plant premises. Action plan for implementation shall be submitted to the Regional Office of the Ministry within six months.	Complied
vii	Noise levels emanating from turbines shall be so controlled such that the noise in the work zone shall be limited to 85 dB(A) from source. For people working in the high noise area, requisite personal protective equipment like earplugs/ear muffs etc. shall be provided. Workers engaged in noisy areas such as turbine area, air compressors etc shall be periodically examined to maintain audiometric record and for treatment for any hearing loss including shifting to none noisy/less noisy areas.	We done Noise level monitoring from NABL approved lab Annexure I we have provide personal protective equipment like earplugs/ear muffs etc to working peoples in the high noise area
viii	Regular monitoring of ambient air ground level concentration of SO2, Nox. PM2.5& PM10 and Hg shall be carried out in the impact zone and records maintained. If at any stage these levels are found to exceed the prescribed limits, necessary control measures shall be provided immediately. The location of the monitoring stations and frequency of monitoring shall be decided in consultation with SPCB. Periodic reports shall be submitted to the Regional Office of this Ministry. The data	We have done the regular monitoring of So2,NOx,PM from NABL approved lab Annexure I

	shall also be put on the website of the company.	
ix	Well designed acoustic enclosures for the DG sets and noise emitting equipments to achieve the desirable insertion loss viz. 25 dB (A) should be provided.	Complied
x	Additional soil for leveling of the sites should be generated within the site in a way that natural drainage system of the area is protected and improved.	Complied
xi	Storage facilities for auxiliary liquid fuel such as LDO/ HFO/ LSHS shall be made in the plant area in consultation with Department of Explosives, Nagpur. Sulphur content in the liquid fuel will not exceed 0.5% Disaster Management Plan shall be prepared to meet any eventuality in case of an accident taking place due to storage of oil.	NA
xii	First Aid and sanitation arrangements shall be made for the drivers and other contract workers during construction phase.	We had provided first Aid and sanitation arrangements shall be made for the drivers and other contract workers during construction phase
xiii	Provision shall be made for the housing of construction labour (as applicable) within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	We had done this all provision in time of construction phase
xiv	The project proponent shall also adequately contribute in the development or the neighboring villages. Special package with implementation schedule for providing potable drinking water supply in the nearby villages and schools shall be undertaken in a time bound manner.	We have done this work in under of CSR activities
xv	While identifying CSR activities it shall be ensured that need based assessment for the nearby villages within study area shall be conducted to study economic measures with action plan which can help in upliftment of poorer sections of society. Income generating projects consistent with the traditional skills of the people shall be undertaken. Development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such program. Company shall provide separate budget for community development activities and income generating program. Vocational training program for possible self employment shall be imparted to pre identified villagers free of cost.	Agreed
xvi	Green Belt consisting of 3 tiers of plantations of native species around the plant and at least 50 m width all around shall be developed except in places not feasible which shall be clearly specified and justification submitted. The vegetation density of trees shall not be less than 2500 per Ha and rate of survival at least 75%.	We have planted 6000 Nos of trees in premises & out of premises of the company Annexure IV
xvii	An Environmental Cell comprising of at least one expert in environmental science / engineering, occupational health and social scientist, shall be created preferably at the project site itself arid shall be headed by an officer of appropriate superiority and qualification It shall be ensured that the Head of the Cell shall directly report to the head of the organization who would be accountable for implementation of environmental regulations and social impact improvement/mitigation measures.	We have created the Environment Cell & head of the cell is directly report to the Head of the organization. Annexure VI

xviii	The project proponent shall advertise in at least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular landuage of the locality concerned within seven days from the date of this clearance letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the State Pollution Control Board/Committee and may also be seen at Website of the Ministry of Environment and Forests at httpj/envfor.nic.in.	We had published advertise in news paper Annexure VIII
xix	A copy' of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad / Municipal Corporation, urban local Body and the Local NGO, if any, from whom suggestions/representations, if any. Received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	Agreed. Complied. EC has been put in the company website
xx	The proponent shall upload the status of compliance of the stipulated environmental clearance conditions, including results or 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 (PM2.5. &. PM10), S02, NOx (ambient levels as well as stack emissions) shall be displayed at a convenient location near the main gate of the company in the public domain.	Complied
xxi	The environment statement for each financial year ending 31st 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 environmental clearance conditions and shall also be sent to the respective Regional Offices of the Ministry by- e-mail.	Complied
xxii	The project proponent shall submit six monthly reports on the status of the implementation of the stipulated environmental safeguards to the Ministry of Environment and Forests, its Regional Office, Central Pollution Control Board and State Pollution Control Board. The project proponent shall upload the status of compliance of the environment of the environmental clearance conditions on their website and update the same periodically and simultaneously send the same by e-mail to the Regional Office, Ministry of Environment and Forests. .	agreed
xxiii	Regional Office of the Ministry of Environment & Forests will monitor the implementation of the stipulated conditions. A complete set of documents including Environmental Impact Assessment Report and Environment Management Plan along with the additional information submitted from time to time shall be forwarded to the Regional Office for their use during monitoring. Project proponent will up-load the compliance status in their website and up-date the same from time to time at least six monthly bases. Criteria pollutants levels including NOx (from stack & ambient air) shall be displayed at the main gate of the power plant.	Complied
xxiv	Separate funds shall be allocating for implementation of environmental protection measures 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 purposes and year- wise expenditure should be reported to the Ministry.	We have allocate the separate fund for environment protection measures & Cost is included as part of the project cost. The funds earmarked for the environment protection measures are not be diverted for other purposes.

xxv	The project authorities shall inform the Regional, Office as well as the Ministry regarding the date of financial closure and final approval of the project by the concerned authorities and the dates of start of land development work and commissioning of plant.	Complied
xxvi	Full cooperation shall be extended to the Scientists / Officers from the Ministry / Regional Office of the Ministry / CPCB/ SPCB who would monitor the compliance of environmental status.	Agreed

Lokmangal Mauli Industries Ltd.

Annexure – I

Analysis Report

Ashwamedh Engineers & Consultants
Laboratory Services Division
TC-5509

Ashwamedh Engineers & Consultants
Survey No. 102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik - 422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/12/22/0388 Report No. AA/12/22/0388		Report Date	29/12/2022
Name and address of Customer	**Lokmangal Mauli Industries Ltd.** A/P. - Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Near Office Suger Plant	Date - Sampling	20/12/2022to 21/12/2022
Sample Quantity / Packing	PM_{10}: 1 x 3 no. filter paper $PM_{2.5}$: 1 x 1 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each CO, HC: 1 x 1 no. bladder each	Date - Receipt of Sample	22/12/2022
Sampling Procedure	As per method reference	Date - Start of Analysis	22/12/2022
Order Reference	JO. No. 22-23/1CO00100 dated 13.12.2022	Date - Completion of Analysis	28/12/2022

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
3.2 km/h	E-W	(Max./Min.): 77/41%	(Max./Min.): 28/23°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**BLQ (LOQ:4)**	80	µg/m³	IS 5182 (Part 2): 2001
Nitrogen Dioxide (NO_2)	**BLQ (LOQ:6.5)**	80	µg/m³	IS 5182 (Part 6): 2006
Particulate Matter (size less than 10 µm) or PM_{10}	**38**	100	µg/m³	IS 5182 (Part 23):2006
Particulate Matter (size less than 2.5µm) or $PM_{2.5}$	**12**	60	µg/m³	CPCB Guidelines, Volume I,36/2012-13, Page No.15:2013
Carbon Monoxide (CO)	**1.65**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA : Time Weighted Average
: NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, PM10, PM2.5, 1 hour TWA in case of Carbon Monoxide.
Note: Sample ID AA/12/22/0388 bears two Test Reports-AA/12/22/0388 and AA/12/22/0388N

Saanvi Dalal
Section In-charge (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants
Laboratory Services Division

End of Report

Note:
1. The result listed refer only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division

Ashwamedh Engineers & Consultants
Survey No. 102, Plot No.26, Wadala Pathardi Road,
Indira Nagar, Nashik - 422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari,
Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/12/22/0388	Report No. AA/12/22/0388N	Report Date	29/12/2022
Name and address of Customer	**Lokmangal Mauli Industries Ltd.** A/P. - Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Near Office Suger Plant	Date - Sampling	20/12/2022to 21/12/2022
Sample Quantity / Packing	PM_{10}: 1 x 3 no. filter paper $PM_{2.5}$: 1 x 1 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each CO, HC: 1 x 1 no. bladder each	Date - Receipt of Sample	22/12/2022
Sampling Procedure	As per method reference	Date - Start of Analysis	22/12/2022
Order Reference	JO. No. 22-23/1CO00100 dated 13.12.2022	Date - Completion of Analysis	28/12/2022

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity (Max./Min.): 77/41%	Temperature (Max./Min.): 28/23°C	Duration of Survey
3.2 km/h	E-W			24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Hydrocarbons (HC)	**1.57**	Not specified	mg/m^3	IS 5182 (Part 17):1979

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA : Time Weighted Average
: NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, PM10, PM2.5, 1 hour TWA in case of Carbon Monoxide.
Note: Sample ID AA/12/22/0388 bears two Test Reports-AA/12/22/0388 and AA/12/22/0388N

Saanvi Dalal
Section In-charge (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants
Laboratory Services Division

End of Report

Note:
1. The result listed refer only to the tested sample(s) and applicable parameter(s).
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4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/12/22/0389	Report No. AA/12/22/0389	Report Date	29/12/2022
Name and address of Customer	**Lokmangal Mauli Industries Ltd.** A/P - Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Lohara Village	Date - Sampling	20/12/2022to 21/12/2022
Sample Quantity / Packing	PM_{10}: 1 x 3 no. filter paper $PM_{2.5}$: 1 x 1 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each CO, HC: 1 x 1 no. bladder each	Date - Receipt of Sample	22/12/2022
Sampling Procedure	As per method reference	Date - Start of Analysis	22/12/2022
Order Reference	JO. No. 22-23/1CO00100 dated 13.12.2022	Date - Completion of Analysis	28/12/2022

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
3 km/h	E-W	(Max./Min.): 76/41%	(Max./Min.): 27/23°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**BLQ (LOQ:4)**	80	µg/m³	IS 5182 (Part 2): 2001
Nitrogen Dioxide (NO_2)	**8.92**	80	µg/m³	IS 5182 (Part 6): 2006
Particulate Matter (size less than 10 µm) or PM_{10}	**53**	100	µg/m³	IS 5182 (Part 23) 2006
Particulate Matter (size less than 2.5µm) or $PM_{2.5}$	**14**	60	µg/m³	CPCB Guideline, Volume I:36/2012-13, Page No.15:2013
Carbon Monoxide (CO)	**2.48**	4	mg/m³	CPCB Guidelines, Volume II: 37/2012-13, Page no.16: 2013

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA : Time Weighted Average
: NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, PM10, PM2.5, 1 hour TWA in case of Carbon Monoxide.
Note: Sample ID AA/12/22/0389 bears two Test Reports-AA/12/22/0389 and AA/12/22/0389N

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Section In-charge (Chemical)
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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/12/22/0389	Report No. AA/12/22/0389N	Report Date	29/12/2022
Name and address of Customer	**Lokmangal Mauli Industries Ltd.** A/P. - Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Lohara Village	Date - Sampling	20/12/2022 to 21/12/2022
Sample Quantity / Packing	PM_{10}: 1 x 3 no. filter paper $PM_{2.5}$: 1 x 1 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each CO, HC: 1 x 1 no. bladder each	Date - Receipt of Sample	22/12/2022
Sampling Procedure	As per method reference	Date - Start of Analysis	22/12/2022
Order Reference	JO. No. 22-23/1CO00100 dated 13.12.2022	Date - Completion of Analysis	28/12/2022

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
3 km/h	E-W	(Max./Min.): 76/41%	(Max./Min.): 27/23°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Hydrocarbons (HC)	**1.77**	Not specified	mg/m³	IS 5182 (Part 17):1978

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA : Time Weighted Average
: NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, PM10, PM2.5, 1 hour TWA in case of Carbon Monoxide.
Note: Sample ID AA/12/22/0389 bears two Test Reports-AA/12/22/0389 and AA/12/22/0389N

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/12/22/0390	Report No. AA/12/22/0390	Report Date	29/12/2022
Name and address of Customer	**Lokmangal Mauli Industries Ltd.** A/P. - Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Khed Village	Date - Sampling	20/12/2022to 21/12/2022
Sample Quantity / Packing	PM_{10}: 1 x 3 no. filter paper $PM_{2.5}$: 1 x 1 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each CO, HC: 1 x 1 no. bladder each	Date - Receipt of Sample	22/12/2022
Sampling Procedure	As per method reference	Date - Start of Analysis	22/12/2022
Order Reference	JO. No. 22-23/1CO00100 dated 13.12.2022	Date - Completion of Analysis	28/12/2022

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
2.8 km/h	E-W	(Max./Min.): 78/41%	(Max./Min.): 27/23°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO_2)	**BLQ (LOQ:4)**	80	µg/m³	IS 5182 (Part 2): 2001
Nitrogen Dioxide (NO_2)	**BLQ (LOQ:6.5)**	80	µg/m³	IS 5182 (Part 6): 2006
Particulate Matter (size less than 10 µm) or PM_{10}	**62**	100	µg/m³	IS 5182 (Part 23):2006
Particulate Matter (size less than 2.5µm) or $PM_{2.5}$	**13**	60	µg/m³	CPCB Guideline, Volume I,36/2012-13, Page No.15:2013
Carbon Monoxide (CO)	**1.56**	4	mg/m³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA : Time Weighted Average
: NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, PM10, PM2.5, 1 hour TWA in case of Carbon Monoxide.
Note: Sample ID AA/12/22/0390 bears two Test Reports-AA/12/22/0390 and AA/12/22/0390N

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/12/22/0390	Report No. AA/12/22/0390N	Report Date	29/12/2022
Name and address of Customer	**Lokmangal Mauli Industries Ltd.** A/P. - Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Khed Village	Date - Sampling	20/12/2022 to 21/12/2022
Sample Quantity / Packing	PM_{10}: 1 x 3 no. filter paper $PM_{2.5}$: 1 x 1 no. filter paper SO_2, NO_2: 30 ml x 6 no. plastic bottle each CO, HC: 1 x 1 no. bladder each	Date - Receipt of Sample	22/12/2022
Sampling Procedure	As per method reference	Date - Start of Analysis	22/12/2022
Order Reference	JO. No. 22-23/1C000100 dated 13.12.2022	Date - Completion of Analysis	28/12/2022

Meteorological Data / Environmental Conditions

Average Wind Velocity	Wind Direction	Relative Humidity	Temperature	Duration of Survey
2.8 km/h	E-W	(Max./Min.): 78/41%	(Max./Min.): 27/23°C	24 h

Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Hydrocarbons (HC)	**1.73**	Not specified	mg/m³	IS 5182 (Part 17):1979

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
TWA : Time Weighted Average
: NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, PM10, PM2.5, 1 hour TWA in case of Carbon Monoxide.
Note: Sample ID AA/12/22/0390 bears two Test Reports-AA/12/22/0390 and AA/12/22/0390N

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STACK EMISSION MONITORING REPORT

Sample ID : SA/12/22/0391	Report No. SA/12/22/0391	Report Date	27/12/2022
Name and address of Customer	**Lokmangal Mauli Industries Ltd.** A/P. - Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Stack Emission
Sample Quantity / Packing	PM: 1 no. thimble SO_2: 30 ml x 1 no. plastic bottle NO_2: 25 ml x 1 no. plastic bottle	Date - Sampling	20/12/2022
		Date - Receipt of Sample	22/12/2022
Sampling Procedure	IS 11255 (Part 1):1985,(Part 2):1985,(Part 3):2008,(Part 7):2005	Date - Start of Analysis	22/12/2022
Order Reference	JO. No. 22-23/1CO00100 dated 13.12.2022	Date - Completion of Analysis	26/12/2022

Stack Details	
~ Stack Identity	D G Set - 1 (1010 KVA)
~ Stack attached to	D G Set - I (1010 KVA)
~ Material of construction	MS
~ Stack height above ground level	6.3 m
~ Stack diameter	0.30 m
~ Stack shape at top	Round
~ Type of Fuel	Diesel
~ Fuel Consumption	40 L/h

Parameter	**Result**	**Unit**	**Method**
Chemical Testing; Group: Atmospheric Pollution			
Flue Gas Temperature	**92**	°C	IS 11255 (Part 3):2008
Flue Gas Velocity	**7.76**	m/s	IS 11255 (Part 3):2008
Flue Gas Flow Rate	**1611**	Nm^3/h	IS 11255 (Part 3):2008
Particulate Matter (PM)	**15**	mg/Nm^3	IS 11255 (Part 1):1985
Sulphur Dioxide (SO_2)	**5.71**	mg/Nm^3	IS 11255 (Part 2):1985
Sulphur Dioxide (SO_2)	**0.22**	kg/d	IS 11255 (Part 2):1985
Oxides of Nitrogen (NO_2)	**16.7**	mg/Nm^3	IS 11255 (Part 7):2005

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STACK EMISSION MONITORING REPORT

Sample ID : SA/12/22/0392	Report No. SA/12/22/0392	Report Date	27/12/2022
Name and address of Customer	**Lokmangal Mauli Industries Ltd.** A/P. - Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Stack Emission
Sample Quantity / Packing	PM: 1 no. thimble SO_2: 30 ml x 1 no. plastic bottle NO_2: 25 ml x 1 no. plastic bottle	Date - Sampling	20/12/2022
		Date - Receipt of Sample	22/12/2022
Sampling Procedure	IS 11255 (Part 1):1985,(Part 2):1985,(Part 3):2008,(Part 7):2005	Date - Start of Analysis	22/12/2022
Order Reference	JO. No. 22-23/1CO00100 dated 13.12.2022	Date - Completion of Analysis	26/12/2022

Stack Details	
~ Stack Identity	D G Set - II (1010 KVA)
~ Stack attached to	D G Set - II (1010 KVA)
~ Material of construction	MS
~ Stack height above ground level	6.3 m
~ Stack diameter	0.30 m
~ Stack shape at top	Round
~ Type of Fuel	Diesel
~ Fuel Consumption	40 L/h

Parameter	**Result**	**Unit**	**Method**
Chemical Testing; Group: Atmospheric Pollution			
Flue Gas Temperature	**78**	°C	IS 11255 (Part 3):2008
Flue Gas Velocity	**6.84**	m/s	IS 11255 (Part 3):2008
Flue Gas Flow Rate	**1477**	Nm^3/h	IS 11255 (Part 3):2008
Particulate Matter (PM)	**13**	mg/Nm^3	IS 11255 (Part 1):1985
Sulphur Dioxide (SO_2)	**BLQ (LOQ:5)**	mg/Nm^3	IS 11255 (Part 2):1985
Sulphur Dioxide (SO_2)	**BLQ (LOQ:0.02)**	kg/d	IS 11255 (Part 2):1985
Oxides of Nitrogen (NO_2)	**17.4**	mg/Nm^3	IS 11255 (Part 7):2005

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification

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STACK EMISSION MONITORING REPORT

Sample ID : SA/12/22/0393	Report No. SA/12/22/0393	Report Date	24/12/2022
Name and address of Customer	**Lokmangal Mauli Industries Ltd.** A/P. - Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Stack Emission
Sample Quantity / Packing	PM: 1 no. thimble SO_2: 30 ml x 1 no. plastic bottle	Date - Sampling	20/12/2022
		Date - Receipt of Sample	22/12/2022
Sampling Procedure	IS 11255 (Part 1):1985,(Part 2),(Part 3):2008:1985	Date - Start of Analysis	22/12/2022
Order Reference	JO. No. 22-23/1CO00100 dated 13.12.2022	Date - Completion of Analysis	23/12/2022

Stack Details	
~ Stack Identity	Boiler - 135 TPH
~ Stack attached to	Boiler - 135 TPH
~ Material of construction	RCC
~ Stack height above ground level	85 m
~ Stack diameter	3 m
~ Stack shape at top	Round
~ Type of Fuel	Bagasse
~ Fuel Consumption	52 T/h

Parameter	**Result**	**Unit**	**Method**
Chemical Testing; Group: Atmospheric Pollution			
Flue Gas Temperature	**114**	°C	IS 11255 (Part 3):2008
Flue Gas Velocity	**6.27**	m/s	IS 11255 (Part 3):2008
Flue Gas Flow Rate	**122953**	Nm^3/h	IS 11255 (Part 3):2008
Particulate Matter (PM)	**13**	mg/Nm^3	IS 11255 (Part 1):1985
Sulphur Dioxide (SO_2)	**5.71**	mg/Nm^3	IS 11255 (Part 2):1985
Sulphur Dioxide (SO_2)	**16.8**	kg/d	IS 11255 (Part 2):1985

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NOISE LEVEL MEASUREMENT REPORT

Sample ID: N/12/22/0304	Report No: N/12/22/0304	Report Date	24/12/2022
Name and Address of Customer	**Lokmangal Mauli Industries ltd** A/p-Lohara (Khurd), Tal. Lohara, Dist. Osmanabad-413608, Maharashtra		
Monitoring Done By	Laboratory	Sample Description /Type	Ambient Noise
Order Reference	As per JO No.22-23/1C000100 JO date on 13.12.2022	Date of Monitoring	21/12/2022

Chemical Testing; Group: Atmospheric Pollution

Location	Time (h)	Results Noise Level dB (A) Fast Response	Results Noise Level dB (A) Slow Response	Method
A. Main Gate	11:10	62.6	61.1	CPCB Protocol for Ambient Level Noise Monitoring July AEC/EC/SAP/SAM/2SB 3G Issue no 4 Issue date 01.04.2018
	22:30	56.4	55.2	

Limits

As Per the Noise Pollution (Regulation & Control) Rules, 2000 (Rules 3 (1) and 4(1))

Area Type	Limits in dB (A) weighted scale	
	Day (6 a.m. to 10 p.m.)	Night (10 p.m. to 6 a.m.)
Industrial	75	70

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NOISE LEVEL MEASUREMENT REPORT

Sample ID N/12/22/0395	Report No. N/12/22/0395	Report Date	23/12/2022
Name and Address of Customer	**Lokmangal Mauli Industries ltd** A/p-Lohara (Khurd), Tal. Lohara, Dist. Osmanabad-413608, Maharashtra		
Monitoring Done By	Laboratory	Sample Description /Type	Workplace Noise
Order Reference	As per JO No.22-23/1C000100 JO date on 13.12.2022	Date of Monitoring	20/12/2022

Chemical Testing; Group: Atmospheric Pollution

Sr. No.	Location	Time (h)	Result Noise Level dB (A)	Method
1	Near Boiling Area	11:30	69.4	CPCB Protocol for Ambient Level Noise Monitoring, July AEC/E/SAP/SAM/359.36, Issue no.4, Issue date 01.04.2018
		22:35	64.2	
2	Near Mill House	11:40	70.0	
		22:45	63.6	
3	Near Turbine	11:55	73.2	
		22:55	68.8	

Limit
Permissible Exposure Period as Per Maharashtra Factories Rules,1963, Schedule XXIV Table 1

Total hours of sound exposure per day	Level
Hours	dB(A)
8	90
6	92
4	95

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NOISE LEVEL MEASUREMENT REPORT

Sample ID: N/12/22/3326	Report No.: N/12/22/3326N	Report Date	23/12/2022
Name and Address of Customer	**Lokmangal Mauli Industries ltd** A/p-Lohara (Khurd), Tal. Lohara, Dist. Osmanabad-413608, Maharashtra		
Monitoring Done By	Laboratory	Sample Description /Type	Noise
Order Reference	As per JO No.22-23/1CO00100 JO date on 13.12.2022	Date-Monitoring	20/12/2022

Chemical Testing; Group: Atmospheric Pollution

Sr. No.	Location	Time (h)	Sound Level dB (A) Fast Response				Difference
			A	Inside	B	Outside	
1.	DG SET 1010 KVA I	13:00	A1	99.3	A2	74.3	25.0
		13:05	B1	96.7	B2	71.7	25.0
		13:10	C1	98.2	C2	73.2	25.0
		13:15	D1	99.5	D2	74.5	25.0
			Average	**98.4**	**Average**	**73.4**	**25.0**

Note: Standards as per MPCB Consent Condition 25 dB (A) insertion Loss.

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NOISE LEVEL MEASUREMENT REPORT

Sample ID: N/12/22/3327	Report No.: N/12/22/3327N	Report Date	23/12/2022
Name and Address of Customer	**Lokmangal Mauli Industries ltd** A/p-Lohara (Khurd), Tal. Lohara, Dist. Osmanabad-413608, Maharashtra		
Monitoring Done By	Laboratory	Sample Description /Type	D G Noise
Order Reference	As per JO No.22-23/1C000100 JO date on 13.12.2022	Date-Monitoring	20/12/2022

Chemical Testing; Group: Atmospheric Pollution

Sr. No.	Location	Time (h)	Sound Level dB (A) Fast Response				Difference
			A	Inside	B	Outside	
1.	DG SET 1010 KVA II	13:30	A1	95.5	A2	73.2	25.3
		13:35	B1	97.3	B2	72.3	25.0
		13:40	C1	98.9	C2	73.8	25.1
		13:45	D1	99.7	D2	74.7	25.0
			Average	**98.6**	**Average**	**73.5**	**25.1**

Note: Standards as per MPCB Consent Condition 25 dB (A) insertion Loss.

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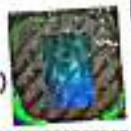

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ULR-TC550922000020376F

TEST REPORT

Sample ID : W/12/22/0570	Report No. W/12/22/0570	Report Date	30/12/2022
Name and address of Customer	**Lokmangal Mauli Industries Ltd.** A/P. - Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Water (Ground Water)
Sampling Location	Borewell - Lohara Village	Date - Sampling	21/12/2022
Sample Quantity / Packing	5 L x 1 no. plastic can 250 ml x 1 no. sterile bottle	Date - Receipt of Sample	22/12/2022
Sampling Procedure	IS 1622:1981 & IS 3025(Part I):1987 & APHA 23rd Ed.2017, 1060 B,1-40, 9060 A,9-36 & 9060 B,9-39 & ISO 19458:2006	Date - Start of Analysis	22/12/2022
Order Reference	JO. No. 22-23/1CO00100 dated 13.12.2022	Date - Completion of Analysis	29/12/2022

Sr.No.	Parameter	Result	Acceptable Limit as per IS 10500:2012	Unit	Method
Chemical Testing; Group: Water, Residues in Water					
Physical & Chemical Parameters					
1	Colour	**1**	Max. 5	Hazen units	IS 3025 (Part 4):1983
2	Odour	**Agreeable**	Agreeable	-	IS 3025 (Part 5):2018
3	pH value	**8.34**	6.5-8.5	-	IS 3025 (Part 11): 1983
4	Turbidity	**BLQ (LOQ:0.2)**	Max. 1	NTU	IS 3025 (Part 10):1984
5	Biochemical Oxygen Demand (3 days, 27°C)	**BLQ (LOQ:1)**	Not specified	mg/L	IS 3025 (Part 44): 1993
6	Chemical Oxygen Demand	**BLQ (LOQ:5)**	Not specified	mg/L	APHA, 23rd Ed., 5220-B, 5-18
7	Total Dissolved Solids	**384**	Max.500	mg/L	IS 3025 (Part 16): 1984
8	Calcium (as Ca)	**54.5**	Max. 75	mg/L	IS 3025 (Part 40): 1991
9	Chloride (as Cl)	**18.5**	Max. 250	mg/L	IS 3025 (Part 32):1988
10	Fluoride (as F)	**0.6**	Max.1.0	mg/L	IS 3025 (Part 60):2008
11	Free Residual Chlorine	**BLQ (LOQ:0.05)**	Min.0.2	mg/L	APHA, 23rd Ed., 4500-Cl-G, 4-72
12	Iron (as Fe)	**0.146**	Max.1.0	mg/L	IS 3025 (Part 2):2019/ISO 11885:2007
13	Magnesium (as Mg)	**33**	Max. 30	mg/L	IS 3025 (Part 46): 1994
14	Nitrate (as NO_3)	**4.21**	Max.45	mg/L	APHA, 22nd Ed., 4500-NO3 B-4-127
15	Sulphate (as SO_4)	**32.1**	Max. 200	mg/L	IS 3025 (Part 24): 1986
16	Total Alkalinity (as $CaCO_3$)	**242**	Max. 200	mg/L	IS 3025(Part 23):1986
17	Total Hardness (as $CaCO_3$)	**272**	Max. 200	mg/L	IS 3025 (Part 21): 1983
18	Total Phosphate (as P)	**BLQ (LOQ:0.1)**	Not specified	mg/L	APHA, 22nd Ed., 4500 P.E, 4-164
19	Silica (as SiO_2)	**10.6**	Not specified	mg/L	IS 3025 (Part 35): 1988
Biological Testing; Group: Water					
Bacteriological Parameters					
20	Total Coliforms	**Present**	Not specified	/100ml	APHA, 23rd Ed., 9223-B, 9-75 P-A Coliform test: 2017

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification

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Technical Manager (Biological)
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Saanvi Dalal
Section In-charge (Chemical)
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Sample ID : W/12/22/0570	Report No. W/12/22/0570	Report Date	30/12/2022

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End of Report

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ULR-TC550922000020375F

TEST REPORT

Sample ID : W/12/22/0569	Report No. W/12/22/0569	Report Date	30/12/2022
Name and address of Customer	**Lokmangal Mauli Industries Ltd.** A/P. - Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Water (Ground Water)
Sampling Location	Well - Khed Village	Date - Sampling	21/12/2022
Sample Quantity / Packing	5 L x 1 no. plastic can 250 ml x 1 no. sterile bottle	Date - Receipt of Sample	22/12/2022
Sampling Procedure	IS 1622:1981 & IS 3025(Part I):1987 & APHA 23rd Ed.2017, 1060 B,1-40, 9060 A,9-36 & 9060 B,9-39 & ISO 19458:2006	Date - Start of Analysis	22/12/2022
Order Reference	JO. No. 22-23/1CO00100 dated 13.12.2022	Date - Completion of Analysis	29/12/2022

Sr.No.	Parameter	Result	Acceptable Limit as per IS 10500:2012	Unit	Method
Chemical Testing; Group: Water, Residues in Water					
Physical & Chemical Parameters					
1	Colour	**1**	Max. 5	Hazen units	IS 3025 (Part 4): 1983
2	Odour	**Agreeable**	Agreeable	-	IS 3025 (Part 5): 2018
3	pH value	**8.02**	6.5-8.5	-	IS 3025 (Part 11): 1983
4	Turbidity	**BLQ (LOQ:0.2)**	Max. 1	NTU	IS 3025 (Part 10): 1984
5	Biochemical Oxygen Demand (3 days, 27°C)	**BLQ (LOQ:1)**	Not specified	mg/L	IS 3025 (Part 44): 1993
6	Chemical Oxygen Demand	**BLQ (LOQ:5)**	Not specified	mg/L	APHA, 23rd Ed., 5220-B, 5-18
7	Total Dissolved Solids	**508**	Max.500	mg/L	IS 3025 (Part 16): 1984
8	Calcium (as Ca)	**92.2**	Max. 75	mg/L	IS 3025 (Part 40): 1991
9	Chloride (as Cl)	**58.5**	Max. 250	mg/L	IS 3025 (Part 32):1988
10	Fluoride (as F)	**0.8**	Max.1.0	mg/L	IS 3025 (Part 60):2008
11	Free Residual Chlorine	**BLQ (LOQ:0.05)**	Min.0.2	mg/L	APHA, 23rd Ed., 4500-Cl-G, 4-72
12	Iron (as Fe)	**0.148**	Max.1.0	mg/L	IS 3025 (Part 2): 2019/ISO 11885:2007
13	Magnesium (as Mg)	**55.8**	Max. 30	mg/L	IS 3025 (Part 46): 1994
14	Nitrate (as NO_3)	**26.7**	Max.45	mg/L	APHA, 23rd Ed., 4500-NO3 B-4-127
15	Sulphate (as SO_4)	**58.8**	Max. 200	mg/L	IS 3025 (Part 24): 1986
16	Total Alkalinity (as $CaCO_3$)	**337**	Max. 200	mg/L	IS 3025(Part 23):1986
17	Total Hardness (as $CaCO_3$)	**460**	Max. 200	mg/L	IS 3025 (Part 21): 1983
18	Total Phosphate (as P)	**BLQ (LOQ:0.1)**	Not specified	mg/L	APHA, 23rd Ed., 4500 P.E, 4-164
19	Silica (as SiO_2)	**10.2**	Not specified	mg/L	IS 3025 (Part 35): 1988
Biological Testing; Group: Water					
Bacteriological Parameters					
20	Total Coliforms	**Present**	Not specified	/100ml	APHA, 23rd Ed., 9221-B, 9-75 P-A Coliform test: 2017

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification

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ULR-TC550922000020375F

Sample ID : W/12/22/0569	Report No. W/12/22/0569	Report Date	30/12/2022

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End of Report

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TEST REPORT

Sample ID : S/12/22/0315	Report No. S/12/22/0315	Report Date	29/12/2022
Name and address of Customer	**Lokmangal Mauli Industries Ltd.** A/P. - Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Soil
Sample Location	Lohara Village	Date - Sampling	20/12/2022
Sample Quantity / Packing	500 g x 1 no. plastic bag	Date - Receipt of Sample	22/12/2022
Sampling Procedure	AEC/SAM/37	Date - Start of Analysis	22/12/2022
Order Reference	JO No. : 22-23/1CO00100 dated 13.12.2022	Date - Completion of Analysis	28/12/2022

Sr. No.	Parameter	Result	Unit	Method
Chemical Testing; Group: Pollution & Environment				
1	pH (1:5 suspension)	**8.20**	-	FAO, Sec. III, 1, Page no.65
2	Electrical Conductivity (1:5 suspension, 25°C)	**1.349**	mmhos/cm	FAO, Sec. III, 5, Page no. 85
3	Moisture Content	**12**	% by Weight	Dept. of Agriculture & Cooperation, Ministry of Agriculture, Govt. of India, Jan 2011
4	Organic Matter	**0.79**	%	FAO, Sec. III, 3, Page no.73
5	Total Nitrogen (as N)	**79.3**	mg/kg	FAO, Sec III, 4, Page No. 78
6	Total Potassium (as K)	**1784**	mg/kg	USEPA/SW 846/7000B
7	Sodium (as Na)	**762**	mg/kg	USEPA/SW 846/7000B
8	Chloride (as Cl)	**991**	mg/kg	AEC/C/SAP/S-7
9	Sulphate (as SO_4)	**390**	mg/kg	USEPA/SW 846/9038

Note: All results are on air dry basis.
FAO: Food & Agriculture Organization, United Nations.
Sample ID S/12/22/0315 bears two Test Reports - S/12/22/0315 and S/12/22/0315N

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Technical Manager (Chemical)
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TEST REPORT

Sample ID : S/12/22/0315	Report No. S/12/22/0315N	Report Date	29/12/2022
Name and address of Customer	**Lokmangal Mauli Industries Ltd.** A/P. - Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Soil
Sample Location	Lohara Village	Date - Sampling	20/12/2022
Sample Quantity / Packing	500 g x 1 no. plastic bag	Date - Receipt of Sample	22/12/2022
Sampling Procedure	AEC/SAM/37	Date - Start of Analysis	22/12/2022
Order Reference	JO No. : 22-23/1CO00100 dated 13.12.2022	Date - Completion of Analysis	28/12/2022

Sr. No.	Parameter	Result	Unit	Method
Chemical Testing; Group: Pollution & Environment				
1	Calcium (as Ca)	**4.98**	%	USEPA/SW 846/6010C
2	Magnesium (as Mg)	**2.50**	mg/kg	AEC/C/SAP/S-40

Note: All results are on air dry basis.
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TEST REPORT

Sample ID : S/12/22/0314	Report No. S/12/22/0314	Report Date	29/12/2022
Name and address of Customer	**Lokmangal Mauli Industries Ltd.** A/P. - Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Soil
Sample Location	Khed Village (17°59'59.6" N 76°24'458"E)	Date - Sampling	20/12/2022
Sample Quantity / Packing	500 g x 1 no. plastic bag	Date - Receipt of Sample	22/12/2022
Sampling Procedure	AEC/SAM/37	Date - Start of Analysis	22/12/2022
Order Reference	JO No. : 22-23/1CO00100 dated 13.12.2022	Date - Completion of Analysis	28/12/2022

Sr. No.	Parameter	Result	Unit	Method
Chemical Testing; Group: Pollution & Environment				
1	pH (1:5 suspension)	**8.61**	-	FAO, Sec. III, 1, Page no.65
2	Electrical Conductivity (1:5 suspension, 25°C)	**0.257**	mmhos/cm	FAO, Sec. III, 5, Page no. 85
3	Moisture Content	**7.79**	% by Weight	Dept. of Agriculture & Cooperation, Ministry of Agriculture, Govt. of India, Jan 2011
4	Organic Matter	**0.69**	%	FAO, Sec. III, 3, Page no.73
5	Total Nitrogen (as N)	**83.7**	mg/kg	FAO, Sec III, 4, Page No. 78
6	Total Potassium (as K)	**1219**	mg/kg	USEPA/SW 846/3005B
7	Sodium (as Na)	**757**	mg/kg	USEPA/SW 846/7000B
8	Chloride (as Cl)	**105**	mg/kg	AEC/C/SAP/S-7
9	Sulphate (as SO_4)	**239**	mg/kg	USEPA/SW 846/9038

Note: All results are on air dry basis.
FAO: Food & Agriculture Organization, United Nations.
Sample ID S/12/22/0314 bears two Test Reports - S/12/22/0314 and S/12/22/0314N

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TEST REPORT

Sample ID : S/12/22/0314	Report No. S/12/22/0314N	Report Date	29/12/2022
Name and address of Customer	**Lokmangal Mauli Industries Ltd.** A/P. - Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Soil
Sample Location	Khed Village (17°59'59.6" N 76°24'458"E)	Date - Sampling	20/12/2022
Sample Quantity / Packing	500 g x 1 no. plastic bag	Date - Receipt of Sample	22/12/2022
Sampling Procedure	AEC/SAM/37	Date - Start of Analysis	22/12/2022
Order Reference	JO No. : 22-23/1CO00100 dated 13.12.2022	Date - Completion of Analysis	28/12/2022

Sr. No.	Parameter	Result	Unit	Method
Chemical Testing; Group: Pollution & Environment				
1	Calcium (as Ca)	**3.65**	%	USEPA/SW 846/6010C
2	Magnesium (as Mg)	**1.49**	mg/kg	AEC/C/SAP/S-01

Note: All results are on air dry basis.
FAO: Food & Agriculture Organization, United Nations.
Sample ID S/12/22/0314 bears two Test Reports - S/12/22/0314 and S/12/22/0314N

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ULR-TC550922000020609F

TEST REPORT

Sample ID : W/12/22/0571	Report No. W/12/22/0571	Report Date	30/12/2022
Name and address of Customer	**Lokmangal Mauli Industries Ltd.** A/P. - Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608,Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Water (Surface Water)
Sampling Location	Makani Dam	Date - Sampling	21/12/2022
Sample Quantity / Packing	5 L x 1 no. plastic can 250 ml x 1 no. sterile bottle	Date - Receipt of Sample	22/12/2022
Sampling Procedure	IS 1622:1981 & IS 3025(Part 1):1987 & APHA 23rd Ed.2017, 1060 B,1-40, 9060 A,9-36 & 9060 B,9-39 & ISO 19458:2006	Date - Start of Analysis	22/12/2022
Order Reference	JO. No. 22-23/1CO00100 dated 13.12.2022	Date - Completion of Analysis	29/12/2022

Sr.No.	Parameter	Result	Unit	Method
Chemical Testing; Group: Water, Residues in Water				
Physical & Chemical Parameters				
1	Colour	1	Hazen units	IS 3025 (Part 4):1983
2	Odour	Agreeable	-	IS 3025 (Part 5):2018
3	pH value	7.39	-	IS 3025 (Part 11):1983
4	Turbidity	BLQ (LOQ:0.2)	NTU	IS 3025 (Part 10):1984
5	Biochemical Oxygen Demand (3 days, 27°C)	BLQ (LOQ:1)	mg/L	IS 3025 (Part 44): 1993
6	Chemical Oxygen Demand	BLQ (LOQ:5)	mg/L	APHA, 23rd Ed., 5220-B, 5-18
7	Total Dissolved Solids	228	mg/L	IS 3025 (Part 16): 1984
8	Calcium (as Ca)	25.6	mg/L	IS 3025 (Part 40): 1991
9	Chloride (as Cl)	28.5	mg/L	IS 3025 (Part 32):1988
10	Fluoride (as F)	0.3	mg/L	IS 3025 (Part 60): 2008
11	Free Residual Chlorine	BLQ (LOQ:0.05)	mg/L	APHA, 23rd Ed., 4500-Cl-G, 4-72
12	Iron (as Fe)	0.347	mg/L	IS 3025 (Part 2):2019/ ISO 11885:2007
13	Magnesium (as Mg)	16	mg/L	IS 3025 (Part 46): 1994
14	Nitrate (as NO_3)	4.34	mg/L	APHA, 23rd Ed., 4500-NO3 B 4-127
15	Sulphate (as SO_4)	28.3	mg/L	IS 3025 (Part 24): 1986
16	Total Alkalinity (as $CaCO_3$)	127	mg/L	IS 3025(Part 23):1986
17	Total Hardness (as $CaCO_3$)	130	mg/L	IS 3025 (Part 21): 1983
18	Total Phosphate (as P)	BLQ (LOQ:0.1)	mg/L	APHA, 23rd Ed., 4500 P.E 4-164
19	Silica (as SiO_2)	10.2	mg/L	IS 3025 (Part 35): 1988
Biological Testing; Group: Water				
Bacteriological Parameters				
20	Total Coliforms	Present	/100 ml	APHA, 23rd Ed., 9221 B, 9-75 P-A Coliform test: 2017

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification

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Ashwamedh Engineers & Consultants Laboratory Services Division

End of Report

Kavita Shewale
Section In-charge (Chemical)
Reviewed & Authorised by

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ULR-TC550922000020580F

TEST REPORT

Sample ID : W/12/22/0645	Report No. W/12/22/0645	Report Date	31/12/2022
Name and address of Customer	**Lokmangal Agro Industries Ltd.** A/P. Bibi Darphal, Subhash Nagar, Tal. North Solapur, Dist. Solapur - 413222,Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Water (Surface Water)
Sampling Location	Pond - Backside Sugar Plant	Date - Sampling	23/12/2022
Sample Quantity / Packing	5 L x 1 no. plastic can 250 ml x 1 no. sterile bottle	Date - Receipt of Sample	24/12/2022
Sampling Procedure	IS 1622:1981 & IS 3025(Part I):1987 & APHA 23rd Ed.2017, 1060 B,1-40, 9060 A,9-36 & 9060 B,9-39 & ISO 19458:2006	Date - Start of Analysis	24/12/2022
Order Reference	JO. No. 22-23/SCO00082 dated 16.12.2022	Date - Completion of Analysis	30/12/2022

Sr.No.	Parameter	Result	Unit	Method
Chemical Testing; Group: Water, Residues in Water				
Physical & Chemical Parameters				
1	Colour	**1**	Hazen units	IS 3025 (Part 4):1983
2	Odour	**Agreeable**	-	IS 3025 (Part 5):2018
3	pH value	**7.61**	-	IS 3025 (Part 11):1983
4	Turbidity	**BLQ (LOQ:0.2)**	NTU	IS 3025 (Part 10):1984
5	Biochemical Oxygen Demand (3 days, 27°C)	**2**	mg/L	IS 3025 (Part 44): 1993
6	Chemical Oxygen Demand	**8**	mg/L	APHA, 23rd Ed., 5220-B, 5-18
7	Total Dissolved Solids	**1200**	mg/L	IS 3025 (Part 16): 1984
8	Calcium (as Ca)	**158**	mg/L	IS 3025 (Part 40): 1991
9	Chloride (as Cl)	**408**	mg/L	IS 3025 (Part 32):1988
10	Fluoride (as F)	**1.2**	mg/L	IS 3025 (Part 60):2008
11	Free Residual Chlorine	**BLQ (LOQ:0.05)**	mg/L	APHA, 23rd Ed., 4500-Cl-G, 4-72
12	Iron (as Fe)	**0.096**	mg/L	IS 3025 (Part 2):2019/ISO 11885:2007
13	Magnesium (as Mg)	**96.2**	mg/L	IS 3025 (Part 46): 1994
14	Nitrate (as NO_3)	**9.48**	mg/L	APHA, 23rd Ed., 4500-NO3 B-4-127
15	Sulphate (as SO_4)	**265**	mg/L	IS 3025 (Part 24): 1986
16	Total Alkalinity (as $CaCO_3$)	**210**	mg/L	IS 3025(Part 23):1986
17	Total Hardness (as $CaCO_3$)	**792**	mg/L	IS 3025 (Part 21): 1983
18	Total Phosphate (as P)	**BLQ (LOQ:0.1)**	mg/L	APHA, 23rd Ed., 4500 P.E, 4-164
19	Silica (as SiO_2)	**20**	mg/L	IS 3025 (Part 35): 1988
Biological Testing; Group: Water				
Bacteriological Parameters				
20	Total Coliforms	**Present**	/100 ml	APHA, 23rd Ed. 9221-D, 9-75 F-A Coliform test: 2017

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification

Divya Sharma
Technical Manager (Biological)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants
Laboratory Services Division
End of Report

Kavita Shewale
Section In-charge (Chemical)
Reviewed & Authorised by

Note:
1. The result listed refer only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh Engineers & Consultants
Laboratory Services Division
TC-5509

Ashwamedh Engineers & Consultants
Survey No. 102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik - 422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

TEST REPORT

Sample ID : E/12/22/0307	Report No. E/12/22/0307	Report Date	29/12/2022
Name and address of Customer	**Lokmangal Mauli Industries Ltd.** A/P. - Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Untreated Trade Effluent
Sampling Location	ETP Inlet	Date -Sampling	21/12/2022
Sample Quantity / Packing	2 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of sample	22/12/2022
Sampling Procedure	IS 3025 (Part 1):1987 Amds.1& APHA,23rd Ed.2017,1060 B,1-40	Date - Start of Analysis	22/12/2022
Order Reference	JO No. : 22-23/1/CO00100 dated 13.12.2022	Date - Completion of Analysis	28/12/2022

Sr.No.	Parameter	Result	Unit	Method
Chemical Testing; Group: Pollution & Environment				
1	pH	**4.09**	-	IS 3025 (Part 10):1983
2	Total Suspended Solids	**64**	mg/L	IS 3025 (Part 17):1984
3	Biochemical Oxygen Demand (3 days, 27°C)	**2533**	mg/L	IS 3025 (Part 44):1993
4	Chemical Oxygen Demand	**6800**	mg/L	APHA. 23rd Ed., 5220-B, 5-18
5	Total Dissolved Solids	**890**	mg/L	IS 3025 (Part 16):1984
6	Oil & Grease	**BLQ (LOQ:1)**	mg/L	APHA. 23rd Ed., 5520-B, 5-42
7	Chloride (as Cl)	**10.5**	mg/L	IS 3025 (Part 32):1988
8	Sulphate (as SO_4)	**31.2**	mg/L	IS 3025 (Part 24):1986

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants * Laboratory Services Division

End of Report

Note:
1. The result listed refer only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Annexure - II

Safety Management

LOKMANGAL MAULI IND. LTD LOHARA KH

TQ-LOHARA DIST-OSMANABAD

EMERGENCY EXIT

MILL SECTION

EMERGENCY ALARM

BOILING HOUSE

PAN SECTION

LOKMANGAL MAULI IND. LTD LOHARA KH

TQ-LOHARA DIST-OSMANABAD

EMERGENCY EXIT

CENTRIFUGAL SECTION

SUGAR PACKING ARE

TURBINE SECTION

BOILER SIDE

LOKMANGAL MAULI IND. LTD LOHARA KH

TQ-LOHARA DIST-OSMANABAD

FIRE VEHICLE PHOTO

FIRE FIGHTER STAND (BOILER AREA)

FIRE FIGHTER VEHICLE

FIGHTER VEHICLE DETAILS

a. Pump Type – Fire Fly Type
b. Tank Capacity – 9000Lit
c. 1 Monitor
d. Hoserill Pipe length – 50 Fit
e. Canvas hosepipe – 5 nos

LOKMANGAL MAULI IND. LTD LOHARA KHTQ-LOHARA DIST-OSMANABAD
MOCK DRILL PHOTO

Annexure - III

Boiler Stack Photos

Photographs of ESP system

Annexure - IV

Green Belt

Lokmangal Mauli Ind Ltd,

Green belt photos

Lokmangal Mauli Ind Ltd,

Green belt photos

Lokmangal Mauli Ind Ltd,

Green belt photos

Annexure - V

Consent To Operate Copy

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24023516
Website: http://mpcb.gov.in
Email: cac-cell@mpcb.gov.in

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

No:- Format1.0/CAC/UAN No.MPCB-CONSENT-0000116031/CR/2303000934

Date: 15/03/2023

To,
Lokmangal Mauli Industries Limited,
Gut number -67, 68,69 & 80, Village - Lohara Khurd,
Tal. - Lohara, Dist. - Osmanabad.

Your Service is Our Duty

Sub: Renewal of consent for 6000 TCD sugar and 30 MW cogeneration unit, under RED category.

Ref:
1. **Earlier consent granted vide no. Format1.0/CAC/UAN No.MPCB-CONSENT-0000094132/CR-2012000521 dated 10.12.2020.**
2. **Minutes of 6th CAC meeting held in 15.09.2021 & 24.09.2021.**

Your application No.MPCB-CONSENT-0000116031 Dated 30.06.2021

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

1. **The Consent to Renewal is granted upto: 31.07.2024**
2. **The capital investment of the industry is Rs.377.0474 Crs. (As per C.A Certificate submitted by industry).**
3. **Consent is valid for the manufacture of:**

Sr No	Product	Maximum Quantity	UOM
1	Sugar	21600	MT/M
2	Electric Power	30	Mwh
3	Bagasse	54000	MT/M
4	Press Mud	7200	MT/M
5	Molasses	7200	MT/M

3. **Industry shall not exceed crushing capacity more 6000 TCD.**
4. **Conditions under Water (P&CP) Act, 1974 for discharge of effluent:**

Sr No	Description	Permitted in CMD	Standards to	Disposal
1.	Trade effluent	660	As per Schedule -I	100 CMD 100% recycle & 560 CMD on land for irrigation.
2.	Domestic effluent	25	As per Schedule - I	On land for gardening

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

Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	Boiler (135 TPH)	1	As per Schedule -II
2	DG Set (1000 KVA)	1	As per Schedule -II
3	DG Set (1000 KVA)	1	As per Schedule -II

(As per previous consent of existing unit)

6. **Conditions about Non Hazardous Wastes:**

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	Fly and bottom ash	480	MT/M	NA	Sale to brick manufacturer/use as a soil conditioner/ use as a binder of compost/use for reclamation
2	ETP sludge	6	MT/M	NA	Use as a manure

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2008 for treatment and disposal of hazardous waste:**

Sr No	Type of Waste	HW Category.	Quantity & UoM	Treatment	Disposal
1	5.1 Used or spent oil	5.1	0.5 MT/M	Incineration	Incinerate in own boiler

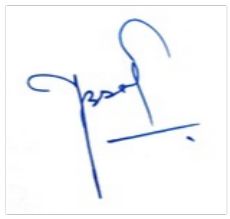
The applicant shall ensure disposal to the Actual user having permissions under Rule 9 of Hazardous and other Waste (M & TM) Rules, 2016.

a. The applicant shall properly collect, transport & regularly dispose of the hazardous waste to CHWTSDF, in compliance of the Hazardous & Other Wastes (Management & Transboundry Movement) Rules, 2016 and keep proper manifest thereof.

8. The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
10. Industry shall connect online CMS data as per CPCB guidelines to CPCB & MPCB Servers.
11. Industry shall stop production activity voluntarily in case of failure of operation and maintenance of the ETP system as preventive measures.
12. Industry shall extend all existing BGs towards O&M of pollution control systems and towards compliance of the Consent conditions.
13. This consent is issued as per the 6th Consent Appraisal Committee meeting dated 15.09.2021 & 24.09.2021.
14. The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.
15. Industry shall submit bank guarantee of Rs. 25 lakhs towards O & M of pollution control systems and compliance of consent conditions.

16. Industry shall minimize use of raw water for cooling tower and use treated effluent for cooling purpose

This consent is issued as per communication letter dated 03/11/2022 which is approved by competent authority of the board.



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Signed by: Dr. Y.B.Sontakke
Joint Director(WPC) & InCharge Of CAC-Cell
For and on behalf of,
Maharashtra Pollution Control Board
cac-cell@mpcb.gov.in
2023-03-15 15:01:52 IST

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	2262284.00	TXN2106001672	30/06/2021	Online Payment
2	15000.00	MPCB-DR-6854	09/07/2021	NEFT

0

Copy to:

1. Regional Officer, MPCB, Aurangabad and Sub-Regional Officer, MPCB, Latur

- They are directed to ensure the compliance of the consent conditions.

-

2. Chief Accounts Officer, MPCB,Sion, Mumbai
3. CC-CAC desk - for record & website updation.

SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

1) **A] As per your application, you have provided Effluent Treatment Plant (ETP) of designed capacity of 786 CMD consisting of Primary, Secondary, Tertiary for treatment of 660 CMD industrial effluent.**

B] Industry has provide CPU for recycle/reuse of treated effluent.

C] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

Sr. No.	*Parameters*	*Limiting concentration not to exceed in mg/l, except for pH*
(1)	pH	5.5-9.0
(2)	Oil & Grease	10
(3)	BOD (3 days 27^{o} C)	100
(4)	Sulphate	1000
(5)	Suspended Solids	100
(6)	COD	250
(7)	Chloride	600
(8)	Total Dissolved Solids	2100

D] The treated effluent 560.00 CMD shall be disposed on land for irrigation on 75.00 hectares of own land /as per the bilateral agreement with farmers. In no any case treated/untreated effluent shall find its way outside the factory premises directly or indirectly.

E] 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.

F] Trade effluent of 100.00 CMD generated from Co-gen shall be 100% recycle in process.

G] CREP conditions for Sugar Factory

i. Operation of ETP shall be started at least one month before starting of cane crushing to achieve desired MLSS. So as to meet prescribed standards from day one the operation of mill.

ii. Waste water generation shall be reduced to 100 liters per tone of cane crushed.

iii. Industry shall achieve zero discharge into in land surface water bodies.

iv. 15 days' storage capacity tank shall be provided for treated effluent to take care during no demand for irrigation.

H] Industry to make necessary arrangement to cover the effluent collection system and to avoid the ingress of Bagasse and other material.

I] The unit shall operate ETP even after completion of the crushing season so that any effluent generated during washing & maintenance activity is to be discharged after proper treatment.

J] The unit shall optimize water use in industrial process & maintain records.

2) A] **As per your application, you have provided sceptic tank and soak pit for the treatment of 25 CMD sewage.**

B] **The applicant shall operate sewage treatment system to treat sewage so as to achieve the following standards/ prescribed under EP Act 1986 and rules made under time to time, whichever is stringent.**

1	Suspended Solids	Not to exceed	100 mg/l
2	BOD 3 days (27°C)	Not to exceed	100 mg/l

C] **The treated sewage shall be 100% reused/recycled for gardening purpose within premise. In no any case, sewage shall find its way outside Company's premises.**

3) The industry shall have bilateral agreement with the farmers on whose land the treated effluent is used for irrigation purposes and a copy of the agreements with validity shall be submitted to the Regional/Sub- Regional Office of the Board.

4) The industry shall create Environmental Cell by appointing an Environmental Engineer, Chemist and Agriculture expert for looking after day to day activities related to Environment and irrigation field where treated effluent is used for irrigation.

5) CONDITIONS FOR MOLASSES STORAGE:

(i) The molasses shall be properly collected and stored in steel tanks which shall be leak proof. At no stage of handling of molasses, there shall be leakage or spillage.

(ii) The capacity of tanks for storage of molasses shall be such that it will take care of bumper production of sugar, non-lifting of molasses etc.

(iii) All the area on which molasses are stored and handled should be provided with drain for diverting the spills to the treatment plant/ molasses tank. Suitable arrangements for accidental discharges of molasses from the tanks shall be provided to contain the same within factory premises.

(iv) Destruction of molasses and its disposal shall not be done without specific permission in writing from the authorized officer of the Board. Intimation of intention to destroy or dispose of the molasses shall be given to the Board at least 15 (fifteen) days in advance by registered post under intimation to the Sub-Regional officer and Regional officer of the Board under whose jurisdiction the factory is situated.

(v) The storage tanks shall be kept in good conditions all the year round with adequate maintenance. The tanks size and capacity per cm, height, total capacity in tonnes shall be displayed prominently near /on the tank.

(vi) The above conditions shall be in addition to and not in derogation of the provisions contained in the "Bombay Molasses Rules, 1955? and "Maharashtra Molasses Storage and Supply Regulation, 1965?.

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 / CREP guidelines if applicable.

7) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification there of & 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.

8) 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.

9) The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters, and other provisions as contained in the said act:

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	495.00
2.	Domestic purpose	40.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	700.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Grandening	0

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

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) and observe the following fuel pattern-

Stack No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM	S%	SO_2
1	Boiler (135 TPH)	ESP	85	Bagasse	1464 MT/Day	0.20	5856.00
2	DG Set (1000 KVA)	Acoustic Enclosure	6.1	HSD	250 Lit/Day	1.00	120.00
3	DG Set (1000 KVA)	Acoustic Enclosure	6.1	HSD	250 Lit/Day	1.00	120.00

(As per previous consent of existing unit)

2) The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.

1 The Applicant shall provide ESP/ Bag filter/ Wet scrubber to the Bagasse fired boiler and Dust Collector to Sugar bagging section as an Air Pollution control equipments OR as per the conditions of EP Act, 1986 and rule made there under from time to time / Environmental Clearance / CREP guidelines.

2 The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Total Particulate matter	Not to exceed	150 mg/Nm3

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 Industry should not use auxiliary fuel more than 15 % (as per amendment in EIA Notification 2009, power plant upto 15 MW based on Bio-mass and using auxiliary fuel as coal upto 15% are exempt.) as co-gen capacity is below 15 MW.

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).

SCHEDULE-III

Details of Bank Guarantees:

Sr. No.	Consent(C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C to R	2500000	15 days/To be extended	Towards O & M of pollution control systems and compliance of consent conditions	31.07.2022	30.11.2022

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						

SCHEDULE-IV

General Conditions:

1 The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.

2 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.

3 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 equipment, the production process connected to it shall be stopped.

4 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.

5 The firm shall submit to this office, the 30th day of September every year, the Environmental 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.

6 The industry should comply with the Hazardous & Other Wastes (M & TM) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous & Other Wastes (M & TM) Rules, 2016 for the preceding year April to March in Form-IV by 30th June of every year.

7 An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.

8 The industry shall constitute an Environmental cell with qualified staff/personnel/agency to see the day to day compliance of consent condition towards Environment Protection.

9 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.

10 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.

11 The industry shall submit official e-mail address and any change will be duly informed to the MPCB.

12 Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.

13 The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the H&OW(M&TM) Rules 2016, which can be recycled/processed/ reused/ recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/ reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.

14 Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act,1981 and Environmental Protection Act,1986 and industry specific standard under EP Rules 1986 which are available on MPCB website(www.mpcb.gov.in).

15 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.

16 Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.

17. 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 sitting 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.

18 The industry should not cause any nuisance in surrounding area.

19 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.

20 The applicant shall maintain good housekeeping.

21 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.

22 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 equipment 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.

23 The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.

24 The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification dtd. 16.11.2009 as amended.

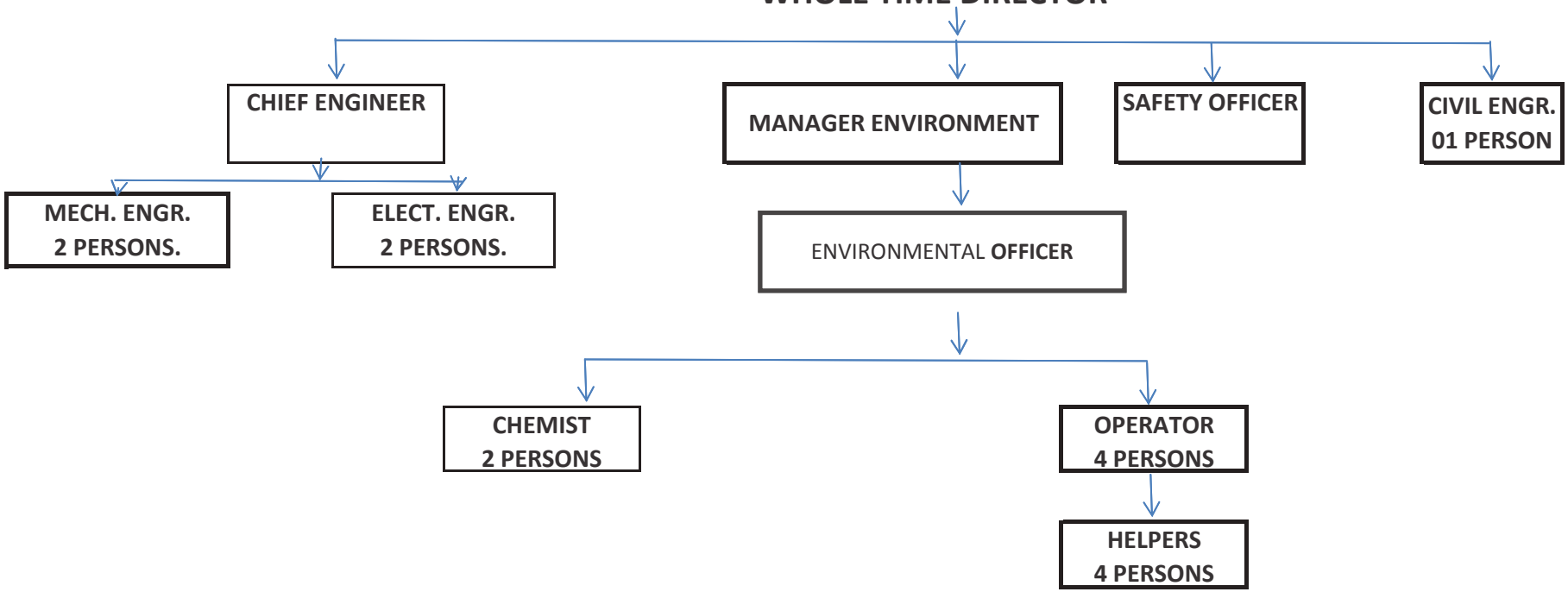
This certificate is digitally & electronically signed.

Annexure - VI

Environment Management Cell

LOKMANGAL MAULI IND. LTD., LOHARA MAHARASHTRA.

HIERARCHY CHART OF ENVIRONMENTAL CELL



Annexure - VII

Silo for Bottom & Fly Ash Storage

Lokmangal Mauli Ind Ltd,

Silo for collecting & storing of bottom & fly ash

Annexure - VIII

Published Advertise in News Papers

Lokmangal Mauli Industries Ltd.

Village-Lohara (Khurd)-Khed,
Tal-Lohara,Dist Osmanabad.

PUBLIC NOTICE

This is to inform all concerned that the Ministry of Environment & Forests Government of India, New Delhi has accorded environmental clearance for our proposed 30 MW Bagasse and biomass based cogeneration power plant wide letter F. No. J-13012/02/2012-IA. II (T) dated on 25.02.2014.

The copies of the environmental clearance are available with Maharashtra pollution control Board Office and may also be seen at website of Ministry at http://moef.nic.in

Director
Lokmangal Mauli Industries Ltd.

लोकमंगल माऊली इंडस्ट्रिज लि:

लोहारा (खुर्द) खेड, ता. लोहारा, जि. उस्मानाबाद.

जाहीर प्रगटन

पर्यावरण तथा वन मंत्रालय (MOEF) भारत सरकार यांनी लोकमंगल माऊली इंडस्ट्रिज लि. लोहारा (खुर्द) खेड, ता. लोहारा, जि. उस्मानाबाद यांच्या नविन प्रकल्पास ३० मेगावॅट विद्युत निर्मितीसाठी लागणारे पर्यावरण विषयक मंजुरी पत्र (Environmental Clearance) क्र.F.No. J-13012/02/2012-iA.II (T) दिनांक २५ फेब्रुवारी २०१४ नुसार दिलेले आहे. सदरील पत्र महाराष्ट्र प्रदुषण नियंत्रण मंडळ यांचे कार्यालयात अथवा मंत्रालयाची वेबसाईट http//moef.nic येथे पाहू शकता.

संचालक
लोकमंगल माऊली इंडस्ट्रिज लि.

Annexure - IX

DG Set With Stack attached

LMIL

DG System

Annexure – X

Environment Clearance

SEAC-2013/C.R.538/TC-II dated 11/06/2014 & F. No. J-13012/02/2012-IA.II(T) dated 25/02/2014

F. No. J-13012/02/2012-IA.II(T)
Government of India
Ministry of Environment & Forests

Ph: 011-2436 4067
E-mail: sarojmoef@yahoo.com
Paryavaran Bhawan
CGO Complex, Lodi Road
New Delhi-110 003

Dated: 25.02.2014.

To

M/s Lokmangal Mauli Industries Ltd.,
Lokmangal House, 8536-A/11 Murarji Peth,
Near Old Poona Naka,
Solapur, Maharashtra - 413 001.

Sub: 30 MW Bagasse and Biomass based Power Plant of M/s. Lokmangal Mauli Industries Ltd. at Village Lohara Khurd, Taluk: Lohara District: Osmanabad, in Maharashtra- reg. Environmental Clearance.

Sir,

The undersigned is directed to refer to your letter dated 13.07.2013, on the subject mentioned above. The Ministry of Environment & Forests has examined the application.

2. It is noted that the proposal is for setting up of 30 MW Bagasse and Biomass Based Power Plant at village Lohara Khurd, Taluk Lohara, District Osmanabad, in Maharashtra. The power plant shall consists of 135 TPH Boiler and a 30 MW extraction cum condensing type Steam Turbine. Bagasse and other bio-mass will be used as fuel. Environmental clearance for the sugar plant of capacity 6000 TCD shall be obtained from the SEIAA, Maharashtra as the same is a 'B' category project. The power plant will run for 300 days. Bagasse requirement will be 54000 MT/month. During 180 days the plant will run with Bagasse from own sugar mill and for the rest of 120 off season days Bagasse will be obtained from own saved Bagasse and from outside neighbouring sugar mills. ESP meeting 100 mg/Nm^3 will be installed. Fly ash generated will be collected in ash silo and will be given to farmers for use as manure. No woody Bio-Mass will be used. Out of 30 MW, about 17 MW will be sold to the grid. Land requirement will be 50 Ha which is already acquired. The co-ordinates of the site are located at Latitude $17^0$59'23" N and Longitude $76^0$22'23" E. Water requirement will be 900 m^3/day which will be sourced from Makani Dam on Terana River. There are no National Parks, Wildlife Sanctuaries, Heritage Sites, Tiger/Biosphere reserves etc. within 10 km of the project site. Public Hearing was held on 26.10.2012. Cost of the project will be Rs.282.17 Crores.

3. The project has been considered in accordance with the provisions of the EIA notification issued by the Ministry of Environment & Forests vide S.O. 1533 (E), dated September 14, 2006.

4. Based on the information submitted by you, as at Para 2 above and others and presentation made before the Expert Appraisal Committee (Thermal

Power) in its 3rd Meeting held during October 10, 2013, by you and your consultant viz. M/s. Mantras Green Resources Ltd. the Ministry of Environment and Forests hereby accords environmental clearance to the above project under the provisions of EIA notification dated September 14, 2006, subject to the compliance of the following Specific and General conditions:

A. Specific Conditions:

i) To control the particulate emission from the boiler, ESP meeting 100 mg/Nm^3 shall be installed.

ii) Bag filters shall be provided for control of fugitive emissions from the ash handling areas.

iii) A stack of 76 m height shall be installed.

iv) The project proponent shall undertake rain water harvesting measures and shall develop water storage for use in operation of the plant. Rain water harvesting system shall be put in place which shall comprise of rain water collection from the built up and open area in the plant premises. Action Plan for implementation shall be submitted to the Ministry.

v) COC of 4.0 shall be adopted.

vi) Waste water generated from the plant shall be treated before discharge to comply limits prescribed by the SPCB.

vii) Fly ash generated shall be provided to farmers to be used as manure or disposed of as per Fly Ash Utilization Notification, 1999 and as amended subsequently.

viii) A minimum amount of 0.4% of the project cost as one time capital cost shall be earmarked for activities to be taken up under CSR during construction phase of the Project. Recurring expenditure for CSR thereafter shall be 1/5th of the capital cost per annum or as per CSR guidelines of Govt. of India, whichever is more till the life of the plant.

ix) CSR schemes should address Public Hearing issues and shall be undertaken based on need assessment in and around the villages within 5 km of the site and in constant consultation with the village Panchayat and the District Administration. As part of CSR employment of local youth after imparting relevant training, as may be necessary, shall be undertaken as committed.

x) It shall be ensured that an in-built monitoring mechanism for the CSR schemes identified is in place and annual social audit shall be got done from the nearest Government institute of repute in the region. The project proponent shall also submit the status of implementation of the scheme from time to time besides putting their programs along with budgetary allocation on company's website.

xi) Green Belt consisting of 3 tiers of plantations of native species around the plant boundary comprising of atleast 33% of total land for both sugar plant and proposed thermal power plant shall be raised. The density of trees shall not be less than 2500 per Ha and rate of survival at least 80%.

xii) An Environmental Cell shall be created at the project site itself and shall be headed by an officer of appropriate superiority and qualification. It shall be ensured that the Head of the Cell shall directly report to the Head of the organization.

B. General Conditions:

i) No water bodies (including natural drainage system) in the area shall be disturbed due to activities associated with the setting up / operation of the power plant.

ii) Monitoring surface water quality and quantity in the area shall also be regularly conducted and records maintained. The monitored data shall be submitted to the Ministry regularly. Further, monitoring points shall be located between the plant and drainage in the direction of flow of ground water and records maintained.

iii) Wastewater generated from the plant shall be treated before discharge to comply limits prescribed by the SPCB/CPCB.

iv) The treated effluents conforming to the prescribed standards only shall be re-circulated and reused within the plant. Arrangements shall be made that effluents and storm water do not get mixed.

v) A sewage treatment plant shall be provided (as applicable) and the treated sewage shall be used for raising greenbelt/plantation. Continuous monitoring of effluent discharge shall be undertaken and it shall be ensured that when discharge enters the natural drain the temperature of effluent shall be at ambient.

vi) A well designed rain water harvesting system shall be put in place which shall comprise of rain water collection from the built up and open area in the plant premises. Action plan for implementation shall be submitted to the Regional Office of the Ministry **within six months**.

vii) Noise levels emanating from turbines shall be so controlled such that the noise in the work zone shall be limited to 85 dB(A) from source. For people working in the high noise area, requisite personal protective equipment like earplugs/ear muffs etc. shall be provided. Workers engaged in noisy areas such as turbine area, air compressors etc shall be periodically examined to maintain audiometric record and for treatment for any hearing loss including shifting to non noisy/less noisy areas.

viii) Regular monitoring of ambient air ground level concentration of SO_2, NOx, $PM_{2.5}$ & PM_{10} and Hg shall be carried out in the impact zone and records maintained. If at any stage these levels are found to exceed the prescribed limits, necessary control measures shall be provided immediately. The location of the monitoring stations and frequency of

monitoring shall be decided in consultation with SPCB. Periodic reports shall be submitted to the Regional Office of this Ministry. The data shall also be put on the website of the company.

ix) Well designed acoustic enclosures for the DG sets and noise emitting equipments to achieve the desirable insertion loss viz. 25 dB(A) should be provided.

x) Additional soil for leveling of the sites should be generated within the site in a way that natural drainage system of the area is protected and improved.

xi) Storage facilities for auxiliary liquid fuel such as LDO/ HFO/LSHS shall be made in the plant area in consultation with Department of Explosives, Nagpur. Sulphur content in the liquid fuel will not exceed 0.5%. Disaster Management Plan shall be prepared to meet any eventuality in case of an accident taking place due to storage of oil.

xii) First Aid and sanitation arrangements shall be made for the drivers and other contract workers during construction phase.

xiii) Provision shall be made for the housing of construction labour (as applicable) within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.

xiv) The project proponent shall also adequately contribute in the development of the neighbouring villages. Special package with implementation schedule for providing potable drinking water supply in the nearby villages and schools shall be undertaken in a time bound manner.

xv) While identifying CSR activities it shall be ensured that need based assessment for the nearby villages within study area shall be conducted to study economic measures with action plan which can help in upliftment of poorer sections of society. Income generating projects consistent with the traditional skills of the people shall be undertaken. Development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such programme. Company shall provide separate budget for community development activities and income generating programmes. Vocational training programme for possible self employment shall be imparted to pre identified villagers free of cost.

xvi) Green Belt consisting of 3 tiers of plantations of native species around the plant and at least 50 m width all around shall be developed except in places not feasible which shall be clearly specified and justification submitted. The vegetation density of trees shall not be less than 2500 per Ha and rate of survival atleast 75%.

xvii) An Environmental Cell comprising of atleast one expert in environmental science / engineering, occupational health and social scientist, shall be created preferably at the project site itself and shall be headed by an officer of appropriate superiority and qualification. It shall be ensured that the Head of the Cell shall directly report to the head of the

organization who would be accountable for implementation of environmental regulations and social impact improvement/mitigation measures.

xviii) The project proponent shall advertise in at least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned within seven days from the date of this clearance letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the State Pollution Control Board/Committee and may also be seen at Website of the Ministry of Environment and Forests at http://envfor.nic.in.

xix) A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad / Municipal Corporation, urban local Body and the Local NGO, if any, from whom suggestions/representations, if any, received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.

xx) The proponent shall upload the status of compliance of the stipulated environmental clearance 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 ($PM_{2.5}$ & PM_{10}), SO_2, NO_x (ambient levels as well as stack emissions) shall be displayed at a convenient location near the main gate of the company in the public domain.

xxi) The environment statement for each financial year ending 31st 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 environmental clearance conditions and shall also be sent to the respective Regional Offices of the Ministry by e-mail.

xxii) The project proponent shall submit six monthly reports on the status of the implementation of the stipulated environmental safeguards to the Ministry of Environment and Forests, its Regional Office, Central Pollution Control Board and State Pollution Control Board. The project proponent shall upload the status of compliance of the environment of the environmental clearance conditions on their website and update the same periodically and simultaneously send the same by e-mail to the Regional Office, Ministry of Environment and Forests.

xxiii) Regional Office of the Ministry of Environment & Forests will monitor the implementation of the stipulated conditions. A complete set of documents including Environmental Impact Assessment Report and Environment Management Plan along with the additional information submitted from time to time shall be forwarded to the Regional Office for their use during monitoring. Project proponent will up-load the compliance status in their website and up-date the same from time to time at least six

monthly basis. **Criteria pollutants levels including NO_x (from stack & ambient air) shall be displayed at the main gate of the power plant.**

xxiv) Separate funds shall be allocated for implementation of environmental protection measures 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 purposes and year-wise expenditure should be reported to the Ministry.

xxv) The project authorities shall inform the Regional Office as well as the Ministry regarding the date of financial closure and final approval of the project by the concerned authorities and the dates of start of land development work and commissioning of plant.

xxvi) Full cooperation shall be extended to the Scientists/Officers from the Ministry / Regional Office of the Ministry / CPCB/ SPCB who would be monitoring the compliance of environmental status.

5. The Ministry of Environment and Forests reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the Ministry. The Ministry may also impose additional environmental conditions or modify the existing ones, if necessary.

6. The environmental clearance accorded **shall be valid for a period of 5 years** to start operations by the power plant.

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

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

9. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management, Handling & Transboundary Movement) Rules, 2008 and its amendments, the Public Liability Insurance Act, 1991 and its amendments.

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

Yours faithfully,

(**Dr. Saroj**)
Director

Copy to:

1. The Secretary, Ministry of Power, Shram Shakti Bhawan, Rafi Marg, New Delhi 110001.
2. The Secretary (Environment), Forests and Environment Department Government of Maharashtra.
3. The Chairman, Central Electricity Authority, Sewa Bhawan, R.K. Puram, New Delhi-110066.
4. The Chairman, Maharashtra Pradesh State Pollution Control Board, Kalpataru Point, 3rd & 4th Floors, Sion Matunga Scheme Road No. 6, Opp. cine Planet, Sion Circle, Sion (E), Mumbai – 400 022
5. The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi- 110032.
6. The Chief Conservator of Forests, Regional Office (WZ), E-5, Kendriya Paryavaran Bhawan, Arera Colony, Ravishankar Nagar, Bhopal - 462016.
7. The District Collector, Osmanabad District, Govt. of Maharashtra.
8. The Director (EI), MOEF.
9. Guard file.
10. Monitoring file.

(**Dr. Saroj**)
Director

Government of Maharashtra

SEAC-2013/C.R.538/TC-II
Environment department
Room No. 217, 2nd floor,
Mantralaya Annexe,
Mumbai- 400 032.
Dated: 11th June, 2014

To,
M/s. Lokmangal Mauli Industries Ltd.
Village -Khed, Tal Lohara,
Distt. Osmanabad

Subject: Environment clearance for proposed sugar production of 6000 TCD at Khed, Tal Lohara, Distt. Osmanabad by M/s. Lokmangal Mauli Industries Ltd.

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification, 2006, by the State Level Expert Appraisal Committee-I, Maharashtra in its 73rd 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 70th Meeting.

2. It is noted that the proposal is for grant of Environment Clearance for proposed sugar production of 6000 TCD at Khed, Tal Lohara, Dist. Osmanabad. SEAC considered the project under screening category 5(j) B1 of EIA Notification 2006.

Brief Information of the project submitted by Project Proponent is as:

Name of the Project	Proposed Sugar production of 6000TCD.
Project Proponent	M/s. Lokmangal Mauli Industries Ltd., Village- khed, Tal-Lohara, District- Osmanabad, Maharashtra
Consultant	Mantras Green Resource Ltd.
Category as per EIA Notification	5(j)
Total plot Area: Built up Area : Notified Industrial	123.5 acres 12.35 acres No
EIA Submitted	Consolidated EIA for 6000 TCD sugar mill and 30 MW cogen submitted to MoEF
Estimated cost of the project	Rs 240 Cr

<table>
<tr><td>Location details of the project :</td><td>1. Latitude - 17^0 59'23"N
2. Longitude- 76^0 22'23"E
3. Elevation above Mean Sea Level - 682 M
4. Nature of terrain (hilly, valley, plains, Coastal plains etc.) - Plains
5. Nature of Soil (sandy, clayey, sandy loam etc.) – clayey Black soil</td></tr>
<tr><td>Water Conservation</td><td>I. Rain Water Harvesting (RWH): PP plans to provide unlined day tank for three days storage of about 5000 m3 capacity and use it after filtration to reduce fresh water intake and allow water to percolate in ground.

II. Water supply-
Total water required:
Source: Lower Terna Dam,
commitment letter to be obtained from Central/State Ground water authorities)
Quantity of recycled water: (m^3/day)
Total Water Requirement: 1300 m^3/day
(i) Process : 700 m^3/day
(ii) Cooling water : 333 m^3/day
(iii) DM Water 162 m^3/day
(iv) Dust Suppression: 100 m^3/day (Blow down water recycled)
(v) Domestic 100 m^3/day
(vi) Green belt : 150 m3/day</td></tr>
<tr><td>Sewage and Waste Water</td><td>I. Storm water drainage:
II. Total Effluent generation : 449 m^3/day
• Domestic Effluent: 100 m^3/day
Capacity of STP: To be treated in ETP
• Trade Effluent: 660 m^3/day
Treated in own ETP.
• Capacity of ETP: 1000 m3/day
• Physico- chemical analysis of treated water to be used in project:
• Point of final discharge (Quantity discharged in m^3/day)
III.
<table>
<tr><td>Parameters(pH, BOD, COD, etc)</td><td>Untreated</td><td>Treated</td></tr>
<tr><td>pH</td><td>6-8</td><td>In between 5.5 -9</td></tr>
<tr><td>BOD</td><td>1500</td><td>Below 100</td></tr>
<tr><td>COD</td><td>2500</td><td>Below 100</td></tr>
<tr><td>TSS</td><td>600</td><td>Below 100</td></tr>
</table></td></tr>
<tr><td>Solid waste Management:</td><td>
<table>
<tr><td>Sr. No</td><td>Source</td><td>QTY (TPM)</td><td>From (sludge/dry slurry e.t.c.)</td><td>compa nion</td></tr>
</table></td></tr>
</table>

	1	Raw water treatment plant	--	--	--
	2	ETP	6.0	--	--
	3	Process bagasse	45000	--	--
		Process Pressmud	7200		
	4	Spent catalyst	Nil	--	--
	5	Oily sludge	3.0		

Green Belt Development	Green belt area : 33 % Area used for green belt development – 40 acre. Total no of trees planted 25000.

Details of Fuel used: Source of Fuel :
Mode of Transportation of fuel to site

Fuel consumption	Coal	Bagasse	HSD
Fuel consumption	Nil	1472 MTD	500 Kg/hr.
Calorific value Kcal/kg	N.A.	2270	10000
Ash content %	N.A.	1.5%	--

Energy

Total Power Requirement (MW); - 5650 KW in season
-300 KW off season

Source of Power – own power plant
Present (in existing) – in existing
Proposed : 30 MW
DG Set : 2000 KVA

Environmental Managementplan Budgetary Allocation :

Sr.No	Item	Recurring Cost Per Annum Rs lacs	Capital Cost Rs lacs
1	Air Pollution Control	60	1000
2	Water Pollution Control	70	900
3	Noise Pollution Control	10	100
4	Environmental Monitoring And Management	30	100
5	Reclamation Borrow/Mined Area	--	--
6	Occupational Health	20	100
7	Green Belt	20	200

Public Hearing details:	A. Date of Advertisement: 23/09/2012 B. Newspapers in which the advertisement appeared (With copies)- daily Lokmat & Lokmat times. C. Date of Hearing : 26 /10 / 2012 D. Panel Present: Shri K M Nagargoje Collector and DM (Osmanabad) Shri P M Joshi Regional Officer MPCB Aurangabad Shri Nitin Shinde Sub Regional officer MPCB Latur

Raw materials:

'Physical and chemical nature of raw material	Quantity (T/M) full production	Source of materials	Means of transportation (Source to storage site)
Solid	1,80,000	Nearest farms	Through bulleccarts or trucks
Solid	300	Purchase from	By truck
Liquid	4.0	Purchase from	By truck
Semisolid	3.25	Purchase from	By truck
Solid	233 kg/month	Purchase from	By truck
Solid	330 kg/month	Purchase from	By truck
Solid	105 kg/month	Purchase from	By truck
Liquid	1905 kg/month	Purchase from	By truck
Solid	36870	From own factory	By in built in conveyors

Product Profile (Tones per month) :

Products	Existing	Proposed activity	Total
A. Main Products	Nil	White crystalline sugar – 21600 MT/month	White crystalline sugar – 21600 MT/month
B. By-Products	Nil	Bagasse – 54000 MT/month Molasses – 7200 MT/month Press mud – 7200 MT/Month	Bagasse – 54000 MT/month Molasses – 7200 MT/Month Press mud – 7200 MT/Month
C. Intermediate Products	Nil	Nil	Nil

Storage of chemicals (inflammable/explosive/hazardous/toxic substances) :

Sr. No	Name	Capacity	Physical and Chemical Compos	Consumption (MT/M)	Maximum Quantity of storage at any	Source of Supply	Means of transportation
1	Phosphoric acid	0.266 kg/100 quintal cane	Liquid	4.8	10 MT	Purchase from market	By truck
2	Caustic soda	0.220 Kg/100 QTL Cane.	Solid	396 kg/month	20 KL	Purchase from market	By tanker
3	Sulfur	5 kg/100 quintal cane	Solid	90 MT/Month	50 MT	Purchase from market	By tanker
4	Sulfuric	--	Liquid	---	20 KL	Purchas	By truck

	acid					e from market	
5	Hydrochloric acid	0.127 Kg/100 QTL Cane	Liquid	---	20 KL	Purchase from market	By tanker

Details of Pollution Control Systems:

Item	Existing	Proposed to be installed
Air	Nil	Electrostatic precipitator will be installed to control air pollution to limit particulate emission to within 150 mg/nm^3. Emission of SO_2 will be restricted 171 kg/hr if D G set is run at full load 85 m high chimney proposed
Water	Nil	1000 m3/day capacity ETP is proposed complete bio digester , oil and grease separator, equalization tank, primary treatment, secondary treatment, clarification followed by filtration
Noise	Nil	Acoustic enclosure on D G set will be provided to limit noise.
Solid Waste	Nil	6.0 MT/month ETP sludge is used as manure own agricultural area.

Atmospheric Emissions:
Flue gas characteristics (SPM, SO_2, NO_X, CO) :

Sr. No.	Pollutant	Source of Emission	Emission rate (kg/hr)	Concentration in flue gas (g/m^3)
1	SPM	Boiler	620	1.6
2	SO_2	Boiler	Negligible	Negligible
3	NO_X	Boiler/	Negligible	Negligible
4	CO	Boiler/	Negligible	Negligible
1	SPM	DG set	Negligible	Negligible
2	SO2	DG set	171 kg/hr if run at full	171 kg/hr if run at full
3	NOx	DG set	Negligible	Negligible
4	CO	DG set	Negligible	Negligible

Plant Section & units	Stack No.	Height from ground level (m)	Internal Diameter (Top)(m)	Emission Rate	Temp. of Exhaust Gases
Boiler	1st	85 m	3.5 m	150 mg/nm3	160^{0}C
DG set	2nd	6.3m	.....	.....	440 ^{0}C
DG set	3rd	6.3m	.....	.....	440 ^{0}C

3. The proposal has been considered by SEIAA in its 70th 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) No additional land shall be used /acquired for any activity of the project without obtaining proper permission.

(ii) For controlling fugitive natural dust, regular sprinkling of water & wind shields at appropriate distances in vulnerable areas of the plant shall be ensured.

(iii) PP has to abide by the conditions stipulated by SEAC & SEIAA

(iv) Regular monitoring of the air quality, including SPM & SO2 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.

(v) Necessary arrangement shall be made to adequate safety and ventilation arrangement in furnace area.

(vi) Proper Housekeeping programmes shall be implemented.

(vii) In the event of the failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieve.

(viii) A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set.(If applicable)

(ix) Arrangement shall be made that effluent and storm water does not get mixed.

(x) 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.

(xi) 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.

(xii) 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.

(xiii) 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.

(xiv) 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.

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

(xvi) The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.

(xvii) 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.

(xviii) 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.

(xix) 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.

(xx) A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.

(xxi) Transportation of ash will be through closed containers and all measures should be taken to prevent spilling of the ash.

(xxii) Separate silos will be provided for collecting and storing bottom ash and fly ash.

(xxiii) 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.

(xxiv) 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://ec.maharashtra.gov.in

(xxv) 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 1st June & 1st December of each calendar year.

(xxvi) 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.

(xxvii) 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_2, NOx (ambient levels as well as stack emissions) or critical sectorai 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.

(xxviii) Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.

(xxix) A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.

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

5. 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.

6. **Validity of Environment Clearance**: The environmental clearance accorded shall be valid for a period of 5 years to start of production operations.

7. 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.

8. 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.

9. Any appeal against this environmental clearance shall lie with the National Green Tribunal , Van Vigyan Bhawan, Sec- 5, R.K. Puram, New Dehli – 110 022, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010

(R.A. Rajeev)
Principal Secretary,
Environment department &
MS, SEIAA

Copy to:

1. Shri. R. C. Joshi, IAS (Retd.), Chairman, SEIAA, Flat No. 26, Belvedere, Bhulabhai desai road, Breach candy, Mumbai- 400026.

2. Member Secretary, Maharashtra Pollution Control Board, with request to display a copy of the clearance.

3. 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).

4. Regional Office, MPCB, Aurnagabad

5. Collector, Osmanabad

6. IA- Division, Monitoring Cell, MoEF, Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi-110003.

7. Director (TC-1), Dy. Secretary (TC-2), Scientist-1, Environment department.

8. Select file (TC-3).

(EC Uploaded on 16 June, 2014)