



Ref: DCM/SUGAR/EHS/24-25/240

Date: 05.12.2024

To,
The Integrated Regional Officer (CZ),
Ministry of Environment, Forest & Climate Change
Kendriya Bhawan, 5th Floor, Sector "H", Aliganj,
Lucknow, 226024

Sub: Submission of Compliance Status Report of Environment Clearance for the Period from April'2024 to Sept'2024.

Ref: EC Identification No. : EC22B025UP187363 File No. : 7159-6746 Issue on date 01.11.2022


Environmental Clearance: EC issued for the Capacity Expansion of Sugar Mill from 11,000 TCD along with 55 MW Co- Generation Power Plant to 16,000 TCD along with 75 MW Co-Generation Power Plant at Ajbapur, P.O. Mullapur, District Lakhimpur Kheri, Uttar Pradesh by M/s DCM Shriram Ltd.

Dear Sir,

Please find attached herewith the six monthly compliance Status Report for the Environmental Clearance for the Capacity Expansion of Sugar Mill from 11,000 TCD along with 55 MW Co-Generation Power Plant to 16,000 TCD along with 75 MW Co-Generation Power Plant. The point wise compliance report with Annexure is attached herewith it. We hope that you will find this in order.

Thanking you,

For DCM Shriram Ltd., Sugar Unit - Ajbapur


(Prabhat Kumar Singh)
Vice President & Unit Head

Encl: Compliance Report with Annexure

CC:

6. Chief Environmental Officer, Circle-5, UPPCB, TC 12 V, Gomti Nagar, Lucknow, 226010
7. The Regional Director, Central Pollution Control Board, Regional Directorate, PICUP Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow, 226010
8. Member Secretary, State Environment Impact Assessment Authority, Directorate of Environment, Vinit Khand 1, Gomti Nagar, Lucknow 226010, Uttar Pradesh
9. Regional Officer, UPPCB, PICUP Bhawan, 4th floor, B Block, Vibhuti Khand Gomtinagar, Lucknow 226010
10. Member Secretary, UPPCB, TC 12 V, Gomtinagar, Lucknow, 226010



Compliance status report for the Environmental Clearance issued for the period from April'2024 to Sept'2024		
Environmental Clearance for the Capacity Expansion of Sugar Mill from 11,000 TCD along with 55 MW Co- Generation Power Plant to 16,000 TCD along with 75 MW Co-Generation Power Plant at Ajbapur, P.O. Mullapur, District Lakhimpur Kheri, Uttar Pradesh by M/s DCM Shriram Ltd.		
Name of the Industry – DCM Shriram Ltd., Sugar Unit, Ajbapur		
EC Identification No. : EC22B025UP187363 File No. : 7159-6746 Issue date 01.11.2022		
Compliance status of recommendations		
Additional Conditions:		
I.	Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied.	Complied, Directions/ suggestions given during public hearing and commitment made by the project proponent has already been complied.
II.	Annual water audit will be carried out and will adopt water conservation practices.	Complied, Annual water audit was carried out in the month of April'23 and recommendations have already been complied.
III.	Spray pond over flow and cooling tower blow down will be treated separated.	Complied, Spray pond over flow and cooling tower blow down is treated separately.
IV.	Ash generated in boiler will be disposed of in safe and eco-friendly manner. For doing so, a separate management plan should be prepared and submitted to SPCB and SEIAA within a period of 1 month.	Complied, Ash disposal plan already been submitted to UPPCB & SEIAA. Ash generated in boiler is being disposed of in safe and eco-friendly manner. Ash disposal plan is attached as Annexure-I
V.	Three tier green belt shall be developed with native species all along the periphery of the project. Site survival rate of green belt developed shall be monitored on periodic basis to ensure that damaged plants are replaced with new plants in the subsequent years (Miyawaki method to be adopted for plantation)	Complied, Three tier green belt has been developed with native species all along the periphery of the project. Survival rate of green belt is monitored and Miyawaki tree plantation has already been adopted.
VI.	Performance test shall be conducted on all pollution control system every year and report shall be submitted to Regional office of the MoEF and CC	Complied, Performance test is conducted on all pollution control system every year.
VII.	Greening and paving shall be implemented in the plant area to arrest soil erosion and dust pollution exposed soil surface.	Complied, Greening and paving shall be implemented in the plant area to arrest soil erosion and dust pollution.
VIII.	Properly covered vehicles shall be used while transporting material and product.	Complied, Covering on vehicles shall be ensured during transportation of material and product.
IX.	Allergy test should also be included in health checkup of works.	Complied, Allergy test has already included in health checkup of employees. Detail attached as Annexure-II
X.	Industry should comply with the CPCB charter guidelines for sugar units and treated water shall be used for the different purposes as per the requirement in industry	Complied, CPCB charter guidelines for plant and treated water is being followed.
XI.	Industry shall comply with the water consumption as per the revised plan submitted to the Directorate of Environment at the time of presentation..	Complied, shall comply the water consumption as per the revised plan submitted.
XII.	Industry shall comply with the condition of the Ministry of Environment, Forest and Climate Change office memorandum dated 08/06/2022	Complied, Conditions of the Ministry of Environment, Forest and Climate Change office memorandum dated 08/06/2022 shall be complied.
XIII.	Industry shall comply in a time bound manner with the revised CCR plan submitted to the Directorate of Environment and submit the compliance progress time to time to the concerned authority.	Complied, shall follow the CCR plan and submit the progress time to time to the concerned authority.
XIV.	Industry shall comply with the queries/questions raised by the public representatives during the public hearing dated 20/05/2022 and submit the compliance report in tabular form.	Complied, Compliance of queries/ questions raised by the public representatives during the public hearing dated 20/05/2022 is done.
Standard Environmental Clearance Conditions prescribed by MoEF&CC:		
I.	Statutory compliance:	
I.	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non- forest purpose involved in the project.	Not Applicable, No diversion of forest land is involved in the project.
II.	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	Not Applicable

III.	The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden, if applicable. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six - monthly compliance report. (In case of the presence of schedule-I species in the study area).	Not Applicable
IV.	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.	Complied, Consent to Establish has already been obtained vide letter No. 161333/ UPPCB/ Lucknow(UPPCBRO)/ CTE/ LAKHIMPUR KHIRI/ 2022 dated 12.10.2022 issued by UPPCB, the validity of CTE is 05.10.2027. Copy of CTE is attached as Annexure - III Consent To Operate has also been obtained Ref No: 167586/UPPCB/Lucknow(UPPCBRO)/CTO/both/LAKHIMPURKHIRI/ 2022 Dated: 13/11/2022 from State pollution Control Board, the validity of the CTO is 31.12.2023. Copy of CTO is Attached as Annexure - IV
V	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.	Complied, Authorization under the Hazardous and other Waste Management Rules, 2016 as amended has already been obtained.
VI.	The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989	Complied, Rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time & transportation of Hazardous Chemicals is being followed as per the Motor Vehicle Act (MVA), 1989
II. Air quality monitoring and preservation:		
I.	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	Complied, Continuous emission monitoring system at boiler stacks has already been installed and connected to SPCB and CPCB servers and calibration is done time to time as per specification.
II.	The project proponent shall install system carryout to Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.	Complied, Ambient Air Quality monitoring at four locations inside and outside plant is done by NABL approved laboratory. Ambient air monitoring report is attached as Annexure - V
III.	The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six- monthly monitoring report.	Complied, Stack emission monitoring has been conducted and report is attached as Annexure - VI
IV.	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.	Complied, ESP as Air Pollution Control system has already been provided in all boilers.
V	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with.	Complied, The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 is being followed.

VI.	Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.	Not Applicable. Only bagasse is used, coal is not used.
VII.	The DG sets shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.	Complied, The DG sets are equipped with suitable pollution control devices and adequate stack height. Stack monitoring report of DG Set is attached as Annexure - VII .
VIII.	Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.	Not Applicable.
III. Water quality monitoring and preservation:		
I.	For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises and connected to SPCB and CPCB online servers.	Complied, Web camera with night vision capability for online continuous monitoring of effluent and flow meters is installed and connected to SPCB and CPCB online servers.
II.	Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises.	Complied, Treated water is used in irrigation as per irrigation plan.
III.	Process effluent /any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.	Complied, Separate drain is available for wastewater and storm water.
IV.	The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the State Pollution Control Board while granting Consent under the Air/Water Act, whichever is more stringent.	Complied, The treated effluent is used in irrigation as per irrigation plan, meeting the norms/ standards prescribed/ specified by the State Pollution Control Board. Monitoring report is attached herewith it as Annexure - VIII
V	Total fresh water requirement shall not exceed the proposed quantity or as specified by the Committee. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard.	Complied, Total water requirement is being followed. NOC from the Ground Water Department has already obtained.
VI.	Industrial/trade effluent shall be segregated into High COD/TDS and Low COD/TDS effluent streams. High TDS/COD shall be passed through stripper followed by MEE and ATFD (agitated thin film drier). Low TDS effluent stream shall be treated in ETP and treated effluent shall conform to the standards prescribed under the Environment (Protection) Rules, 1986 and treated water from ETP shall be used for irrigation.	Complied, Industrial/ trade effluent has already segregated into High COD/TDS and Low COD/TDS effluent streams and treatment is accordingly and treated water from ETP is used for irrigation. The monitoring report of treated ETP water is attached as Annexure - VIII
VII.	The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.	Complied, Rainwater harvesting is done from the roof tops of the buildings and storm water drains to recharge the ground water/ utilize the same for different industrial operations within the plant.
IV. Noise monitoring and prevention		
I.	Acoustic enclosure shall be provided to DG set for controlling the noise pollution.	Complied, Acoustic enclosure has already been provided to DG set for controlling the noise pollution.
II.	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers , enclosures etc. on all sources of noise generation.	Complied, The overall noise levels in and around the plant area is well within the norms by providing noise control measures including acoustic hoods, silencers , enclosures etc. Noise monitoring report is attached as Annexure -IX
III.	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time	Complied, The ambient noise levels conform the standards prescribed under E(P)A Rules, 1986 is being maintained. Ambient noise monitoring report is attached as Annexure -X
V. Energy Conservation measures		
I.	The energy sources for lighting purposes shall preferably be LED based.	Complied, The LED based lights are provided as for as possible.
VI. Waste management		



I.	Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.	Complied, Hazardous chemicals are stored in tanks, drums, carboys etc.
II.	Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt, if hazardous shall be disposed off to the TSDF.	Complied, ETP biological sludge is given to farmers and used as fertilizer.
III.	The company shall undertake waste minimization measures wherever feasible as below :- a. Metering and control of quantities of active ingredients to minimize waste. b. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. c. Use of automated filling to minimize spillage. d. Use of Close Feed system into batch reactors. e. Venting equipment through vapour recovery system. f. Use of high pressure hoses for equipment clearing to reduce wastewater generation	Complied, Following waste minimization measures have been followed a. Control of quantities of active ingredients to minimize waste. b. Use of Close Feed system into batch reactors. c. Venting equipment through vapour recovery system. d. Use of high pressure hoses for equipment clearing to reduce wastewater generation
VII. Green Belt		
I.	Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.	Complied, Green belt is developed in an area more than approx 33% of the plant area with a native tree species in accordance with CPCB guidelines.
VIII. Safety, Public hearing and Human health issues		
I.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Complied, Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) is already in place.
II.	The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.	Complied, Personal Protective Equipment (PPE) has already been provided.
III.	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	Complied, Training is imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and periodical medical examinations for all employees is done. Training details is attached as Annexure - XI
IV.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Complied, Temporary housing already provided during construction phase to the labours.
V.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Complied, Occupational health surveillance of the workers is done and record is maintained.
VI.	There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places	Complied, Adequate space has been maintained inside the plant premises earmarked for the parking of vehicles for raw materials and finished products.
IX. Corporate Environment Responsibility		
I.	The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.	Complied, Corporate Environment Responsibility has been made and being followed.

II.	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements /deviation/violation of the environmental / forest /wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation/ violation of the environmental/ forest / wildlife norms I conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six- monthly report.	Complied, EHS policy signed and approved by the Board of Director is displayed.
III.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive , who will directly to the head of the organization.	Complied, Environmental Cell is formed and meeting is conducted on regular basis. Attached as Annexure - XII
IV.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.	Complied, Implementation of EMP and environmental conditions along with responsibility and action plan is submitted to the Ministry/ Regional Office along with the Six Monthly Compliance Report.
V.	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	Complied, Self-environmental audit conducted. Third party environmental audit shall be carried out every three years.
X. Miscellaneous		
I.	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.	Complied, Environmental clearance information has already been published in local 02 nos of the news papers.
II.	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	Complied, informed to the Heads of local bodies, Panchayats and Municipal Bodies.
III.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	Complied, The status of compliance of the stipulated environment clearance conditions is displayed on company website on half-yearly basis.
IV.	The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.	Complied, PM10, SO2, NOx (ambient levels as well as stack emissions) is being monitored.
V.	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.	Complied, six-monthly report on the status of the compliance is being submitted.
VI.	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	Complied, Environmental statement for each financial year in Form-V has already been submitted.

VII.	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	Complied, The date of financial closure has already been completed.
VIII.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Complied, The stipulations made by the State Pollution Control Board and the State Government are being followed.
IX.	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	Complied, all recommendations made in the EIA/EMP report, commitment made during Public Hearing and also during the presentation to the Expert Appraisal Committee has been followed.
X.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).	Noted & Complied, Approval will be taken
XI.	Concealing factual data or submission of false /fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Noted & Complied
XII.	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted & Complied
XIII.	The Ministry reserves the right to stipulate additional conditions if found necessary.	Noted & Complied
XIV.	The Company in a time bound manner shall implement these conditions.	Noted & Complied
XV.	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.	Noted & Complied
XVI.	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.	Noted & Complied

XVII.	<p>Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.</p> <p>Concealing factual data and information or submission of false/fabricated data and failure to comply with any of the conditions stipulated in the Prior Environmental Clearance attract action under the provision of Environmental (Protection) Act, 1986.</p> <p>This Environmental Clearance is subject to ownership of the site by the project proponents in confirmation with approved Master Plan for Lakhimpur. In case of violation; it would not be effective and would automatically be stand cancelled.</p> <p>The project proponent has to ensure that the proposed site is not a part of any no- development zone as required/prescribed/identified under law. In case of the violation this permission shall automatically deemed to be cancelled. Also, in the event of any dispute on ownership or land use of the proposed site, this Clearance shall automatically deemed to be cancelled.</p> <p>Further project proponent has to submit the regular 6 monthly compliance report regarding general & specific conditions as specified in the E.C. letter and comply the provision of EIA notification 2006 (as Amended).</p>	Noted & Complied
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 DCM SHRIRAM SUGAR	INTEGRATED MANAGEMENT SYSTEM	 DCM SHRIRAM
	DCM SHRIRAM LTD., SUGAR UNIT - AJBAPUR	

BOILER ASH DISPOSAL

1. Ash generated from all three boilers is conveyed through pneumatic piping to common ash silo.
2. Ash from the ash silo is discharged to trolleys via ash conditioner by properly mixed with water to avoid spillage and air pollution during transportation.
3. Thus transported ash will be discharged at two points viz.,
 - a) Land filling near Texmaco colony and other areas wherever required within factory premises
 - b) At press mud yard for blending with press mud, to be used as manure for cane farmers.

Annexure-II

DCM Shriram Ltd.
Sugar Unit - Alapapur
INTEGRATED MANAGEMENT SYSTEM
MEDICAL CHECK UP STATUS
2024

S. N	SAP No	Name of Employee	Father Name	Designation	Department	Date of Birth	Age	Status	Pathological Test	Allergy (If Any)	DM	R/E	Eye Site	Colour Blindness	Spectrometry	Remark
Administration																
1	38719	Krishna Singh	Shri Kishan Singh	St. Vice President	Administration	20-03-1950	63	Done	Normal	No		6/5	6/5	Normal	Normal	FI
2	38717	Vijay Kumar Shukla	Shri Ram Singh Shukla	Deputy General Manager - Legal & Liaison	Administration	04-04-1975	50	Done	Normal	No		6/5	6/5	Normal	Normal	FI
3	38716	Shankar Kumar Anandhi	Shri Ram Singh Anandhi	Deputy General Manager - Legal & Liaison	Administration	04-04-1975	50	Done	Normal	No		6/5	6/5	Normal	Normal	FI
4	38715	Shankar Kumar Anandhi	Shri Ram Singh Anandhi	Deputy General Manager - Legal & Liaison	Administration	04-04-1975	50	Done	Normal	No		6/5	6/5	Normal	Normal	FI
5	38714	Shankar Kumar Anandhi	Shri Ram Singh Anandhi	Deputy General Manager - Legal & Liaison	Administration	04-04-1975	50	Done	Normal	No		6/5	6/5	Normal	Normal	FI
6	38713	Shankar Kumar Anandhi	Shri Ram Singh Anandhi	Deputy General Manager - Legal & Liaison	Administration	04-04-1975	50	Done	Normal	No		6/5	6/5	Normal	Normal	FI
HR, Admin, Legal & Security																
1	4038	Krishna Hand Rai	Shri Chandra Hand Rai	Assistant Vice President - HR, Legal & Admin	HR, Admin, Legal & Security	10-11-1959	55	Done	Normal	No		6/5	6/5	Normal	Normal	FI
2	38712	Shri Ram Singh	Shri Ram Singh	Deputy General Manager - Legal & Liaison	HR, Admin, Legal & Security	15-06-1959	56	Done	Normal	No		6/5	6/5	Normal	Normal	FI
3	51153	Shri Ram Singh	Shri Ram Singh	Deputy General Manager - Legal & Liaison	HR, Admin, Legal & Security	17-07-1961	43	Done	Normal	No		6/5	6/5	Normal	Normal	FI
4	4067	Shri Ram Singh	Shri Ram Singh	Deputy General Manager - Legal & Liaison	HR, Admin, Legal & Security	26-04-1972	53	Done	Normal	No		6/5	6/5	Normal	Normal	FI
5	57949	Shankar Kumar Shukla	Shri Ram Singh Shukla	Deputy General Manager - Legal & Liaison	HR, Admin, Legal & Security	27-11-1991	33	Done	Normal	No		6/5	6/5	Normal	Normal	FI
6	9033	Shankar Kumar Shukla	Shri Ram Singh Shukla	Deputy General Manager - Legal & Liaison	HR, Admin, Legal & Security	01-08-1999	55	Done	Normal	No		6/5	6/5	Normal	Normal	FI
7	60110	Shankar Kumar Shukla	Shri Ram Singh Shukla	Deputy General Manager - Legal & Liaison	HR, Admin, Legal & Security	25-12-1997	47	Done	Normal	No		6/5	6/5	Normal	Normal	FI
8	9855	Shankar Kumar Shukla	Shri Ram Singh Shukla	Deputy General Manager - Legal & Liaison	HR, Admin, Legal & Security	01-01-1974	51	Done	Normal	No		6/5	6/5	Normal	Normal	FI
9	6397	Shankar Kumar Shukla	Shri Ram Singh Shukla	Deputy General Manager - Legal & Liaison	HR, Admin, Legal & Security	05-08-1997	27	Done	Normal	No		6/5	6/5	Normal	Normal	FI
10	6398	Shankar Kumar Shukla	Shri Ram Singh Shukla	Deputy General Manager - Legal & Liaison	HR, Admin, Legal & Security	08-12-1976	48	Done	Normal	No		6/5	6/5	Normal	Normal	FI
11	6399	Shankar Kumar Shukla	Shri Ram Singh Shukla	Deputy General Manager - Legal & Liaison	HR, Admin, Legal & Security	07-02-1997	58	Done	Normal	No		6/5	6/5	Normal	Normal	FI
Security																
1	50041	Rajesh Kumar Mahto	Shri Ram Kumar Mahto	Security Inspector	Security	22-04-1975	50	Done	Normal	No		6/5	6/5	Normal	Normal	FI
2	50042	Rajesh Kumar Mahto	Shri Ram Kumar Mahto	Security Inspector	Security	19-09-1974	50	Done	Normal	No		6/5	6/5	Normal	Normal	FI
Finance																
1	26702	Shri Ram Kumar Singh	Shri Ram Kumar Singh	Manager - Safety	Finance	01-07-1984	50	Done	Normal	No		6/5	6/5	Normal	Normal	FI
2	26703	Shri Ram Kumar Singh	Shri Ram Kumar Singh	Manager - Safety	Finance	26-01-1978	52	Done	Normal	No		6/5	6/5	Normal	Normal	FI
3	26704	Shri Ram Kumar Singh	Shri Ram Kumar Singh	Manager - Safety	Finance	01-07-1979	45	Done	Normal	No		6/5	6/5	Normal	Normal	FI
4	26705	Shri Ram Kumar Singh	Shri Ram Kumar Singh	Manager - Safety	Finance	15-02-1985	39	Done	Normal	No		6/5	6/5	Normal	Normal	FI
5	30117	Shri Ram Kumar Singh	Shri Ram Kumar Singh	Manager - Safety	Finance	11-06-1975	57	Done	Normal	No		6/5	6/5	Normal	Normal	FI
6	30118	Shri Ram Kumar Singh	Shri Ram Kumar Singh	Manager - Safety	Finance	04-05-1971	54	Done	Normal	No		6/5	6/5	Normal	Normal	FI
7	30119	Shri Ram Kumar Singh	Shri Ram Kumar Singh	Manager - Safety	Finance	12-07-1993	41	Done	Normal	No		6/5	6/5	Normal	Normal	FI
8	30120	Shri Ram Kumar Singh	Shri Ram Kumar Singh	Manager - Safety	Finance	22-10-1970	54	Done	Normal	No		6/5	6/5	Normal	Normal	FI
Material																
1	38332	Shankar Kumar Mahto	Shri Ram Kumar Mahto	Assistant Manager - Purchase	Material	12-08-1973	51	Done	Normal	No		6/5	6/5	Normal	Normal	FI
2	38333	Shankar Kumar Mahto	Shri Ram Kumar Mahto	Assistant Manager - Purchase	Material	10-03-1978	47	Done	Normal	No		6/5	6/5	Normal	Normal	FI
3	4060	Shankar Kumar Mahto	Shri Ram Kumar Mahto	Assistant Manager - Purchase	Material	14-03-1980	35	Done	Normal	No		6/5	6/5	Normal	Normal	FI
4	50037	Shankar Kumar Mahto	Shri Ram Kumar Mahto	Assistant Manager - Purchase	Material	31-12-1987	37	Done	Normal	No		6/5	6/5	Normal	Normal	FI
5	3080	Shankar Kumar Mahto	Shri Ram Kumar Mahto	Assistant Manager - Purchase	Material	10-03-1986	39	Done	Normal	No		6/5	6/5	Normal	Normal	FI
6	5120	Shankar Kumar Mahto	Shri Ram Kumar Mahto	Assistant Manager - Purchase	Material	13-10-1985	50	Done	Normal	No		6/5	6/5	Normal	Normal	FI
Co-Ordination																
1	9475	Shankar Kumar Mahto	Shri Ram Kumar Mahto	Senior Manager - Sales & Distribution	Co-Ordination	10-07-1979	55	Done	Normal	No		6/5	6/5	Normal	Normal	FI
2	51005	Shankar Kumar Mahto	Shri Ram Kumar Mahto	Senior Manager - Sales & Distribution	Co-Ordination	16-07-1979	45	Done	Normal	No		6/5	6/5	Normal	Normal	FI
3	51006	Shankar Kumar Mahto	Shri Ram Kumar Mahto	Senior Manager - Sales & Distribution	Co-Ordination	06-02-1983	32	Done	Normal	No		6/5	6/5	Normal	Normal	FI
4	51007	Shankar Kumar Mahto	Shri Ram Kumar Mahto	Senior Manager - Sales & Distribution	Co-Ordination	30-07-1987	37	Done	Normal	No		6/5	6/5	Normal	Normal	FI
5	37852	Shankar Kumar Mahto	Shri Ram Kumar Mahto	Senior Manager - Sales & Distribution	Co-Ordination	10-11-1989	55	Done	Normal	No		6/5	6/5	Normal	Normal	FI
ITS																
1	3243	Shankar Kumar Mahto	Shri Ram Kumar Mahto	Senior Manager - IT's	ITS	18-04-1959	56	Done	Normal	No		6/5	6/5	Normal	Normal	FI
2	8271	Shankar Kumar Mahto	Shri Ram Kumar Mahto	Senior Manager - IT's	ITS	20-01-1974	51	Done	Normal	No		6/5	6/5	Normal	Normal	FI
3	8272	Shankar Kumar Mahto	Shri Ram Kumar Mahto	Senior Manager - IT's	ITS	20-05-1983	42	Done	Normal	No		6/5	6/5	Normal	Normal	FI
4	52756	Shankar Kumar Mahto	Shri Ram Kumar Mahto	Senior Manager - IT's	ITS	18-09-1990	34	Done	Normal	No		6/5	6/5	Normal	Normal	FI
Care																
1	38754	Shankar Kumar Mahto	Shri Ram Kumar Mahto	Senior Manager - Care	Care	23-05-1975	50	Done	Normal	No		6/5	6/5	Normal	Normal	FI
2	38755	Shankar Kumar Mahto	Shri Ram Kumar Mahto	Senior Manager - Care	Care	02-08-1978	53	Done	Normal	No		6/5	6/5	Normal	Normal	FI
3	38756	Shankar Kumar Mahto	Shri Ram Kumar Mahto	Senior Manager - Care	Care	01-01-1978	47	Done	Normal	No		6/5	6/5	Normal	Normal	FI
4	38757	Shankar Kumar Mahto	Shri Ram Kumar Mahto	Senior Manager - Care	Care	12-12-1974	50	Done	Normal	No		6/5	6/5	Normal	Normal	FI
5	38758	Shankar Kumar Mahto	Shri Ram Kumar Mahto	Senior Manager - Care	Care	10-10-1988	56	Done	Normal	No		6/5	6/5	Normal	Normal	FI
6	38759	Shankar Kumar Mahto	Shri Ram Kumar Mahto	Senior Manager - Care	Care	15-10-1976	48	Done	Normal	No		6/5	6/5	Normal	Normal	FI
7	38760	Shankar Kumar Mahto	Shri Ram Kumar Mahto	Senior Manager - Care	Care	09-07-1976	48	Done	Normal	No		6/5	6/5	Normal	Normal	FI
8	38761	Shankar Kumar Mahto	Shri Ram Kumar Mahto	Senior Manager - Care	Care	10-07-1983	53	Done	Normal	No		6/5	6/5	Normal	Normal	FI
9	38762	Shankar Kumar Mahto	Shri Ram Kumar Mahto	Senior Manager - Care	Care	18-01-1984	41	Done	Normal	No		6/5	6/5	Normal	Normal	FI
10	38763	Shankar Kumar Mahto	Shri Ram Kumar Mahto	Senior Manager - Care	Care	13-02-1977	53	Done	Normal	No		6/5	6/5	Normal	Normal	FI
11	38764	Shankar Kumar Mahto	Shri Ram Kumar Mahto	Senior Manager - Care	Care	14-09-1981	43	Done	Normal	No		6/5	6/5	Normal	Normal	FI
12	38765	Shankar Kumar Mahto	Shri Ram Kumar Mahto	Senior Manager - Care	Care	01-07-1989	35	Done	Normal	No		6/5	6/5	Normal	Normal	FI
13	38766	Shankar Kumar Mahto	Shri Ram Kumar Mahto	Senior Manager - Care	Care	05-01-1984	40	Done	Normal	No		6/5	6/5	Normal	Normal	FI
14	38767	Shankar Kumar Mahto	Shri Ram Kumar Mahto	Senior Manager - Care	Care	02-10-1975	49	Done	Normal	No		6/5	6/5	Normal	Normal	FI
15	38768	Shankar Kumar Mahto	Shri Ram Kumar Mahto	Senior Manager - Care	Care	28-05-1971	54	Done	Normal	No		6/5	6/5	Normal	Normal	FI
16	38769	Shankar Kumar Mahto	Shri Ram Kumar Mahto	Senior Manager - Care	Care	14-08-1986	38	Done	Normal	No		6/5	6/5	Normal	Normal	FI
17	38770	Shankar Kumar Mahto	Shri Ram Kumar Mahto	Senior Manager - Care	Care	08-02-1989	35	Done	Normal	No		6/5	6/5	Normal	Normal	FI
18	38771	Shankar Kumar Mahto	Shri Ram Kumar Mahto	Senior Manager - Care	Care	02-10-1985	39	Done	Normal	No		6/5	6/5	Normal	Normal	FI
19	38772	Shankar Kumar Mahto	Shri Ram Kumar Mahto	Senior Manager - Care	Care	15-11-1982	42	Done	Normal	No		6/5	6/5	Normal	Normal	FI
20	38773	Shankar Kumar Mahto	Shri Ram Kumar Mahto	Senior Manager - Care	Care	10-08-1978	46	Done	Normal	No		6/5	6/5	Normal	Normal	FI
21	38774	Shankar Kumar Mahto	Shri Ram Kumar Mahto	Senior Manager - Care	Care	18-09-1979	45	Done	Normal	No		6/5	6/5	Normal	Normal	FI
22	38775	Shankar Kumar Mahto	Shri Ram Kumar Mahto	Senior Manager - Care	Care	12-02-1977	48	Done	Normal	No		6/5	6/5	Normal	Normal	FI

[illegible]

111	57315	Puneet Kumar	Shri Vijay Kumar	Pen Station (Seasonal)	Process	02-11-2002	22	Done	Normal			6/6	6/6	Normal	Fit
112	57356	Vishal Kumar	Shri Shivaveer	Pen Station (Seasonal)	Process	10-05-1996	29	Done	Normal			6/6	6/6	Normal	Fit
113	57874	Shivaram	Shri Munni Lal	Pen Station (Seasonal)	Process	02-12-2000	24	Done	Normal			6/6	6/6	Normal	Fit
114	59488	Shyam Kishor	Shri Ram Saran Gupta	Trainee Operator - Refinery	Process	20-02-1995	30	Done	Normal			6/6	6/6	Normal	Fit
115	58795	Anil Kumar	Shri Shiv Shajan	Trainee Operator - Belling House (Seasonal)	Process	10-10-1998	28	Done	Normal			6/6	6/6	Normal	Fit
116	58797	Satyaprakash	Lata Ram Lal	Trainee Operator - Belling House (Seasonal)	Process	12-02-1990	35	Done	Normal			6/6	6/6	Normal	Fit
R&D															
1	4872	Sudhanshu Dixit	Shri Varun Dixit	Joint Manager, R & D	R&D	07-05-1973	52	Done	Normal			6/6	6/6	Normal	Fit
2	7261	Sandeep Kumar Katiyar	Shri Shri R.S. Katiyar	Senior Lab. Chemist	R&D	04-05-1974	51	Done	Normal			6/6	6/6	Normal	Fit
3	8090	Sandeep Singh	Shri Vinod Singh	Lab. Chemist	R&D	01-10-1981	43	Done	Normal			6/6	6/6	Normal	Fit
4	4137	Chandra Prakash Yadav	Shri Bani Nath Yadav	Quality Control Assistant	R&D	10-05-1983	42	Done	Normal			6/6	6/6	Normal	Fit
5	58844	Prabhat Kumar Srivastava	Shri Om Prakash Srivastava	Lab. Chemist (Seasonal)	R&D	30-05-1980	34	Done	Normal			6/6	6/6	Normal	Fit
6	8165	Santosh Kumar Yadav	Shri Shriram Yadav	Lab. Chemist (Seasonal)	R&D	08-05-1980	44	Done	Normal			6/6	6/6	Normal	Fit
7	7984	Anur Nath	Shri Chandrika Prasad	Lab. Boy	R&D	02-02-1976	49	Done	Normal			6/6	6/6	Normal	Fit
8	54977	Anur Kumar	Shri Shrikant	Quality Control Assistant	R&D	19-05-1991	33	Done	Normal			6/6	6/6	Normal	Fit
9	57217	Somesh Awasthi	Shri Rajendra Prasad Awasthi	Lab. Chemist (Seasonal)	R&D	07-07-1995	29	Done	Normal			6/6	6/6	Normal	Fit
10	3367	Ujj Ram	Shri Nith	Lab. Boy	R&D	10-01-1984	61	Done	Normal			6/6	6/6	Normal	Fit

OK

Medical Superintendent
L.C.M Shriram Ltd.
Sugar & Distillery Unit-Ajhapur
Distt.- Lakhimpur Kheri



UTTAR PRADESH POLLUTION CONTROL BOARD

Building. No TC-12V Vibhuti Khand, Gomti Nagar, Lucknow-226010

Phone:0522-2720828,2720831, Fax:0522-2720764, Email: info@uppcb.com, Website: www.uppcb.com

Validity Period :04/10/2022 To 05/10/2027

Ref No. - 161333/UPPCB/Lucknow(UPPCBRO)/CTE/LAKHIMPUR Dated:- 12/10/2022
KHIRI/2022

To ,

Shri PANKAJ SINGH

M/s DCM SHRIRAM LTD SUGAR UNIT AJBAPUR

DCM Shriram Ltd., Sugar Unit, Ajbapur, P.O. Mullapur, Lakhimpur Kheri, UP ,LAKHIMPUR
KHERI,261505

LAKHIMPUR KHIRI

Sub : Consent to Establish for New Unit/Expansion/Diversification under the provisions of Water (Prevention and control of pollution) Act, 1974 as amended and Air (Prevention and control of Pollution) Act, 1981 as amended.

Please refer to your Application Form No.- 17258831 dated - 15/09/2022. After examining the application with respect to pollution angle, Consent to Establish (CTE) is granted subject to the compliance of following conditions :

1. Consent to Establish is being issued for following specific details :

A- Site along with geo-coordinates :

B- Main Raw Material :

Main Raw Material Details		
Name of Raw Material	Raw Material Unit Name	Raw Material Quantity
SUGAR CANE (16000 TCD)	Metric Tonnes/Day	16000

C- Product with capacity :

Product Detail	
Name of Product	Product Quantity
Crushing of Sugar Cane (16000 TCD)	496000
CO-GENERATION POWER (75 MW PER DAY)	2325

D- By-Product if any with capacity :

By Product Detail			
Name of By Product	Unit Name	Licence Product Capacity	Install Product Capacity
FILTER CAKE	Metric Tonnes/Day	868	868
MOLASSES	Metric Tonnes/Day	1075	1075
BAGASSE	Metric Tonnes/Day	4000	4000

2. Water Requirement (in KLD) and its Source :



Uttar Pradesh Pollution Control Board

Building. No TC-12V Vibhuti Khand, Gomti Nagar, Lucknow-226010

Phone:0522-2720828,2720831, Fax:0522-2720764, Email: info@uppcb.in, Website: www.uppcb.com

Annexure-IV

194629/UPPCB/Lucknow(UPPCBRO)/CTO/both/LAKHIMPUR
KHIRI/2023

Date: 20/12/2023

To,

M/s

DCM Shriram Ltd Sugar Unit Ajbapur

DCM Shriram Ltd., Sugar Unit - Ajbapur, P.O. Mullapur, Distt.
Lakhimpur Kheri - 261505 (UP)

Application Id-
23143355

Consolidated Consent to Operate and Authorisation hereinafter referred to as the CCA (Consolidated Consent & authorization) (Fresh) under Section-25 of the Water (Prevention & Control of Pollution) Act, 1974 and under Section-21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule-6(2) of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 notified under Environment (Protection) Act, 1986 as applicable (to be referred hereinafter as Water Act, Air Act and HW Rules respectively).

CCA is hereby granted to DCM Shriram Ltd Sugar Unit Ajbapur located at DCM Shriram Ltd., Sugar Unit - Ajbapur, P.O. Mullapur, Distt. Lakhimpur Kheri - 261505 (UP). subject to the provisions of the Water Act, Air Act and Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the orders that may be made further and subject to following terms and conditions :-

1. This CCA DCM Shriram Ltd Sugar Unit Ajbapur granted for the period from 01/01/2024 to 31/12/2025 and valid for manufacturing of following products.

S No	Product	Quantity	Unit
1	Sugar by crushing sugar cane 14,000 TCD (maximum)	14000 TCD	Metric Tonnes/Day
2	Co-generation Power	65.1	Megawatt

2. Conditions under Water(Prevention and Control of Pollution) Act -1974 as amended :-

- (i) The daily quantity of effluent discharge (KLD) :-

Kind of Effluent	Quantity(KLD)	Treatment facility	Discharge point
Domestic	250 KLD	STP	horticulture and irrigation
Industrial	2800 KLD	ETP	Irrigation

- (ii) Trade Effluent Treatment and Disposal :-The applicant shall operate Effluent Treatment Plant consisting of primary/secondary and tertiary treatment as is required with reference to influent quantity and quality.

In case of stoppage of functioning of ETP, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately.

- (iii) The treated effluent shall be recycled to the maximum extent and should be reused within the premises for gardening etc. Quality of the treated effluent shall meet to the following general and specific standards as prescribed under Environment (Protection) Rules, 1986 and applicable to the unit from time-to-time :-



ECOMEN MINING PRIVATE LIMITED
(Formerly known as Ecomen Laboratories Private Limited)
Second Floor Hall, House No. B-1/8, Sector-H, Aliganj, Lucknow - 226 024
Phone No. : 0522 - 4079201/2746282

E-mail: contactus@ecomen.in, Website: www.ecomen.in, CIN - U74210UP1989PTC010601, GSTIN : 09AAACE6076H1Z1



An approved Laboratory from Ministry of Environment, Forest and Climate Change & CPCB Govt. of India, New Delhi

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/s DCM SHRIRAM LTD. (Sugar Unit Ajbapur) Village-Ajbapur, PO- Mullapur, Dist.-Lakhimpur Kheri-261 505)	ULR No.	TC127512400009113F
		Test Report No.	ECO/LAB/AA/0937/9113/11/2024
		Issue Date of Test Report	21.11.2024
Type of Sample	Ambient Air Sample		
Sample Registration No.	0937	Name of Location	Near Factory Cane Gate
Sampling Method	As per Reference Method	Sample Collected By	EMPL Representative
Date of Sample Collection	12.11.2024 to 13.11.2024	Time of Sample Collection	10.35 AM
Date of Sample Receipt	14.11.2024	Time of Sample Receipt	10.05 AM
Start Date of Analysis	14.11.2024	End Date of Analysis	21.11.2024
Weather Condition	Clear	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 27 ± 2 °C	Sample ID Code	ECO/LAB/9113/i 1/2024
	Humidity: 50 %		
Instrument ID & Cal. status	RDS (ECO/AR/INS/01) & FDS (ECO/AR/FD/13) Cal. Due on 29.05.2025		

Sl. No.	Test Parameters	Protocol	Detection Range	Results	Limit as per National Ambient Air Quality Standards
1.	Particulate Matter (PM ₁₀) µg/m ³	IS:5182(Part-23)	10-1000	71.45	100
2.	Particulate Matter (PM _{2.5}) µg/m ³	IS:5182(Part-24)	10-100	27.78	60
3.	Sulphur Di-oxide (SO ₂) µg/m ³	IS:5182 (Part-2)	2-200	14.07	80
4.	Nitrogen Oxides (NO ₂) µg/m ³	IS:5182 (Part-6)	5-200	24.69	80
5.	Ammonia (NH ₃)µg/m ³	IS 5182:Part 25: 2018	2-700	6.79	400
6.	Ozone(O ₃) µg/m ³	IS 5182:Part 9: 2019	2-200	12.58	180
7.	Lead(Pb) µg/m ³	IS 5182:Part 22:2019	1-100	BDL	1.0
8.	Arsenic (As) ng/m ³	Lab SOP No.26	1-100	BDL	06
9.	Nickel (Ni) ng/m ³	IS 5182:Part26:2020	1-100	BDL	20
10.	Carbon mono-oxides as CO (mg/m ³)	IS:5182 (Part-10)	0.1-200	1.84	04

Note:

1. Test results relate to the items sampled & tested.
2. Test report shall not be reproduced except in full without approval of the laboratory.
3. The test samples will be disposed of after one Month from the date of issue of test report.

---End of Report---

Verified By

(Signature)
Technical Manager
(Vikas Kumar)

Authorized By

(Signature)
Quality Manager
(Dr. Abhishek Kumar Singh)



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TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/s DCM SHRIRAM LTD. (Sugar Unit Ajbapur) Village-Ajbapur, PO- Mullapur, Dist.-Lakhimpur Kheri-261 505)	Test Report No.	ECO/LAB/AA/0937/9113/11/2024
		Issue Date of Test Report	21.11.2024
Type of Sample	Ambient Air Sample		
Sample Registration No.	0937	Name of Location	Near Factory Carie Gate
Sampling Method	As per Reference Method	Sample Collected By	EMPL Representative
Date of Sample Collection	12.11.2024 to 13.11.2024	Time of Sample Collection	10.35 AM
Date of Sample Receipt	14.11.2024	Time of Sample Receipt	10.05 AM
Start Date of Analysis	14.11.2024	End Date of Analysis	21.11.2024
Weather Condition	Clear	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 27 ± 2 °C	Sample ID Code	ECO/LAB/9113/11/2024
	Humidity: 50 %		
Instrument ID & Cal. status	RDS (ECO/AR/INS/01) & FDS (ECO/AR/FD/13) Cal. Due on 29.05.2025		

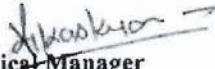
Sl. No.	Test Parameters	Protocol	Detection Range	Results	Limit as per National Ambient Air Quality Standards
1.0	Benzene as C_6H_6 ($\mu g/m^3$)	IS:5182(Part-11)	0.01-100	BDL	05
2.0	Benzo [a] pyrene as BaP (ng/m^3)	IS:5182(Part-12)	0.01-100	BDL	01

Note:

1. Test results relate to the items sampled & tested.
2. Test report shall not be reproduced except in full without approval of the laboratory.
3. The test samples will be disposed of after one Month from the date of issue of test report.

----End of Report----

Verified By


Technical Manager
(Vikas Kumar)

Authorized By


Quality Manager
(Dr. Abhishek Kumar Singh)



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E-mail: contactus@ecomen.in, Website: www.ecomen.in, CIN - U74210UP1989PTC010601, GSTIN : 09AAACE6076H1ZI

TC-12751

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TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/s DCM SHRIRAM LTD. (Sugar Unit Ajbapur) Village-Ajbapur, PO- Mullapur, Dist.-Lakhimpur Kheri-261 505)	ULR No.	TC127512400009114F
		Test Report No.	ECO/LAB/A.A/P937/911411/2024
		Issue Date of Test Report	21.11.2024
Type of Sample	Ambient Air Sample		
Sample Registration No.	0937	Name of Location	Near ETP Area
Sampling Method	As per Reference Method	Sample Collected By	EMPL Representative
Date of Sample Collection	12.11.2024 to 13.11.2024	Time of Sample Collection	11.30 AM
Date of Sample Receipt	14.11.2024	Time of Sample Receipt	10.05 AM
Start Date of Analysis	14.11.2024	End Date of Analysis	21.11.2024
Weather Condition	Clear	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 27 ± 2 °C	Sample ID Code	ECO/LAB/9114/11/2024
	Humidity: 50 %		
Instrument ID & Cal. status	RDS (APM-460)	ECO/AR/FD/16	(Cal. Due on 29.05.2025)
	FPS (APM-550:MMFC)	ECO/AR/FD/15	(Cal. Due on 29.05.2025)

Sl. No.	Test Parameters	Protocol	Detection Range	Results	Limit as per National Ambient Air Quality Standards
1.	Particulate Matter (PM ₁₀) µg/m ³	IS:5182(Part-23)	10-1000	63.17	100
2.	Particulate Matter (PM _{2.5}) µg/m ³	IS:5182(Part-24)	10-100	26.10	60
3.	Sulphur Di-oxide (SO ₂) µg/m ³	IS:5182 (Part-2)	2-200	18.39	80
4.	Nitrogen Oxides (NO ₂) µg/m ³	IS:5182 (Part-6)	5-200	29.57	80
5.	Ammonia (NH ₃)µg/m ³	IS 5182:Part 25 2018	2-700	BDL	400
6.	Ozone(O ₃) µg/m ³	IS 5182:Part 9:2019	2-200	12.66	180
7.	Lead(Pb) µg/m ³	IS 5182:Part 22:2019	1-100	BDL	1.0
8.	Arsenic (As) ng/m ³	Lab SOP No.26	1-100	BDL	06
9.	Nickel(Ni) ng/m ³	IS 5182:Part26:2020	1-100	BDL	20
10.	Carbon mono-oxides as CO (mg/m ³)	IS:5182 (Part-10)	0.1-200	0.89	04

Note:

- Test results relate to the items sampled & tested.
- Test report shall not be reproduced except in full without approval of the laboratory.
- The test samples will be disposed of after one Month from the date of issue of test report.

----End of Report----

Verified By

Technical Manager
(Vikas Kumar)

Authorized By

Quality Manager
(Dr. Abhishek Kumar Singh)



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TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/s DCM SHRIRAM LTD. (Sugar Unit Ajbapur) Village-Ajbapur, PO- Mullapur, Dist.-Lakhimpur Kheri-261 505)	Test Report No.	ECO/LAB/AA/6937/9114/11/2024
		Issue Date of Test Report	21.11.2024
Type of Sample	Ambient Air Sample		
Sample Registration No.	0937	Name of Location	Near ETP Area
Sampling Method	As per Reference Method	Sample Collected By	EMPL Representative
Date of Sample Collection	12.11.2024 to 13.11.2024	Time of Sample Collection	11.30 AM
Date of Sample Receipt	14.11.2024	Time of Sample Receipt	10.05 AM
Start Date of Analysis	14.11.2024	End Date of Analysis	21.11.2024
Weather Condition	Clear	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: $27 \pm 2^\circ\text{C}$	Sample ID Code	ECO/LAB/9114/11/2024
	Humidity: 50 %		
Instrument ID & Cal. status	RDS (APM-460)	ECO/AR/FD/16	(Cal. Due on 29.05.2025)
	FPS (APM-550:MMFC)	ECO/AR/FD/15	(Cal. Due on 29.05.2025)


Sl. No.	Test Parameters	Protocol	Detection Range	Results	Limit as per National Ambient Air Quality Standards
1.0	Benzene as C_6H_6 ($\mu\text{g}/\text{m}^3$)	IS:5182(Part-11)	0.01-100	BDL	05
2.0	Benzo[a] pyrene as BaP (ng/m^3)	IS:5182(Part-12)	0.01-100	BDL	01

Note:

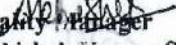
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- 2.0 Test report shall not be reproduced except in full without approval of the laboratory.
- 3.0 The test samples will be disposed of after one Month from the date of issue of test report.

----End of Report----

Verified By


Technical Manager
(Vikas Kumar)

Authorized By


Quality Manager
(Dr. Abhishek Kumar Singh)



ECOMEN MINING PRIVATE LIMITED

(Formerly known as Ecomen Laboratories Private Limited)

Second Floor Hall, House No. B-1/8, Sector-H, Aliganj, Lucknow - 226 024

Phone No. : 0522 - 4079201/2746282

E-mail: contactus@ecomen.in, Website: www.ecomen.in, CIN - U74210UP1989PTC010601, GSTIN : 09AAACE6076H1Z1



TC-12751

An approved Laboratory from Ministry of Environment, Forest and Climate Change & CPCB Govt. of India, New Delhi

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/s DCM SHRIRAM LTD. (Sugar Unit Ajbapur) Village-Ajbapur, PO- Mullapur, Dist.-Lakhimpur Kheri-261 505)	ULR No.	TC127512400009112F
		Test Report No.	ECO/LAB/AA/0937/9112/11/2024
		Issue Date of Test Report	21.11.2024
Type of Sample	Ambient Air Sample		
Sample Registration No.	0937	Name of Location	Near Factory Main Gate
Sampling Method	As per Reference Method	Sample Collected By	EMPL Representative
Date of Sample Collection	12.11.2024 to 13.11.2024	Time of Sample Collection	10.15 AM
Date of Sample Receipt	14.11.2024	Time of Sample Receipt	10.05 AM
Start Date of Analysis	14.11.2024	End Date of Analysis	21.11.2024
Weather Condition	Clear	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 27 ± 2 °C	Sample ID Code	ECO/LAB/9112/.1/2024
	Humidity: 50 %		
Instrument ID & Cal. status	RDS (E & E) : A1-101)	ECO/AR/RDS/02	(Cal. Due on 29.05.2025)
	FPS (APM-550:MMFC)	ECO/AR/FD/14	(Cal. Due on 29.05.2025)

Sl. No.	Test Parameters	Protocol	Detection Range	Results	Limit as per National Ambient Air Quality Standards
1.	Particulate Matter (PM ₁₀) µg/m ³	IS:5182(Part-23)	10-1000	78.25	100
2.	Particulate Matter (PM _{2.5}) µg/m ³	IS:5182(Part-24)	10-1000	33.79	60
3.	Sulphur Di-oxide (SO ₂) µg/m ³	IS:5182 (Part-2)	2-200	19.63	80
4.	Nitrogen Oxides (NO ₂) µg/m ³	IS:5182 (Part-6)	6-200	25.89	80
5.	Ammonia (NH ₃)µg/m ³	IS 5182:Part 25:2018	2-700	13.14	400
6.	Ozone(O ₃) µg/m ³	IS 5182:Part 9:2019	2-200	16.52	180
7.	Lead(Pb) µg/m ³	IS 5182:Part 22:2019	1-100	BDL	1.0
8.	Arsenic (As) ng/m ³	Lab SOP No.26	1-100	BDL	06
9.	Nickel (Ni) ng/m ³	IS 5182:Part26:2020	1-100	BDL	20
10.	Carbon mono-oxides as CO (mg/m ³)	IS:5182 (Part-10)	0.1-200	1.37	04

Note:

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----End of Report----

Verified By

Technical Manager
(Vikas Kumar)

Authorized By

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(Dr. Abhishek Kumar Singh)



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TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/s DCM SHRIRAM LTD. (Sugar Unit Ajbapur) Village-Ajbapur, PO- Mullapur, Dist.-Lakhimpur Kheri-261 505)	Test Report No.	ECO/LAB/AA/0937/9112/11/2024
		Issue Date of Test Report	21.11.2024
Type of Sample	Ambient Air Sample		
Sample Registration No.	0937	Name of Location	Near Factory Main Gate
Sampling Method	As per Reference Method	Sample Collected By	EMPL Representative
Date of Sample Collection	12.11.2024 to 13.11.2024	Time of Sample Collection	10.15 AM
Date of Sample Receipt	14.11.2024	Time of Sample Receipt	10.05 AM
Start Date of Analysis	14.11.2024	End Date of Analysis	21.11.2024
Weather Condition	Clear	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 27 ± 2 °C	Sample ID Code	ECO/LAB/9112/11/2024
	Humidity: 50 %		
Instrument ID & Cal. status	RDS (E & E) : A1-101)	ECO/AR/RDS/02	(Cal. Due on 29.05.2025)
	FPS (APM-550:MMFC)	ECO/AR/FD/14	(Cal. Due on 29.05.2025)

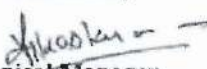
Sl. No.	Test Parameters	Protocol	Detection Range	Results	Limits per National Ambient Air Quality Standards
1.	Benzene as C ₆ H ₆ (µg/m ³)	IS:5182(Part-11)	0.01-100	BDL	05
2.	Benzo[a] pyrene as BaP (ng/m ³)	IS:5182(Part-12)	0.01-100	BDL	01

Note:


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TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/s DCM SHRIRAM LTD. (Sugar Unit Ajbapur) Village-Ajbapur, PO- Mullapur, Dist.-Lakhimpur Kheri-261 505)	ULR No.	TC127512400009115F
		Test Report No.	ECO/LAB/AA/6937/9115/11/2024
		Issue Date of Test Report	21.11.2024
Type of Sample	Ambient Air Sample		
Sample Registration No.	0937	Name of Location	Near Officer Colony
Sampling Method	As per Reference Method	Sample Collected By	EMPL Representative
Date of Sample Collection	12.11.2024 to 13.11.2024	Time of Sample Collection	11.00 AM
Date of Sample Receipt	14.11.2024	Time of Sample Receipt	10.05 AM
Start Date of Analysis	14.11.2024	End Date of Analysis	21.11.2024
Weather Condition	Clear	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 27 ± 2 °C	Sample ID Code	ECO/LAB/9115/11/2024
	Humidity: 50 %		
Instrument ID & Cal. status	RDS (ECO/AR/RDS/06) & FDS (ECO/AR/FD/15) Cal. Due on 29.05.2025		

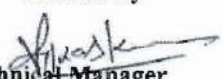
Sl. No.	Test Parameters	Protocol	Detection Range	Results	Limit as per National Ambient Air Quality Standards
1.	Particulate Matter (PM ₁₀) µg/m ³	IS:5182(Part-23)	10-1000	54.16	100
2.	Particulate Matter (PM _{2.5}) µg/m ³	IS:5182(Part-24)	10-100	23.00	60
3.	Sulphur Di-oxide (SO ₂) µg/m ³	IS:5182 (Part-2)	2-200	17.26	80
4.	Nitrogen Oxides (NO ₂) µg/m ³	IS:5182 (Part-6)	5-200	26.30	80
5.	Ammonia (NH ₃)µg/m ³	IS 5182:Part 25:2018	2-700	BDL	400
6.	Ozone(O ₃) µg/m ³	IS 5182:Part 9:2019)	2-200	11.78	180
7.	Lead(Pb) µg/m ³	IS 5182:Part 22:2019)	1-100	BDL	1.0
8.	Arsenic (As) ng/m ³	Lab SOP No.26	1-100	BDL	06
9.	Nickel(Ni) ng/m ³	IS 5182:Part26:2020	1-100	BDL	20
10.	Carbon mono-oxides as CO (mg/m ³)	IS:5182 (Part-10)	0.1-200	0.83	04

Note:


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----End of Report----

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E-mail: contactus@ecomen.in, Website: www.ecomen.in, CIN - U74210UP1969PTC010601, GSTIN : 09AAACE6076H1Z1

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TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/s DCM SHRIRAM LTD. (Sugar Unit Ajbapur) Village-Ajbapur, PO- Mullapur, Dist.-Lakhimpur Kheri-261 505)	Test Report No.	ECO/LAB/AA/C937/9115/11/2024
		Issue Date of Test Report	21.11.2024
Type of Sample	Ambient Air Sample		
Sample Registration No.	0937	Name of Location	Near Officer Colony
Sampling Method	As per Reference Method	Sample Collected By	EMPL Representative
Date of Sample Collection	12.11.2024 to 13.11.2024	Time of Sample Collection	11.00 AM
Date of Sample Receipt	14.11.2024	Time of Sample Receipt	10.05 AM
Start Date of Analysis	14.11.2024	End Date of Analysis	21.11.2024
Weather Condition	Clear	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 27 ± 2 °C	Sample ID Code	ECO/LAB/9115/11/2024
	Humidity: 50 %		
Instrument ID & Cal. status	RDS (ECO/AR/RDS/06) & FDS (ECO/AR/FD/15) Cal. Due on 29.05.2025		

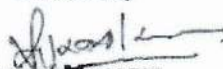
Sl. No.	Test Parameters	Protocol	Detection Range	Results	Limit as per National Ambient Air Quality Standards
1.0	Benzene as C ₆ H ₆ (µg/m ³)	IS:5182(Part-11)	0.01-100	BDL	05
2.0	Benzo[a] pyrene as BaP (ng/m ³)	IS:5182(Part-12)	0.01-100	BDL	01

Note:


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(Dr. Abhishek Kumar Singh)

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/12

NAME & ADDRESS OF CUSTOMER	M/s DCM SHRIRAM LTD. (Sugar Unit Ajbapur) Village-Ajbapur, PO- Mullapur, Dist.-Lakhimpur Kheri-261 505)	ULR No.	TC127512400009122F
		Test Report No.	ECO/LAB/AS/0937/9122/11/2024
		Issue Date of Test Report	21.11.2024
Type of Sample	Stack Emission	Name of Location	Boiler Emission
Sample Registration No.	0937	Sample Collected By	EMPL Representative
Sampling Method	IS: 11255	Time of Sample Collection	03.35 PM
Date of Sample Collection	12.11.2024	Time of Sample Receipt	10.05 AM
Date of Sample Receipt	14.11.2024	End Date of Analysis	21.11.2024
Start Date of Analysis	14.11.2024	Sampling Duration	42.0 min
Weather Condition	Clear	Sample ID Code	ECO/LAB/9122/11/2024
Environmental Condition	Temperature: 27±2°C Humidity: 50 %	Instrument Name & Lab ID	
Stack Kit (VSS-1) Envirotech ECO/AR/STACK/37-29.05.2025		Flue Gas Analyzer	

Stack Details

I) Above the Ground Level (m)	65.0	Ambient Temperature (°C)	32.00
II) Above the Platform (m)	59.0	Stack Temperature (°C)	153.00
Material of Stack	RCC	Inside Diameter of Stack at sampling port (m)	2.70
Stack Attached	Stack No.3 (IJT Boiler-III)	Cross Sectional Area of Stack (m ²)	5.723
Capacity of Stack	135 Ton/ Hr.	Velocity of Flue Gas (m/sec.)	15.37
Shape of Stack	Circular	Flow Rate of Flue Gas (Nm ³ /sec.)	62.830
Type of Fuel Used	Bagasse	Pollution Control Unit	ESP
Fuel Consumption (T/Hrs.)	32.0		

Sl. No.	Test Parameters	Unit	Protocol	Detection Range	Results	Limit as per MoEF/ CPCB
1.	Particulate Matter (PM)	mg/Nm ³	IS 11255:Part 1:1985 (Reaff.:2019)	10-1000	64.13	150.0
2.	Sulphur Dioxide (SO ₂)	mg/Nm ³	IS 11255:Part 2:1985 (Reaff.:2019)	5-1000	22.17	-
3.	Nitrogen Oxides (NO _x)	mg/Nm ³	IS 11255:Part 7:2005 (Reaff.:2017)	5-1000	65.00	-

Note:


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---End of Report---

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TEST REPORT

FORMAT NO. ECO/QS/FORMAT/12

NAME & ADDRESS OF CUSTOMER	M/s DCM SHRIRAM LTD. (Sugar Unit Ajbapur) Village-Ajbapur, PO- Mullapur, Dist.-Lakhimpur Kheri-261 505)	ULR No.	TC127512400009121F
		Test Report No.	ECO/LAB/AS/0937/9121/11/2024
		Issue Date of Test Report	21.11.2024
Type of Sample	Stack Emission		
Sample Registration No.	0937	Name of Location	Boiler Emission
Sampling Method	IS: 11255	Sample Collected By	EMPL Representative
Date of Sample Collection	12.11.2024	Time of Sample Collection	03.20 PM
Date of Sample Receipt	14.11.2024	Time of Sample Receipt	10.05 AM
Start Date of Analysis	14.11.2024	End Date of Analysis	21.11.2024
Weather Condition	Clear	Sampling Duration	45.0 min
Environmental Condition	Temperature: 27±2°C	Sample ID Code	ECO/LAB/9121/11/2024
	Humidity: 50 %		
Instrument Name & Lab ID	Stack Kit (VSS-1) Envirotech [ECO/AR/STACK/37]		29.05.2025
	Flue Gas Analyzer		

Stack Details			
I) Above the Ground Level(m)	65.0	Ambient Temperature (°C)	31.00
II) Above the Platform(m)	59.0		
Material of Stack	RCC	Stack Temperature (°C)	154.00
Stack Attached	Stack No.2 (IJT Boiler-II)	Inside Diameter of Stack at sampling port (m)	2.70
Capacity of Stack	60 Ton/ Hr	Cross Sectional Area of Stack (M ²)	5.723
Shape of Stack	Circular	Velocity of Flue Gas (m/sec.)	13.25
Type of Fuel Used	Bagasse	Flow Rate of Flue Gas (Nm ³ /sec.)	53.986
Fuel Consumption (T/Hrs.)	29.0	Pollution Control Unit	ESP

Sl. No.	Test Parameters	Unit	Protocol	Detection Range	Results	Limit as per MoEF/CPCB
1.	Particulate Matter (PM)	mg/Nm ³	IS 11255:Part 1:1985(Reaff.:2019)	10-1000	56.45	150
2.	Sulphur Dioxide (SO ₂)	mg/Nm ³	IS 11255:Part 2:1985 (Reaff.:2019)	5-1000	18.73	-
3.	Nitrogen Oxides (NO _x)	mg/Nm ³	IS 11255:Part 7:2005 (Reaff.:2017)	5-1000	44.16	-

Note:

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---End of Report---

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TEST REPORT

FORMAT NO. ECO/QS/FORMAT/12

NAME & ADDRESS OF CUSTOMER	M/s DCM SHRIRAM LTD. (Sugar Unit Ajbapur) Village-Ajbapur, PO- Mullapur, Dist.-Lakhimpur Kheri-261 505)	ULR No.	TC127512400009123F
		Test Report No.	ECO/LAB/AS/0937/9123/11/2024
		Issue Date of Test Report	21.11.2024
Type of Sample	Stack Emission		
Sample Registration No.	0937	Name of Location	Boiler Emission
Sampling Method	IS: 11255	Sample Collected By	EMPL Representative
Date of Sample Collection	12.11.2024	Time of Sample Collection	02.53 PM
Date of Sample Receipt	14.11.2024	Time of Sample Receipt	10.05 AM
Start Date of Analysis	14.11.2024	End Date of Analysis	21.11.2024
Weather Condition	Clear	Sampling Duration	40.0 min
Environmental Condition	Temperature: 27±2°C	Sample ID Code	ECO/LAB/9123/11/2024
	Humidity: 50 %		
Instrument Name & Lab ID	Stack Kit (VSS-1) Envirotech [ECO/AR/STACK/37]		29.05.2025
	Flue Gas Analyzer		

Stack Details			
I) Above the Ground Level(m)	65.0	Ambient Temperature (°C)	32.00
II) Above the Platform(m)	59.0		
Material of Stack	RCC	Stack Temperature (°C)	152.00
Stack Attached	Stack No.4 (Taxmoco)	Inside Diameter of Stack at sampling port (m)	2.70
Capacity of Stack	75 Ton/ Hr.	Cross Sectional Area of Stack (M ²)	5.723
Shape of Stack	Circular	Velocity of Flue Gas (m/sec.)	15.63
Type of Fuel Used	Bagasse	Flow Rate of Flue Gas (Nm ³ /sec.)	59.146
Fuel Consumption (T/Hrs.)	29.0	Pollution Control Unit	ESP

Sl. No.	Test Parameters	Unit	Protocol	Detection Range	Results	Limit as per MoEF/CPCB
1.	Particulate Matter (PM)	mg/Nm ³	IS 11255:Part 1:1985(Reaff.:2019)	10-1000	65.42	150
2.	Sulphur Dioxide (SO ₂)	mg/Nm ³	IS 11255:Part 2:1985 (Reaff.:2019)	5-1000	13.64	-
3.	Nitrogen Oxides (NO _x)	mg/Nm ³	IS 11255:Part 7:2005 (Reaff.:2017)	5-1000	68.45	-

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TEST REPORT

FORMAT NO. ECO/QS/FORMAT/12

NAME & ADDRESS OF CUSTOMER	M/s DCM SHRIRAM LTD. (Sugar Unit Ajbapur) Village-Ajbapur, PO- Mullapur, Dist.-Lakhimpur Kheri-261 505)	ULR No.	TC127512400009120F
		Test Report No.	ECO/LAB/AS/0937/9120/11/2024
		Issue Date of Test Report	21.11.2024
Type of Sample	Stack Emission		
Sample Registration No.	0937	Name of Location	Boiler Emission
Sampling Method	IS: 11255	Sample Collected By	EMPL Representative
Date of Sample Collection	12.11.2024	Time of Sample Collection	02.30 PM
Date of Sample Receipt	14.11.2024	Time of Sample Receipt	10.05 AM
Start Date of Analysis	14.11.2024	End Date of Analysis	21.11.2024
Weather Condition	Clear	Sampling Duration	40.0 min
Environmental Condition	Temperature: 27±2°C	Sample ID Code	ECO/LAB/9120/11/2024
	Humidity: 50 %		
Instrument Name & Lab ID	Stack Kit (VSS-I) Envirotech [ECO/AR/STACK/37]		29.05.2025
	Flue Gas Analyzer		

Stack Details

I) Above the Ground Level(m)	65.0	Ambient Temperature (°C)	31.00
II) Above the Platform(m)	59.0		
Material of Stack	RCC	Stack Temperature (°C)	137.00
Stack Attached	Stack No.1 (IJT Boiler-I)	Inside Diameter of Stack at sampling port (m)	2.70
Capacity of Stack	60 Ton/ Hr	Cross Sectional Area of Stack (M ²)	5.723
Shape of Stack	Circular	Velocity of Flue Gas (m/sec.)	14.35
Type of Fuel Used	Bagasse	Flow Rate of Flue Gas (Nm ³ /sec.)	60.892
Fuel Consumption (T/Hrs.)	29.0	Pollution Control Unit	ESP

Sl. No.	Test Parameters	Unit	Protocol	Detection Range	Results	Limit as per MoEF/CPCB
1.	Particulate Matter (PM)	mg/Nm ³	IS 11255:Part 1:1985(Reaff.:2019)	10-1000	55.23	150.0
2.	Sulphur Dioxide (SO ₂)	mg/Nm ³	IS 11255:Part 2:1985 (Reaff.:2019)	5-1000	23.89	-
3.	Nitrogen Oxides (NO _x)	mg/Nm ³	IS 11255:Part 7:2005 (Reaff.:2017)	5-1000	51.64	-

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TEST REPORT

FORMAT NO. ECO/QS/FORMAT/12

NAME & ADDRESS OF CUSTOMER	M/s DCM SHRIRAM LTD. (Sugar Unit Ajbapur) Village-Ajbapur, PO- Mullapur, Dist.-Lakhimpur Kheri-261 505)	Test Report No.	ECO/LAB/AS/0937/9124/11/2024
		Issue Date of Test Report	21.11.2024
Type of Sample	Stack Emission		
Sample Registration No.	0937	Name of Location	DG Set 1010 KVA
Sampling Method	IS: 11255	Sample Collected By	EMPL Representative
Date of Sample Collection	13.11.2024	Time of Sample Collection	10.20 AM
Date of Sample Receipt	14.11.2024	Time of Sample Receipt	10.05 AM
Start Date of Analysis	14.11.2024	End Date of Analysis	21.11.2024
Weather Condition	Clear	Sampling Duration	50.0 min
Environmental Condition	Temperature: 27±2°C	Sample ID Code	ECO/LAB/9124/11/2024
	Humidity: 50 %		
Instrument Name & Lab ID	Stack Kit (VSS-1) Envirotech [ECO/AR/STACK/37]- 29.05.2025		
	Flue Gas Analyzer		

Stack Details			
I) Above the Ground Level (m)	31.0	Ambient Temperature (°C)	32.00
II) Above the Platform(m)	10.0		
Material of Stack	MS	Stack Temperature (°C)	247.00
Stack Attached	DG Set	Inside Diameter of Stack at sampling port (M)	0.60
Capacity of Stack	1010 KVA	Cross Sectional Area of Stack (M ²)	0.283
Shape of Stack	Circular	Velocity of Flue Gas (m/sec.)	18.23
Type of Fuel used	HSD	Flow Rate of Flue Gas (Nm ³ /sec.)	3.026
Fuel Consumption (L/Hrs.)	85.0	Pollution Control Unit	-

Sl. No.	Test Parameters	Unit	Protocol	Results	Standard limit as per MOEF/CPCB
1.	Non-Methane Hydrocarbon (as NMHC)	mg/Nm ³	IS-13270	1.25	4.0

Note:

1. Test results relate to the items sampled & tested.
2. Test report shall not be reproduced except in full without approval of the laboratory.
3. The test samples will be disposed of after one Month from the date of issue of test report.

---End of Report---

Verified By

Technical Manager
(Vikas Kumar)

Authorized By

Quality Manager
(Dr. Abhishek Kumar Singh)



ECOMEN MINING PRIVATE LIMITED
(Formerly known as Ecomen Laboratories Private Limited)
Second Floor Hall, House No. B-1/8, Sector-H, Alliganj, Lucknow - 226 024
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E-mail: contactus@ecomen.in, Website: www.ecomen.in, CIN - U74210UP1989PTC010601, GSTIN : 09AAACE6076H1ZI



An approved Laboratory from Ministry of Environment, Forest and Climate Change & CPCB Govt. of India, New Delhi

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/12

NAME & ADDRESS OF CUSTOMER	M/s DCM SHRIRAM LTD. (Sugar Unit Ajbapur) Village-Ajbapur, PO- Mullapur, Dist.-Lakhimpur Kheri-261 505)	ULR No.	TC127512400009124F
		Test Report No.	ECO/LAB/AS/0937/9124/11/2024
		Issue Date of Test Report	21.11.2024
Type of Sample	Stack Emission		
Sample Registration No.	0937	Name of Location	DG Set 1010 KVA
Sampling Method	IS: 11255	Sample Collected By	EMPL Representative
Date of Sample Collection	13.11.2024	Time of Sample Collection	10.45 AM
Date of Sample Receipt	14.11.2024	Time of Sample Receipt	10.05 AM
Start Date of Analysis	14.11.2024	End Date of Analysis	21.11.2024
Weather Condition	Clear	Sampling Duration	45.0 min
Environmental Condition	Temperature: 27±2°C	Sample ID Code	ECO/LAB/9124/11/2024
	Humidity: 50 %		
Instrument Name & Lab ID	Stack Kit (VSS-I) Envirotech [ECO/AR/STACK/37]- 29.05.2025		
	Flue Gas Analyzer		

Stack Details			
I) Above the Ground Level (m)	31.0	Ambient Temperature (°C)	32.00
II) Above the Platform(m)	10.0		
Material of Stack	MS	Stack Temperature (°C)	247.00
Stack Attached	DG Set	Inside Diameter of Stack at sampling port (M)	0.60
Capacity of Stack	1010 KVA	Cross Sectional Area of Stack (M ²)	0.283
Shape of Stack	Circular	Velocity of Flue Gas (m/sec.)	18.23
Type of Fuel used	HSD	Flow Rate of Flue Gas (Nm ³ /sec.)	3.026
Fuel Consumption (L/Hrs.)	85.0	Pollution Control Unit	-

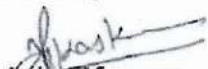
S. No.	Test Parameters	Unit	Protocol	Results	Standard limit as per MOEF/CPCB
1.	Particulate Matter (PM)	mg/Nm ³	IS 11255:Part 1:1985(Reaff:2019)	41.34	75
2.	Sulphur Dioxide (SO ₂)	mg/Nm ³	IS 11255:Part 2:1985(Reaff:2019)	19.68	-
3.	Nitrogen Oxides (NO _x)	mg/Nm ³	IS 11255:Part 7:2005(Reaff:2017)	172.05	710
4.	Carbon Monoxide (CO)	mg/Nm ³	IS:13270	72.26	150

Note:

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---End of Report---

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Technical Manager
(Vikas Kumar)

Authorized By


Quality Manager
(Dr. Abhishek Kumar Singh)



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TEST REPORT

FORMAT NO. ECO/QS/FORMAT/12

NAME & ADDRESS OF CUSTOMER	M/s DCM SHRIRAM LTD. (Sugar Unit Ajbapur) Village-Ajbapur, PO- Mullapur, Dist.-Lakhimpur Kheri-261 505)	Test Report No.	ECO/LAB/AS/0937/9125/11/2024
		Issue Date of Test Report	21.11.2024
Type of Sample	Stack Emission		
Sample Registration No.	0937	Name of Location	DG Set -03
Sampling Method	IS: 11255	Sample Collected By	EMP Representative
Date of Sample Collection	13.11.2024	Time of Sample Collection	11.35 AM
Date of Sample Receipt	14.11.2024	Time of Sample Receipt	10.05 AM
Start Date of Analysis	14.11.2024	End Date of Analysis	21.11.2024
Weather Condition	Clear	Sampling Duration	50.0 min
Environmental Condition	Temperature: 27±2°C	Sample ID Code	ECO/LAB/9125/11/2024
	Humidity: 50 %		
Instrument Name & Lab ID	Stack Kit (VSS-I) Envirotech [ECO/AR/STACK/37] -29.05.2025		
	Flue Gas Analyzer		

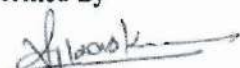
Stack Details			
I) Above the Ground Level(m)	13.0	Ambient Temperature (°C)	32.00
II) Above the Platform(m)	5.0		
Material of Stack	MS	Stack Temperature (°C)	229.00
Stack Attached	DG Set	Inside Diameter of Stack at sampling port (M)	0.60
Capacity of Stack	380 KVA	Cross Sectional Area of Stack (M ²)	0.2826
Shape of Stack	Circular	Velocity of Flue Gas (m/sec.)	16.37
Type of Fuel Used	HSD	Flow Rate of Flue Gas (Nm ³ /sec.)	2.810
Fuel Consumption (L/Hrs.)	50.0	Pollution Control Unit	-

S. No.	Test Parameters	Unit	Protocol	Results	Standard limit as per MOEF/CPCB
1.	Hydrocarbon (HC)	gm/kw-hr	IS:13270	1.38	4.0

Note:

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Verified By


Technical Manager
(Vikas Kumar)

---End of Report---

Authorize d By


Quality Manager
(Dr. Abhishek Kumar Singh)



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E-mail: contactus@ecomen.in, Website: www.ecomen.in, CIN - U74210UP1989PTC010601, GSTIN : 09AAACE6076H1ZI



TC-12751

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TEST REPORT

FORMAT NO. FCO/QS/FORMAT/12

NAME & ADDRESS OF CUSTOMER	M/s DCM SHRIRAM LTD. (Sugar Unit Ajbapur) Village-Ajbapur, PO- Mullapur, Dist.-Lakhimpur Kheri-261 505)	ULR No.	TC127512400009125F
		Test Report No.	ECO/LAB/AS/0937/9125/11/2024
		Issue Date of Test Report	21.11.2024
Type of Sample	Stack Emission		
Sample Registration No.	0937	Name of Location	DG Set -03
Sampling Method	IS: 11255	Sample Collected By	EMP Representative
Date of Sample Collection	13.11.2024	Time of Sample Collection	11.35 AM
Date of Sample Receipt	14.11.2024	Time of Sample Receipt	10.05 AM
Start Date of Analysis	14.11.2024	End Date of Analysis	21.11.2024
Weather Condition	Clear	Sampling Duration	50.0 min
Environmental Condition	Temperature: 27±2°C	Sample ID Code	ECO/LAB/9125/11/2024
	Humidity: 50 %		
Instrument Name & Lab ID	Stack Kit (VSS-1) Envirotech [ECO/AR/STACK/37] -29.05.2025		
	Flue Gas Analyzer		

Stack Details			
I) Above the Ground Level(m)	13.0	Ambient Temperature (°C)	32.00
II) Above the Platform(m)	5.0		
Material of Stack	MS	Stack Temperature (°C)	229.00
Stack Attached	DG Set	Inside Diameter of Stack at sampling port (M)	0.60
Capacity of Stack	380 KVA	Cross Sectional Area of Stack (M ²)	0.2826
Shape of Stack	Circular	Velocity of Flue Gas (m/sec.)	16.37
Type of Fuel Used	HSD	Flow Rate of Flue Gas (Nm ³ /sec.)	2.810
Fuel Consumption (L/Hrs.)	50.0	Pollution Control Unit	-

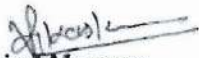
Sl. No.	Test Parameters	Unit	Protocol	Results	Standard limit as per MOEF/CPCB
1.	Particulate Matter (PM)	gm/kw-hr	IS 11255:Part 1:1985(Reaff.:2019)	0.167	0.2
2.	Sulphur Dioxide (SO ₂)	gm/kw-hr	IS 11255:Part 2:1985(Reaff.:2019)	0.14	-
3.	Nitrogen Oxides (NO _x)	gm/kw-hr	IS 11255:Part 7:2005(Reaff.:2017)	2.54	4.0
4.	Carbon Monoxide (CO)	gm/kw-hr	IS:13270	1.37	3.5

Note:

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---End of Report---

Verified By


Technical Manager
(Vikas Kumar)

Authorized By


Quality Manager
(Dr. Abhishek Kumar Singh)

Treated effluent will be used in own land (lawn/garden/Company land and farmer's field)
The standard prescribed by the MoEFCC notification dated 14 January 2017 will be followed
Calculations are as follows

LAWN / GARDEN/CANE FARM AREA			
SN	Name of	Size in Meter	Area in Squire Meter
A Lawn/Garden inside the factory			
1	Guest house East	165 x 168	26208
2	Guest house West	23 X 49	1127
3	Guest house North	26 X 55	1430
4	Guest house South	67 X 55	3685
5	B- Block back side	26 X 145	3770
6	B- Block front side	14 X 177	2478
7	B- Block west side	16 X 50	800
8	New B - Block front side	53 X 54	2862
9	New B - Block south side	36 X 114	4104
10	Temple Lawn south side	59 X 33	1947
11	Temple Lawn west side	30 X 22	660
12	Stadium lawn	138 X 143	19734
13	Store & account west side	38 X 34	1292
14	Store & account north side	100 X 34	3400
15	Admin Block East side	51 X 118	6018
16	Lawn near car parking East side	38 X 47	1786
17	G block New garden	75X15	1125
18	F block garden	(112 X 98) - (44 X 63)	8204
19	E block South side	44 X 63	2772
20	E block North side	45 X 28	1080
	Sub Total		94482
B Company land outside the factory within 1 KM			
1	Company Land -1	150 X 92	13800
2	Company Land -2	248 X 112	27776
3	Company Land -3	50 X 135	6750
4	Company Land -4	84 X 131	11004
5	Company Land -5	131 X 33	4323
6	Company Land -6	22 X 30	660
7	Company Land -7	30 X15	450
8	Company Land -8	22 X 15	330
9	From area beside boundary	13.0	130000
	Own land		195093
	Total Area own land	Hactare	28.96
SN	Particulars	UOM	Values
A	Own land (Garden, Horticulture & Tree Plantation)	Hactare	9.45
B	Own land cane farming	Hactare	19.51
C	Farmers' field under agreement	Hactare	196.00
D Calculation of treated waste water generation			
1	Max. average crush	T	14000.00
2	Maximum average effluent rate in last three years	L/T cane	200.00
3	Total effluent	KLD	2800.00
4	Season	Days	180
5	Total treated waste water	KL	504000.00
E Calculation of treated waste water requirement in own land (A)			
1	Own land	Hactare	9.45
2	70% of own land	Hactare	6.61
3	Cycles	Days	5.00
4	Nos of cycles in season	Nos	36.00
	Water requirement in one cycle	KL per hactare	197.00
5	Water requirement in one cycle @ 197 KL/H	KL	1302.91
6	Total treated waste water requirement in Season	KL	46904.64
E Calculation of treated waste water requirement in own can field + farmers' field (B+C)			
1	Own field + Farmers' field under agreement	Hactare	215.51
2	70% of the farmers' field	Hactare	150.86
3	Cycle	Days	15.00
4	Nos of cycles in season	Nos	12.00
	Water requirement in one cycle	KL per hactare	197.00



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TEST REPORT

FORMAT NO. ECO/QS/FORMAT/07

NAME & ADDRESS OF CUSTOMER:	DCM Shriram Ltd. (Sugar Unit Ajbapur) Village: Ajbapur, PO- Mullapur, Distt.-Lakhimpur Kheri-261 505	ULR No.	TC127512400009176F
		Test Report No.	ECO/LAB/WW/0937/9176/11/2024
		Issue Date of Test Report	20.11.2024
Type of Sample	Waste Water		
Sample Registration No.	0937	Name of Location	ETP Inlet
Sampling Method	APHA	Sample Collected By	EMPL Representative
Date of Sample Collection	13.11.2024	Time of Sample Collection	-
Date of Sample Received	14.11.2024	Time of Sample Received	10:20 AM
Start Date of Analysis	14.11.2024	End Date of Analysis	20.11.2024
Laboratory	Temperature: 27 ± 2 °C	Sample Quantity	As per Requirement
Environmental Condition	Humidity: 52 %	Sample ID Code	ECO/LAB/91. 6/11/2024

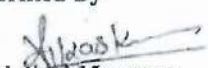
Sl. No.	Tests	Unit	Protocol	Limits of Detection	Result
1.	pH	-	APHA, 24th Ed. 2023, 4500 H ⁺ A+B	2-12	4.46
2.	Total Suspended Solid as TSS	mg/l	APHA, 24th Ed. 2023, 2540D	5-5000	462.0
3.	Total Dissolved Solids as TDS	mg/l	APHA, 24th Ed. 2023, 2540-C	10-10000	1190.0
4.	Biochemical Oxygen Demand as BOD 5 days at 20°C	mg/l	APHA, 24th Ed. 2023, 5210 A+B	5-10000	189.0
5.	Chemical Oxygen Demand as COD	mg/l	APHA, 24th Ed. 2023, 5220 A+C	5-50000	1520.0
6.	Oil & Grease as O & G	mg/l	APHA, 24th Ed. 2023, 5520 A+D	2.5-1000	8.2

Note:

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3. The test samples will be disposed of after one Month from the date of issue of test report.
4. BDL- Below Detection Limit

---End of Report---

Verified By


Technical Manager
(Vikas Kumar)

Authorized By


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TEST REPORT

FORMAT NO. ECO/QS/FORMAT/07

NAME & ADDRESS OF CUSTOMER:	DCM Shriram Ltd. (Sugar Unit Ajbapur) Village: Ajbapur, PO- Mullapur, Distt.-Lakhimpur Kheri-261 505	ULR No.	TC127512400009177F
		Test Report No.	ECO/LAB/WW/0937/9177/11/2024
		Issue Date of Test Report	20.11.2024
Type of Sample	Waste Water		
Sample Registration No.	0937	Name of Location	ETP Outlet
Sampling Method	APHA	Sample Collected By	EMPL Representative
Date of Sample Collection	13.11.2024	Time of Sample Collection	-
Date of Sample Received	14.11.2024	Time of Sample Received	10:20 AM
Start Date of Analysis	14.11.2024	End Date of Analysis	20.11.2024
Laboratory Environmental Condition	Temperature: 27 ± 2 °C	Sample Quantity	As per Requirement
	Humidity: 52 %	Sample ID Code	ECO/LAB/9177/11/2024

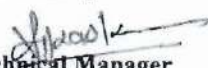
Sl. No.	Tests	Unit	Protocol	Limits of Detection	Result	G.S.R 35(E)
						Desirable Limit
1.	pH	-	APHA, 24th Ed. 2023, 4500 H ⁺ A+B	2-12	8.10	5.5-8.5
2.	Total Suspended Solid as TSS	mg/l	APHA, 24th Ed. 2023, 2540D	5-5000	12.0	30.0
3.	Total Dissolved Solids as TDS	mg/l	APHA, 24th Ed. 2023, 2540-C	10-10000	1506.0	-
4.	Biochemical Oxygen Demand as BOD 5 days at 27°C	mg/l	APHA, 24th Ed. 2023, 5210 A+B	5-10000	12.0	30.0
5.	Chemical Oxygen Demand as COD	mg/l	APHA, 24th Ed. 2023, 5220 A+C	5-50000	68.0	250.0
6.	Oil & Grease as O & G	mg/l	APHA, 24th Ed. 2023, 5520 A+D	2.5-1000	2.7	10.0

Note:


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TEST REPORT

FORMAT NO. ECO/QS/FORMAT/07

NAME & ADDRESS OF CUSTOMER:	DCM Shriram Ltd. (Sugar Unit Ajbapur) Village: Ajbapur, PO- Mullapur, Distt.-Lakhimpur Kheri-261 505	ULR No.	TC127512400009178F
		Test Report No.	ECO/LAB/WW/0937/9178/11/2024
		Issue Date of Test Report	20.11.2024
Type of Sample	Waste Water		
Sample Registration No.	0937	Name of Location	STP Inlet
Sampling Method	APHA	Sample Collected By	EMPL Representative
Date of Sample Collection	13.11.2024	Time of Sample Collection	-
Date of Sample Received	14.11.2024	Time of Sample Received	10:20 AM
Start Date of Analysis	14.11.2024	End Date of Analysis	20.11.2024
Laboratory Environmental Condition	Temperature: 27 ± 2 °C	Sample Quantity	As per Requirement
	Humidity: 52 %	Sample ID Code	ECO/LAB/9178/11/2024

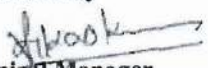
Sl. No.	Tests	Unit	Protocol	Limits of Detection	Result
1.	pH	-	APHA, 24th Ed. 2023, 4500 H ⁺ A+B	2-12	7.40
2.	Total Suspended Solid as TSS	mg/l	APHA, 24th Ed. 2023, 2540D	5-5000	102.0
3.	Total Dissolved Solids as TDS	mg/l	APHA, 24th Ed. 2023, 2540-C	10-10000	512.0
4.	Biochemical Oxygen Demand as BOD 5 days at 20°C	mg/l	APHA, 24th Ed. 2023, 5210 A+B	5-10000	33.0
5.	Chemical Oxygen Demand as COD	mg/l	APHA, 24th Ed. 2023, 5220 A+C	5-50000	300.0
6.	Oil & Grease as O & G	mg/l	APHA, 24th Ed. 2023, 5520 A+D	2.5-1000	7.4

Note:

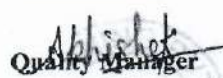
1. Test results relate to the items sampled & tested.
2. Test report shall not be reproduced except in full without approval of the laboratory.
3. The test samples will be disposed of after one Month from the date of issue of test report.

----End of Report----

Verified By


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TEST REPORT

FORMAT NO. ECO/QS/FORMAT/07

NAME & ADDRESS OF CUSTOMER:	DCM Shriram Ltd. (Sugar Unit Ajbapur) Village: Ajbapur, PO- Mullapur, Distt.-Lakhimpur Kheri-261 505	ULR No.	TC127512400009179F
		Test Report No.	ECO/LAB/WW/0937/9179/11/2024
		Issue Date of Test Report	20.11.2024
Type of Sample	Waste Water	Name of Location	STP Outlet
Sample Registration No.	0937	Sample Collected By	EMPL Representative
Sampling Method	APHA	Time of Sample Collection	-
Date of Sample Collection	13.11.2024	Time of Sample Received	10:20 AM
Date of Sample Received	14.11.2024	End Date of Analysis	20.11.2024
Start Date of Analysis	14.11.2024	Sample Quantity	As per Requirement
Laboratory Environmental Condition	Temperature: 27 ± 2 °C	Sample ID Code	ECO/LAB/9179/11/2024
	Humidity: 52 %		

Sl. No.	Tests	Unit	Protocol	Limits of Detection	Result	Standard G.S.R. 422(E)
						Desirable Limit
1.	pH	-	APHA, 24th Ed. 2023, 4500 H ⁺ A+B	2-12	8.60	6.5-9.0
2.	Total Suspended Solid as TSS	mg/l	APHA, 24th Ed. 2023, 2540D	5-5000	16.0	100.0
3.	Total Dissolved Solids as TDS	mg/l	APHA, 24th Ed. 2023, 2540-C	10-10000	672.0	-
4.	Biochemical Oxygen Demand as BOD 5 days at 20°C	mg/l	APHA, 24th Ed. 2023, 5210 A+B	5-10000	9.0	30.0
5.	Chemical Oxygen Demand as COD	mg/l	APHA, 24th Ed. 2023, 5220 A+C	5-50000	36.0	250.0
6.	Oil & Grease as O & G	mg/l	APHA, 24th Ed. 2023, 5520 A+D	2.5-1000	BDL	10.0
7.	Faecal coliform	MPN/100 ml	IS-1622, 1981 RA2021	1.8	11	-

Note:

1. Test results relate to the items sampled & tested.
2. Test report shall not be reproduced except in full without approval of the laboratory.
3. The test samples will be disposed of after one Month from the date of issue of test report.
4. BDL- Below Detection Limit

---End of Report---

Verified By


Technical Manager
(Vikas Kumar)

Authorized By


Quantity Manager
(Dr. Abhishek Kumar Singh)



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TC-12751

An approved Laboratory from Ministry of Environment, Forest and Climate Change & CPCB Govt. of India, New Delhi

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/13

NAME & ADDRESS OF CUSTOMER:	M/s DCM SHRIRAM LTD. (Sugar Unit Ajbapur) Village-Ajbapur, PO- Mullapur, Dist.-Lakhimpur Kheri-261 505)	ULR No.	TC127512400009159-73F
		Test Report No.	ECO/LAB/AN/0937/9159-73/11/2024
		Issue Date of Test Report	21.11.2024
Type of Sample	Noise Measurement		
Sample Registration No.	0937	Name of Location	-
Sampling Method	IS 9989:1981	Sample Collected By	EMPL Representative
Date of Sample Collection	12.11.2024 to 13.11.2024	Time of Sample Collection	10:35AM
Date of Sample Received	14.11.2024	Time of Sample Received	10.05 AM
Start Date of Analysis	14.11.2024	End Date of Analysis	21.11.2024
Weather Condition	Sunny	Sampling Duration	Hourly
Environmental Condition	Temperature: 25 ± 2 °C	Sample ID Code	ECO/LAB/9159-73.11/2024
	Humidity: 50%		
Instrument Name & Lab ID	Sound Level Meter	ECO/AR/SLM/02 (Due date of Calibration :29.05.2025)	

Sr. No	Particular	Leq Value in dB(A)	
		Day	Night
1	Fibrizer Area	71.46 *	65.26
2	Boiler Fan Area	68.23	55.40
3	Power House Area	70.14	51.77
4	D. G. Set -I Area	73.00	67.10
5	D. G. Set -II Area	65.16	54.35
6	D. G. Set -III Area	72.00	55.80
7	Clarification Area	64.42	53.46
8	Pan Station Area	62.00	58.10
9	Centrifugal Area	57.50	48.65
10	Drier House Area	68.30	56.37
11	Cane Gate	70.00	56.11
Ambient Noise			
1	Main Gate Area	73.23	60.00
2	Near ETP Area	64.18	51.89
3	Colony Area	56.67	41.73
4	Plant Gate Area	71.56	55.14

Noise (Ambient Standard)

Area Code	Category of area	Limit in dB (A) Leq	
		Day Time	Night Time
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40

Note:

- Day time is reckoned in between 6:00 AM and 10:00 PM.
- Night time is reckoned in between 10:00 PM and 6:00 AM
- Silence zone is defined as area up to 100m around such premises as hospitals, educational institutions & courts. The silence zones are to be declared by a competent authority.
- Mixed categories of areas should be declared as one of the four above-mentioned categories by the competent authority and the corresponding standard shall apply.

---End of Report---

Verified By



Technical Manager
(Vikas Kumar)

Authorized By

Quality Manager
(Dr. Abhishek Kumar Singh)

Sugar

EHS Training Topics 2024-25			
S.No.	Training Topics	Hours of training	No. of Participants
1	General Safety Awareness_Fire safety and personnel safety training	194	97
2	5S & Visual	24	12
3	Banking power & TOD structure (energy)	42	28
4	Chemical Preparation SOP	8	5
5	Contractor safety- checkpoints and procedure	10	6
6	Development of BBS Culture	60	30
7	EHS Rolling cup & shriram rolling trophy awareness	82	41
8	Energy Management Training	48.5	32
9	Environment Health & Safety	174	87
10	Fire fighting training	344	172
11	Food Safety Rules Training	492	246
12	Importance of Insulation/Economics of insulation	220	110
13	ISO / IMS 9001: 2015, 14001: 2015 & 45001: 2018 Awareness	30	15
14	Innovative Thinking Training	16	8
15	LOTO Training	9	5
16	Lab Safety -Use of PPEs	20	10
17	Machine guarding safety training	198	99
18	Mill Safety interlocks on operation	168	84
19	Mill Sanitation Training	160	80
20	SHE Pillar Training	16	8
21	POSH Training	576	288
22	Trip logics & Safe Operations Training	16	32
23	Near Miss Training	32	64
24	Shut down safety and business objective and targets	16	8

	<p style="text-align: center;">ENVIRONMENT CELL –SUGAR UNIT</p> <p style="text-align: center;">DCM SHRIRAM LTD., SUGAR UNIT - AJBAPUR</p>	
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DCM SHRIRAM LTD., SUGAR UNIT - AJBAPUR
ENVIRONMENT CELL

A. Managers / Officer's

1. Unit Head
2. AVP (Process)
3. GM- EHS
4. Sr. Manager (Process)
5. Dy. Manager Environment
6. Assistant Manager (R&D)

B. Maintenance Manager

1. Manager (Engineering)

C. Operation /Contractual Staff

1. ETP Chemist/Supervisor - Five
2. ETP Operators – Seven
3. Workers – Seven
4. Fitter – One