

Ref. No: DBSIL/Dist./RGH/2023-24/11

Date:- 27.04.2024

To,
The Director Ministry of Environment Forest
Govt. of India
Regional Office (Central Region)
Kendriya Bhawan, 5 th floor
Sector H, Aliganj, Lucknow.

Sub: Compliance of letter No.- F.No.IA-J-11011/253/2018-IA.II(I), dated 28 December, 2020

Dear Sir,

We are enclosing herewith compliance report for the period from October 2023 to March 2024 on the above mentioned subject of environmental clearance.

We hope you will kindly find above in order.

Thanking You,

For Dalmia Bharat Sugar and Industries Limited,
Distillery Division, Ramgarh, Distt. Sitapur (U.P)



(Authorized Signatory)
Encl: As above

Name of the Project : Distillery Unit
 : M/s. Dalmia Bharat Sugar And Industries Limited
 (Dalmia Chini Mills)
 : Vill. – Ramgarh-Mahsul,
 : Thesil- Mishrik
 : Distt – Sitapur. (U.P)

Clearance letter No. F.No.IA-J-11011/253/2018-IA.II(I), dated 28 December, 2020
 Period of compliance Report: 01.10.2023 to 31.03.2024

Specific Conditions :		
S. No.	Conditions	Compliance Status
(I)	The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented.	All the environmental protection measures as per EIA/EMP report are implemented as follows;. 1. Fermentation Followed by Distillation, followed by MEE 2. Incineration Boiler having Bag Filter. 3. State of art of CPU Plant followed by Anaerobic, Aerobic, UV, UF & RO system. Treated water is being used in molasses/syrup dilution in the Fermentation & Cooling Tower make up. 4. Paved road 5. Plantation etc We are achieving Zero Liquid Discharge.
(II)	As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises. Treated effluent shall be reused in the process/utilities. Treated Industrial effluent shall not be used for gardening/greenbelt development/horticulture.	Spent wash generated from the plant and concentrated in the Multi Effect Evaporator and then is being used in the Incineration Boiler as fuel and condensate water is being treated through CPU followed by Anaerobic, Aerobic, UV, UF & RO system. Treated water is being used in molasses/syrup dilution in the Fermentation & Cooling Tower make up. We are achieving Zero Liquid Discharge.
(III)	As committed, Bag filter shall be installed as air pollution control equipment.	Bag Filter installed and is in operation at Incineration boiler to control air pollution.

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(IV)	As proposed, total fresh water requirement shall be 640 cum/day, proposed to be met from ground water source. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard, and renewed from time to time.	Permission from UP Ground Water Department for withdrawal of ground water has already been obtained vide NOC certificate no NOC015849 & valid up to 11.07.2026. Annexure - 1
(V)	Project Proponent want to install incineration boiler for treatment of spent wash to ensure ZLD. As committed by the project proponent, the spent wash/other concentrates shall be incinerated.	Incineration boiler has been installed for treatment of spent wash and other concentrates. and is being achieved zero liquid discharge.
(VI)	CO2 generated from the process shall be bottled/made solid ice and utilized/sold to authorized vendors.	We are waiting decision/advise from Govt on request of our parent organization, ISMA has request letter to change the conditions in ECs to install CO2 plant to capture/ trap/store CO2 generated during fermentation process due to no demand Annexure - 2
(VII)	Occupational health centre for surveillance of the worker's health shall be set up. The health data shall be used in deploying the duties of the workers. All workers & employees shall be provided with required safety kits/mask for personal protection.	Occupational health surveillance conducted for 57 members of unit up to March 2024 clearly indicates that none of the individual is suffering from any infectious or contagious diseases. Annexure - 3
(VIII)	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Safety and visual reality training shall be provided to employees.	Training is being carried out for all employees on safety and health aspects of chemicals handling. Safety and visual reality training is being also provided for all employees. Annexure - 4

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(IX)	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire-fighting system shall be as per the norms.	The unit has installed arrangement for protection of possible fire hazards during manufacturing processes in material handling. Firefighting system adopted as per norms. NOC is attached here with Details as per Annexure - 5
(X)	Process organic residue and spent carbon, if any, shall be sent to Cement/other suitable industries for its management/incinerations.	We are providing all the organic residue and spent carbon to M/S G.R.Movers, Court Road Roshanganj, Shahjhanpur, U.P - 242001 for further processing. Details as per Annexure - 6
(XI)	<p>The company shall undertake waste minimization measures as below</p> <p>(a) Metering and control of quantities of active ingredients to minimize waste;</p> <p>(b) Reuse of by- products from the process as raw materials or as raw material substitutes in other processes.</p> <p>(c) Use of automated filling to minimize spillage.</p> <p>(d) Use of Close Feed system into batch reactors.</p> <p>(e) Venting equipment through vapour recovery system.</p> <p>(f) Use of high pressure hoses for equipment clearing to reduce wastewater generation.</p>	<p>The company has undertaken waste minimization measures as mentioned below,</p> <p>(a) Spent wash recycle is being done in Fermenters to minimize slope quantity and RO reject in Evaporation to minimize waste.</p> <p>(b) Recycle of CO2 Scrubber water and Spent lees in fermenter as molasses/ Syrup dilution water.</p> <p>(c) We are using Automated/ Enclose dosing system for Antifoam, Acid, Nutrient, Spent wash etc. to minimize spillage.</p> <p>(d) We are using Automated/ Enclose dosing system for water, molasses, Antifoam, Acid, Nutrient, Spent wash etc in batch reactors.</p> <p>(e) Recovery of alcohol vapour through CO2 Scrubber and Vent condenser alcohol vapour through Vacuum scrubber.</p> <p>(f) We are using Hydro Jet pump for Calenderia tube and Plant condenser tube cleaning of having pressure of 1500Kg/Cm2</p>

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(XII)	The green belt of at least 5-10 m width shall be developed in nearly 33% of the total project area, mainly along the plant periphery. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department. Records of tree canopy shall be monitored through remote sensing map.	Total Distillery Project Area is 4.772 Hectare, and green belt is being develop in 33% of total plant area i.e 1.58 Hectare, and about 18000 plants planted as per our action plan. We had developed plantation as per Miyawaki schemes. Layout of Distillery Unit attached as Annexure – 7
(XIII)	The activities and the action plan proposed by the project proponent to address the public hearing and socio-economic issues in the study area, shall be completed as per the schedule presented before the Committee and as described in the EMP report in letter and spirit. All the commitments made during public hearing shall be satisfactorily implemented	Complied with
(XIV)	The project proponent shall ensure rain water harvesting system in the project area and reduce dependency on ground water.	We have adopted natural ponds for recharge of ground water as per NOC condition of UP Ground Water Department.
(XV)	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.	We have made adequate space inside the plant premises earmarked for parking of vehicles for raw material and finished products and no parking allowed outside on public places.
(XVI)	Storage of raw materials shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.	Storage of raw materials is being stored in covered area to prevent dust pollution and other fugitive emissions.

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(XVII)	Project Proponent shall reduce the quantity of effluents generation in the unit and PP shall install the effective wastewater treatment system. Adequate system shall be in place for controlling the odour and mitigation measures to protect the contamination of ground/surface water.	System shall be adopted to reduce the quantity of effluent generation, condensate water shall be treated through CPU followed by Anaerobic, Aerobic, UV, UF & RO system. Treated water shall be used in molasses/syrup dilution in the Fermentation & Cooling Tower make up. We are maintained Zero Liquid Discharge.
(XVIII)	Continuous online (24x7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.	Continuous on line monitoring system is being placed and data is being transmitted to the CPCB and SPCB server. We have already installed web camera with night vision capability and flow meters also are in placed to carrying effluent within the premises.
(XIX)	A separate Environmental Management Cell (having qualified person with Environmental Science/Environmental Engineering/specialization in the project area) equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	Environment management cell having 11 member working accordingly and Laboratory is being in operation to control environmental parameters Annexure - 8

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(I)	<p>General Conditions:- No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIM, as applicable. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry/SEIM to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.</p>	It is strictly adhere to.
(II)	The energy source for lighting purpose shall be preferably solar/LED based, or advance having preference in energy conservation and environment betterment.	LED based lighting arrangement is being used for energy conservation and environment betterment.
(III)	The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one station each is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.	We have decided with consultation of SPCB officers for locations of Ambient air quality monitoring stations of our unit and monitoring is being done accordingly. We have engaged third party (Advance Environmental Testing and Research Lab Pvt Ltd. Gwalior) for environmental monitoring on regular basis.
(IV)	The National Ambient Air Quality Emission Standards issued by the Ministry, vide G.S.R.No. 826(E) dated 16 ^h November, 2009 shall be followed.	We have conducted Advance Environmental Testing and Research Lab Pvt Ltd. Gwalior through Eco tech Corporation Shahjahanpur for monitoring of Air Ambient Quality Monitoring. Annexure - 9

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(X)	<p>The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management pollution control measures shall not be diverted for any other purpose.</p>	<p>We have taken sufficient funds towards capital cost and recurring cost:- a) Provision of Funds as Capital cost - 50.00 Crore b) Invested as capital cost - 50.00 Crore c) Recurring expenditure shall be made to implement the condition stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government - Approx 2.0 Crore/Year</p>
(XI)	<p>A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposa</p>	<p>Complied with</p>
(XII)	<p>The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.</p>	<p>Complied with.</p>

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(V)	<p>The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).</p>	<p>We have conducted Advance Environmental Testing and Research Lab Pvt Ltd. Gwailor through Eco tech Corporation Shahjahanpur for monitoring of Air Ambient Noise</p>
(VI)	<p>The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and to utilize the same for process requirements.</p>	<p>We have adopted natural ponds for recharge of ground water as per NOC condition of UP Ground Water Department.</p>
(VII)	<p>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.</p>	<p>Training has been made for all employees on safety and health aspects of chemicals handling. Safety and visual reality training shall be also provided for all employees on regular basis, routine periodical medical examinations for all employees shall be undertaken on regular basis</p>
(VIII)	<p>The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. The activities shall be undertaken by involving local villages and administration.</p>	<p>The company's focus area for CSR for the local community has been in the field of climate action (Water and Energy). Livelihood skill development, social infrastructure development, health care education, sanitation, environment conservation. Expenditures for above activities in the FY 2023-2024 is Rs-20421490.00 Details is being enclosed as Annexure - 10</p>
(IX)	<p>The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.</p>	<p>Complied with.</p>

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(XIII)	<p>The environmental statement for each financial year ending 31st March in Form-Vas is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail.</p>	<p>Complied with.</p>
(XIV)	<p>The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry and at https://parivesh.nic.in/. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.</p>	<p>Advertisement in two numbers of News paper (Amar Ujala (Hindi), Times of India (English)) on dated 30th and 31st Dec.2020 respectively.</p>
(XV)	<p>The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.</p>	<p>Complied with.</p>

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(XVI)	This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.	It is strictly adhered to.
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Signature and Seal



GROUND WATER DEPARTMENT

(Namami Gange & Rural Water Supply Department)

Ministry of Jal Shakti

Government of Uttar Pradesh

Form 8 (C)

[See Rule 8(1)]

AUTHORIZATION/ NO-OBJECTION CERTIFICATE FOR SINKING OF NEW WELL FOR INDUSTRIAL/ COMMERCIAL/ INFRASTRUCTURAL OR BULK USER OF GROUND WATER

[Under Section 14 of the Uttar Pradesh Ground Water Management and Regulation Act, 2019.]

AUTHORIZATION/ NO-OBJECTION CERTIFICATE NO: NOC015849

VALID UP TO : 11/07/2026

{UIS10(1) of the Uttar Pradesh Ground Water Management and Regulation Act, 2019}

Registration No.: 202105000094			
Name of the Owner	AGHA ASIF BEIG		
Designation पद	Assistant Executive Director	Company Name कंपनी का नाम	Dalmia Bharat Sugar and Industries Limited
Company Address कंपनी का पता	Distillery Division Unit Ramgarh Sitapur	Authorization Letter प्राधिकार पत्र	Download
Address of the Applicant	Dalmia Bharat Sugar And Industries Limited, Sugar Unit Ramgarh	Application Form Serial No.	STPR0521NIN0013
Date of Submission	07/05/2021	Specimen Signature	
Location Particulars			
District	Sitapur	Block	GODLAMU
Plot No./Khasra No.	N/A	Municipality/Corporation	N/A
Ward No./Holding No.			N/A
Particular of the Proposed Well and Pumping Device			
Date of Construction/Sinking of the Well	22/07/2021		
Type of Well	Tube Well/Boring	Depth of the Well (In meter)	60.00
Purpose of well	Industrial	Assembly Size(For Tube Well)	
Strainer Position (For Tube Well)			
Type of Pump Used	Submersible	H.P. of the Pump	10.00
Operational Device	Electric Motor	Rate of Withdrawal (m³/hr.)	84.00
Date of Energization (In Case of Electric Pump)	20/08/2021		

Maximum Allowable Rate of Withdrawal (m3/hr.):	84.00	Maximum Allowable Running Hours Per Day:	12.00
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Maximum Allowable Annual Extraction of Ground Water:	367920
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This No-Objection certificate authorizes the owner applicant (user) to sink a well in the location specified at Sl. (2) for extraction of ground water at a rate not exceeding that as shown at Sl. (3j), for Running Hours I day as shown at Sl. (3k), and for maximum allowable annual extraction of ground water as shown at Sl. (3k) and is valid subject to the observance of the conditions stated overleaf.

GENERAL CONDITIONS:

- In case of any change of ownership of the proposed well, fresh authorization has to be obtained.
- No change of location, design, rate of withdrawal and pumping device in respect of the proposed well as indicated at SL (2) and (3) of this certificate shall be made without prior permission of the Competent Authority. Any deviation in this regard shall lead to cancellation of this authorization
- For the purpose of measuring and recording the quantity of ground water extracted, every said user shall affix digital water flow meters (conforming to BIS/ IS standards) having telemetry system in the abstraction structure, which record rate and quantum of extraction, at outlet of pumping devices and it shall be presumed that the quantity recorded by the meter has been extracted by the said user, until the contrary is proved. The rate of extraction of ground water from the well as shown in item 3(k) shall not exceed to the recorded rate from water meters
- The concerned Authority reserves the right to stop extraction of ground water from the well due to quality hazards or any other reasons, if the situation so demands
- In case of any change of ownership of the existing well, fresh registration has to be obtained.
- No change of location, design, rate of withdrawal and pumping device in respect of the existing well as indicated at Sl. (2) and (3) of this certificate shall be made without prior permission of the Competent Authority. Any deviation in this regard shall lead to cancellation of this registration
- In case, any of the particulars I information furnished by the applicant in his application for issuance of this registration is found to be incorrect during verification at any subsequent stage , this registration is liable for cancellation.
- The Certificate of Authorization/ NOC shall be valid for a period of five years from the date of issue. The applicant shall have to apply for renewal through a fresh application, at least ninety days prior to expiry of its validity.
- Construction of piezometers and installation of digital water level recorders with telemetry shall be mandatory for user. Depth and zone tapped of piezometer should be commensurate with that of the pumping well. The data, obtained from digital water level recorders shall be made available to this office on monthly basis
- **Guidelines for Installation of Piezometers and their Monitoring**

Piezometer is a borewell /tubewell used only for measuring the water level by lowering the tape/ sounder or automatic water level measuring equipment. It is also used to take water sample for water quality testing when ever needed. General guidelines for installation of piezometers are as follows:

- The piezometer is to be installed/constructed at the minimum of 50 m distance from the pumping well through which ground water is being withdrawn. The diameter of the piezometer should be about 4" to 6".
- The depth of the piezometer should be same as is case of the pumping well from which ground water is being abstracted. If, more than one piezometers are installed the second piezometer should monitor the shallow ground water regime. It will facilitate shallow as well as deeper ground water aquifer monitoring.
- No. of piezometers to be constructed & Type of water level monitoring mechanism shall be as per below table:

S.No	Quantum of Ground water withdrawal (cum/day)	No.of piezometers required	Monitiring Mechanism	
			Manual	DWLR with Telemetry
1	< 10	0	0	0
2	11 - 50	1	1	0
3	50- 500	1	0	1
4	> 500	2	0	2

- The measuring frequency should be monthly and accuracy of measurement should be up to cm. the reported measurement should be given in meter upto two decimal.
- For measurement of water level sounder or automatic water level recorder (AWLR)/ Digital Automatic water level recorder (DWLR) with telemetry system should be used for accuracy.
- The measurement of water level in piezometer should be taken, only after the pumping from the surrounding tube wells has been stopped for about four to six hours.
- All the details regarding coordinates, reduced level (with respect to mean level), depth, zone taped and assembly lowered should be provided for bringing the piezometer into the Hydrograph Monitoring System for Ground Water Department, Uttar Pradesh, and for its validation.
- The ground water quality has to be monitored twice in a year during pre-monsoon (May/June) and post-monsoon (October/November) periods. Quality may be got analyzed from NABL approved lab. Besides, one sample (1 lt capacity bottle) to the concerned Director,

Ground Water Department, Uttar Pradesh, for chemical analysis.

- A Permanent display board should be installed at piezometer/Tube wells site for providing the location, piezometer/ tube well number, depth and zone tapped of piezometer/tube well for standard referencing and identification.
- Any other site specific requirement regarding safety and access for measurement may be taken care off.
- Any other condition(s) that may be imposed by the concerned Authority.
- In case, any of the particulars I information furnished by the applicant in his application for issuance of this permit is found to be incorrect during verification at any subsequent stage, this permit is liable for cancellation.
- Any other condition imposed by the concerned Authority.
- In case, any of the particulars I information furnished by the applicant in his application for issuance of this permit is found to be incorrect during verification at any subsequent stage, this permit is liable for cancellation.
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- **SPECIFIC CONDITIONS:**
- **(A) For Industrial User:** No Objection Certificate for ground water extraction by industries shall be granted subject to the following specific conditions:
 - i) No Objection Certificate shall be granted only in such cases where local government water supply agencies are not able to supply the desired quantity of water.
 - ii) All industries shall be required to adopt latest water efficient technologies so as to reduce dependence on ground water resources.
 - iii) All industries abstracting ground water in excess of 100 m³/d shall be required to undertake annual water audit through Confederation of Indian Industries (CII)/ Federation Indian Chamber of Commerce and Industry (FICCI)/ National Productivity Council (NPC) certified auditors and submit audit reports within three months of completion of the same to CGWA. All such industries shall be required to reduce their ground water use by at least 20% over the next three years through appropriate means.
 - iv) Construction of observation well(s) (piezometer)(s) within the premises and installation of appropriate water level monitoring mechanism as mentioned in General Condition no.10 shall be mandatory for industries drawing/ proposing to draw more than 10 m³ /day of ground water and. Monitoring of water level shall be done by the project proponent. The piezometer (observation well) shall be constructed at a minimum distance of 15 m from the bore well/production well. Depth and aquifer zone tapped in the piezometer shall be the same as that of the pumping well/ wells. Monthly water level data shall be submitted online to the Ground Water Department, UP.
 - v) The proponent shall be required to adopt roof top rain water harvesting/ recharge in the project premises. Industries which are likely to pollute ground water (chemical, pharmaceutical, dyes, pigments, paints, textiles, tannery, pesticides/ insecticides, fertilizers, slaughter house, explosives etc.) shall store the harvested rain water in surface storage tanks for use in the industry.
 - vi) Injection of treated/ untreated waste water into aquifer system is strictly prohibited.
 - vii) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical/ Petrochemical, Coal washeries, other hazardous units etc. (as per CPCB list) need to undertake necessary well head protection measures to ensure prevention of ground water pollution.
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- **(B) Infrastructural User:** The No Objection Certificate for ground water abstraction will be granted subject to the following specific conditions:
 - i) In case of infrastructure projects that require dewatering, proponent shall be required to carry out regular monitoring of dewatering discharge rate (using a digital water flow meter) and submit the data online to Ground Water Department, UP as applicable. Monitoring records and results should be retained by the proponent for two years, for inspection or reporting as required by District Ground Water Management Council.
 - ii) Installation of Sewage Treatment Plants (STP) shall be mandatory for new projects, where ground water requirement is more than 20 m³ /day. The water from STP shall be utilized for toilet flushing, car washing, gardening etc

This certificate is electronically generated and does not require digital signature

The Secretary,
Ministry of Environment, Forest and Climate Change,
Indira Paryavaran Bhawan,
Jor Bagh Road,
New Delhi-110 003.

Sub.: Conditions in ECs to instal CO2 plant to capture / trap / store CO2 generated during fermentation process or bottle / make solid ice and utilise / sell to authorised vendors.

Sir,

This has reference to our letter No. 45 dated 28th July, 2021, on the above subject, (copy attached for ready reference), wherein we had indicated the condition, which is being prescribed by the EAC / MoEFCC, as well as a few State Governments, while granting the Environmental Clearances (EC) to the ethanol projects, to capture / trap or bottle / convert the carbon dioxide into dry ice. It was requested to get this condition removed for the reasons stated in the letter under reference.

2. The matter was referred by the Ministry to the Expert Appraisal Committee (EAC) (Industry-2 Sector Projects) for their consideration and recommendations thereon.
3. The matter was considered by the said EAC in its 43rd meeting held on 8th and 9th November, 2021, as Agenda Item No. 43.16.2. Minutes of the aforesaid meeting as available on the Website of MOEFCC are reproduced below:

“After detailed deliberations, EAC has decided that making dry ice is not a compulsion that is being imposed on distilleries. Installation of CO2 bottling plant is an effective and economically viable technique wherein captured CO2 can have wide range of applications such as Carbonic acid and in beverages. Further, it wouldn't be good step to remove the condition altogether when Govt. of India is thriving towards decarbonizing the economy and to reduce the carbon foot print.”

The above decision is recorded at Page No. 47-48 of the minutes available on the website. The decision of the EAC clearly indicates that making ice is not a compulsion. Yet, it is being put as a condition in the EC to be fulfilled by the project proponents, including also that they have to instal CO2 plant to capture / trap / store CO2 generated during fermentation process or bottle / make solid ice and utilise / sell to authorised vendors.

4. In view of the above decision of the EAC, that this is not compulsory, the said condition should not appear any more as a condition in the EC. We seek your kind clarification and advice in the matter so that this condition is removed from all ECs issued in the past and to be issued henceforth. Otherwise, we will have surplus dry ice or trapped / bottled CO2 which will be a waste because there will not be / is not enough demand for the same within the country, because of which the distilleries will either have to shut their ethanol plants or dispose off the CO2 or dry ice in land or water.
5. We hope and trust that our above request would be considered on priority and necessary clarification shall be issued at the earliest.

Thanking you.

Yours faithfully



(Abinash Verma)
Director General

Encl.: As above.



ISMA/45/2021

July 28, 2021

**To
Secretary
Ministry of Environment,
Forests & Climate Change
Indira Paryavaran Bhawan,
Jor Bagh Road,
New Delhi-110003.**

Subject: Condition in EC to convert carbon dioxide into dry ice in ethanol distilleries.

Sir,

You would be fully aware of the importance given by the Government, including by the Hon'ble Prime Minister himself, on the ethanol blending with petrol programme in the country. Several incentives, financial assistance as well as relaxations of various regulations have been made in the recent past. Thanks to the huge encouragement and policy initiatives, there is a massive interest of investors in setting up distilleries to produce ethanol across the country.

2. Ministry of Environment, Forests & Climate Change, Government of India has also taken several policy decisions in the last couple of years, to relax various regulations and make the procedures simpler, so that we could augment ethanol production capacities in the country. We are already seeing the results of such initiatives taken by MoEFCC, which is resulting in reduction in the time taken in granting ECs, and therefore reducing the time in setting up of new/ expanded ethanol production capacities. The most recent step taken by the Government is the exemption given to grain-based

distilleries from EIA and public hearing, as well as to expansion cases of molasses / sugar-based distilleries. On behalf of ISMA and the ethanol distilleries, we are very grateful for the same.

3. We wish to bring to your kind attention the condition, which is being prescribed by the EAC / MoEFCC, as well as a few State Governments, while granting the Environmental Clearances (EC), that these distilleries should capture and convert the carbon dioxide into dry ice or any useful product.

4. Sir, you would appreciate that the only product that can be made from carbon dioxide currently is dry ice, and also that there is not much demand for the same, to justify even a small part of the current distilleries or the new ones which are established, to convert the carbon dioxide into dry ice and successfully find a market for the same.

5. We are now embarking on a very aggressive target of achieving 20% ethanol blending by 2025, as advanced by the Hon'ble Prime Minister on 5th June 2021 from 2030. It would mean an increase by more than 100% of the current distillation capacity in the country, to be able to supply the required over 1000 crore litres of ethanol by 2025.

6. We believe that capturing the carbon dioxide and converting it into dry ice is a very good objective. But the market for the dry ice is extremely limited and we should first assess the same to see whether there will be enough demand, if all the distilleries, being set up, capture the carbon dioxide and produce dry ice. We feel that the condition to compulsorily capture the carbon dioxide and convert that into dry ice will not only increase the capital cost of such distillery, but may become a huge burden for all of us when we do not find a market for the dry ice so produced.

7. Therefore, Sir, our earnest request to you is to kindly remove the condition in EC, of compulsorily capturing the carbon dioxide and converting it into dry ice. Such a condition may kindly be deliberated after a review is carried out by the Government, to confirm that there is adequate demand for such dry ice you for all the carbon dioxide that could be produced from the new distilleries or from the expansion of the current distilleries. We would be highly grateful for an immediate advise in the matter because some projects are not able to proceed further because of this condition.

Thanking you,

Yours faithfully,



Abinash Verma
Director General

CC: Secretary (Food)
Department of Food and PD,
Ministry of CA, Food and PD,
Krishi Bhavan,
New Delhi.

CC: Joint Secretary (Sugar)
Department of Food and PD,
Ministry of CA, Food and PD,
Krishi Bhavan,
New Delhi.

Ref.: MO/

Dated: 27.03.2024

TO WHOMSOEVER IT MAY CONCERN

I HAVE EXAMINED 57 PERSONS OF OUR DISTILLERY UNIT AS PER LIST ENCLOSED AND FOUND THEM THAT THEY ARE NOT SUFFERING ANY COMMUNICABLE DISEASE AND FIT TO DO THEIR RESPECTIVE JOBS AND I HAVE FIXED MY STAMP ON THE LIST IN TOKEN OF MY CERTIFICATION OF THEIR FITNESS.



(Dr. Nitish Mishra)
Medical Officer Incharge
Medical Officer
Occupational Health Centre
Dalmia Bharat Sugar And Industries Ltd.
Unit Ramgarh
Reg.No-87

Dalmia Bharat Sugar & Industries Ltd. Unit- RAMGARH ,Distt- Sitapur (UP)

MEDICAL EXAMINATION- DISTILLERY - (OCT-2023 to MARCH-2024)

Sr. No.	Name	Father's Name	Designation	Vision	Hearing	Mouth & Throat	Lungs	Heart	Blood Pressure	Hydrocele	Hernia	Phy. Deformities	Accident / Old Injuries	Infectious Disease	Contagious Disease
1	Brij Mohan Lal	Late Madan Mohan Lal	Assistant General Manager	W.G. NORM	NORMAL	N.A.D.	NORMAL	NORMAL	120/84	NILL	NILL	NONE	NONE	NONE	NONE
2	Sudheer Kumar Sisodia	Chhetrapal Singh	Manager Production	W.G. NORM	NORMAL	N.A.D.	NORMAL	NORMAL	134/86	NILL	NILL	NONE	NONE	NONE	NONE
3	Shashank Vishnoi	mahipal Singh	Manager Mech	W.G. NORM	NORMAL	N.A.D.	NORMAL	NORMAL	120/70	NILL	NILL	NONE	NONE	NONE	NONE
4	Adarsh Shukla	Daya Shankar Shukla	Executive	NORMAL	NORMAL	N.A.D.	NORMAL	NORMAL	116/80	NILL	NILL	NONE	NONE	NONE	NONE
5	Hoshiyar Singh	Vijay Singh Yadav	Senior Executive	W.G. NORM	NORMAL	N.A.D.	NORMAL	NORMAL	124/86	NILL	NILL	NONE	NONE	NONE	NONE
6	Durgesh Yadav	Dharamraj Yadav	BX_Graduate Engineer Trainee	NORMAL	NORMAL	N.A.D.	NORMAL	NORMAL	110/72	NILL	NILL	NONE	NONE	NONE	NONE
7	Sunil Kumar	Late Bansil Lal	Executive	NORMAL	NORMAL	N.A.D.	NORMAL	NORMAL	132/80	NILL	NILL	NONE	NONE	NONE	NONE
8	Kamlesh Kumar Dubey	Rajnarayan Dubey	Deputy Manager	NORMAL	NORMAL	N.A.D.	NORMAL	NORMAL	140/92	NILL	NILL	NONE	NONE	NONE	NONE
9	Kuldeep Kashyap	Laxman Kashyap	Warehouse Clerk	NORMAL	NORMAL	N.A.D.	NORMAL	NORMAL	116/70	NILL	NILL	NONE	NONE	NONE	NONE
10	Ravish Kumar Gupta	Mohal Lal	Assistant Manager	NORMAL	NORMAL	N.A.D.	NORMAL	NORMAL	116/80	NILL	NILL	NONE	NONE	NONE	NONE
11	DHAREMENDRA	SATAYAPAL SINGH	INSTRUMENT TECHNICIAN	NORMAL	NORMAL	N.A.D.	NORMAL	NORMAL	126/80	NILL	NILL	NONE	NONE	NONE	NONE
12	VINAY KUMAR GUPTA	DINA NATH GUPTA	ELECTRICIAN	NORMAL	NORMAL	N.A.D.	NORMAL	NORMAL	132/82	NO	NILL	NONE	NONE	NONE	NONE
13	PRADDEEP KUMAR	RAM SAMUJH	Chemist CPU	NORMAL	NORMAL	N.A.D.	NORMAL	NORMAL	110/70	NO	NILL	NONE	NONE	NONE	NONE
14	NIMIT KUMAR	MAHESH KUMAR	EVAPORATOR OPERATOR	NORMAL	NORMAL	N.A.D.	NORMAL	NORMAL	118/82	NO	NILL	NONE	NONE	NONE	NONE
15	PRADDEEP KUMAR SINGH	RAM KUMAR SINGH	Distillation Operator	W.G. NORM	NORMAL	NORMAL	NORMAL	NORMAL	120/70	NO	NILL	NONE	NONE	NONE	NONE
16	MANI KANT KUMAR	YAMUNA PRASAD	Fitter	W.G. NORM	NORMAL	NORMAL	NORMAL	NORMAL	114/84	NO	NO	NONE	NONE	NONE	NONE
17	SANJAY KUMAR SRIVASTAVA	GANESH LAL SRIVASTAVA	Distillation Operator	W.G. NORM	NORMAL	NORMAL	NORMAL	NORMAL	142/92	NO	NO	NONE	NONE	NONE	NONE
18	CHANDRA PRAKASH	CHHEDA LAL	TURBINE OPERATOR	W.G. NORM	NORMAL	NORMAL	NORMAL	NORMAL	114/80	NO	NO	NONE	NONE	NONE	NONE
19	DHARMENDRA PRATAP SINGH	AMBIKA SINGH	BOILER OPERATOR	W.G. NORM	NORMAL	TOBACCO	NORMAL	NORMAL	110/76	NO	NO	NONE	NONE	NONE	NONE
20	SHIV BAHADUR SINGH	SUK RAI SINGH	Senior Fitter	NORMAL	NORMAL	N.A.D.	NORMAL	NORMAL	116/76	NO	NO	NONE	NONE	NONE	NONE
21	VIKKEE	AAZAD SINGH	Distillation Operator	NORMAL	NORMAL	N.A.D.	NORMAL	NORMAL	116/80	NO	NO	NONE	NONE	NONE	NONE
22	MAN SINGH	RAWESH CHANDRA	Electrician	NORMAL	NORMAL	N.A.D.	NORMAL	NORMAL	132/76	NO	NO	NONE	NONE	NONE	NONE
23	MADHU SUDAN	CHANDRA BHAN SINGH	Electrician	NORMAL	NORMAL	N.A.D.	NORMAL	NORMAL	122/72	NO	NO	NONE	NONE	NONE	NONE
24	DEEVA NATH SAINI	LALLOO SAINI	BOILER OPERATOR	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	136/86	NO	NO	NONE	NONE	NONE	NONE
25	SANTOSH SINGH	LOKENDRA SINGH	Fer. OPERATOR	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	138/90	NO	NILL	NONE	NONE	NONE	NONE
26	VINAY SINGH	DIGVIJAY SINGH	TURBINE OPERATOR	NORMAL	NORMAL	TOBACCO	NORMAL	NORMAL	134/84	NO	NILL	NONE	NONE	NONE	NONE
27	MANOHAR VISHWAKARMA	RAMAYAN	Fer. OPERATOR	NORMAL	NORMAL	N.A.D.	NORMAL	NORMAL	132/80	NO	NILL	NONE	NONE	NONE	NONE
28	PANKAJ SINGH	JEET BAHADUR SINGH	MEE OPERATOR	NORMAL	NORMAL	N.A.D.	NORMAL	NORMAL	110/82	NO	NILL	NONE	NONE	NONE	NONE
29	ASHISH VERMA	RAM PRATAP VERMA	MEE OPERATOR	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	118/82	NO	NILL	NONE	NONE	NONE	NONE
30	DHAREMENDRA KUMAR SINGH	JAGARNATH SINGH	YEAST MAN	NORMAL	NORMAL	N.A.D.	NORMAL	NORMAL	110/82	NO	NO	NONE	NONE	NONE	NONE

(Signature)

31	CHANDAN KUMAR	BADARI PATEL	YEAST MAN	W.G. NORM	NORMAL	TOBACCO	NORMAL	NORMAL	128/88	NO	NO	NONE	NONE	NONE	NONE
32	RAVESH KUMAR YADAV	PAM NAVAL YADAV	FITTER	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	110/86	NO	NO	NONE	NONE	NONE	NONE
33	MITISH SACHAN	ADITYA KUMAR SACHAN	Chemist/Dpt. CPU	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	128/84	NO	NO	NONE	NONE	NONE	NONE
34	AYASH	SUBHASH CHANDRA	OPERATOR	NORMAL	NORMAL	N.A.D.	NORMAL	NORMAL	110/72	NO	NO	NONE	NONE	NONE	NONE
35	AYHILESH KUMAR	PAM SAHABE	YEAST MAN	NORMAL	NORMAL	N.A.D.	NORMAL	NORMAL	114/70	NO	NO	NONE	NONE	NONE	NONE
36	LALIAN PRASAD YADAV	PAM JATAN YADAV	OPERATOR	W.G. NORM	NORMAL	TOBACCO	NORMAL	NORMAL	132/80	NO	MILL	NONE	NONE	NONE	NONE
37	VIJAY CHAURASIA	SHESH BAHADUR	Fer OPERATOR	NORMAL	NORMAL	N.A.D.	NORMAL	NORMAL	172/74	NO	MILL	NONE	NONE	NONE	NONE
38	ASHISH KUMAR	RANJEET SINGH	OPERATOR CPU	NORMAL	NORMAL	N.A.D.	NORMAL	NORMAL	122/80	NO	MILL	NONE	NONE	NONE	NONE
39	VISHVAS KUMAR	GYANENDRA KUMAR	OPERATOR CPU	NORMAL	NORMAL	N.A.D.	NORMAL	NORMAL	176/80	NO	MILL	NONE	NONE	NONE	NONE
40	BABLU YADAV	PAM ASHISH YADAV	OPERATOR	W.G. NORM	NORMAL	N.A.D.	NORMAL	NORMAL	118/80	NO	MILL	NONE	NONE	NONE	NONE
41	PRASHANT RAI	RAVI PRAKASH RAI	OPERATOR	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	118/80	NO	MILL	NONE	NONE	NONE	NONE
42	GYAN PRAKASH SRIVASTAV	AYHILESH SRIVASTAV	Lab Chemist	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	136/82	NO	MILL	NONE	NONE	NONE	NONE
43	SIPAI AHAMID	MOHD IDRISH	BOILER OPERATOR	W.G. NORM	NORMAL	TOBACCO	NORMAL	NORMAL	121/80	NO	MILL	NONE	NONE	NONE	NONE
44	ARVIND KUMAR	SANTOSH KUMAR	Decanter Operator	NORMAL	NORMAL	N.A.D.	NORMAL	NORMAL	128/80	NO	MILL	NONE	NONE	NONE	NONE
45	SHANAWAG BEIG	MUJHTAB BEIG	Plant Helper	NORMAL	NORMAL	N.A.D.	NORMAL	NORMAL	116/70	NO	MILL	NONE	NONE	NONE	NONE
46	PUNEET SHARMA	SUSHIL SHARMA	Pump Opt	NORMAL	NORMAL	N.A.D.	NORMAL	NORMAL	128/80	NO	MILL	NONE	NONE	NONE	NONE
47	Gaurav Pandey	Rakesh Pandey	Fitter	NORMAL	NORMAL	N.A.D.	NORMAL	NORMAL	128/80	NO	MILL	NONE	NONE	NONE	NONE
48	JITENDRA KUMAR SINGH	CHANDRMA SINGH	Pump Opt	NORMAL	NORMAL	N.A.D.	NORMAL	NORMAL	134/84	NO	MILL	NONE	NONE	NONE	NONE
49	SHAILESH KUMAR YADAV	SUBHASH YADAV	DCS ENGINEER	NORMAL	NORMAL	N.A.D.	NORMAL	NORMAL	126/82	NO	MILL	NONE	NONE	NONE	NONE
50	MOHD ASHIK	MUSTAFA HUSAIN	OPERATOR	NORMAL	NORMAL	N.A.D.	NORMAL	NORMAL	120/80	NO	MILL	NONE	NONE	NONE	NONE
51	AYUSH JAISHWAL	RAJESH KUMAR JAISHWAL	DCS ENGINEER	NORMAL	NORMAL	N.A.D.	NORMAL	NORMAL	132/88	NO	MILL	NONE	NONE	NONE	NONE
52	SUNIL KUMAR	GAIJENDER SINGH	FIREMAN	NORMAL	NORMAL	N.A.D.	NORMAL	NORMAL	122/88	NO	MILL	NONE	NONE	NONE	NONE
53	RAGHVANDERA SINGH	PRADEEP KUMAR SINGH	BOILER OPERATOR	NORMAL	NORMAL	N.A.D.	NORMAL	NORMAL	132/80	NO	MILL	NONE	NONE	NONE	NONE
54	VIJAY YADAV	RAMSURAT YADAV	TURBINE OPERATOR	NORMAL	NORMAL	N.A.D.	NORMAL	NORMAL	115/83	NO	MILL	NONE	NONE	NONE	NONE
55	Piyush Gupta	Prem Chand Gupta	Asst. Manager (Boiler)	NORMAL	NORMAL	N.A.D.	NORMAL	NORMAL	110/81	NO	MILL	NONE	NONE	NONE	NONE
56	SHASHANK TIWARI	SANJAY KUMAR TIWARI	CPU CHEMIST	NORMAL	NORMAL	N.A.D.	NORMAL	NORMAL	116/84	NO	MILL	NONE	NONE	NONE	NONE
57	Sunny Kanchan	Ravindra Kumar	Shift Engineer	NORMAL	NORMAL	N.A.D.	NORMAL	NORMAL	118/80	NO	MILL	NONE	NONE	NONE	NONE


 Deputy Chief Officer
 Control Room, Bhabha Atomic Power Station
 Bhabha Atomic Power Station
 Trombay, Mumbai - 400 085
 Reg. No. 52/74

Training Attendance Sheet

Topic:- Use of Chemical Spill kit

Date:- 22-03-2024

Time:- 5:00 PM to 6:00 PM

Unit:- Distillery

Department:- Production

S.No	Name of Member	Designation	Signature
1	Sunil Kumar	Shift Incharge	[Signature]
2	Santosh Kumar	Cont ⁿ operator	[Signature]
3	Akhilya Kumar	" "	[Signature]
4	Vicky	Dist ⁿ operator	[Signature]
5	Ashish	M&E operator	[Signature]
6	Akresh	Dist ⁿ Helper	[Signature]
7	Rajan	M&E Helper	[Signature]
8	Shashank	Chemist	[Signature]
9	Rawan Kumar	CPU Helper	[Signature]
10	Rajansingh	Plant Helper	[Signature]
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Signature of Faculty:



Topic:- Fire Fighting Training

Date:- 10-03-2024

Time:- 5-00 PM

Unit:- Distillery

Department:- All Dept.

S.No	Name of Member	Designation	Signature
1	Brij Mohan Lal	DCM Distillery	Brij
2	Ranish Gupta	Asst. Mgr	Ranish
3	Vivek Shukla	Plant Helper	Vivek
4	SHAM		
5	Dharmendra Singh	Inst Tech	Dharmendra
6	Deepak Kumar	Inst. Tech.	Deepak
7	Ram Swarup	Inst ..	Ram
8	Furqan Ahmad	Dy Mgr Inst	Furqan
9	Pradeep Kumar	Cell Chemist	Pradeep
10	Ashish Kumar	CPU OPT	Ashish Kumar
11	Hankant Kumar	Father	Hankant
12	Sunit Kumar	Shift In-charge	Sunit
13	Sandesh Singh	Exec O.P.T	Sandesh
14	Vikram	Plant Opt	Vikram
15	Ashish Verma	MCC Opt	Ashish
16	Rajan Singh	Plant helper	Rajan
17	Gyanprakash Sivan	LAB Chemist	Gyanprakash
18	Bibin Kumar	Filler (P.P)	Bibin
19	ASAT SINGH	Filler (P.P)	ASAT SINGH
20	Dharmendra Singh	Yeast Man	Dharmendra
21	Shashank Vishnoi	Asst Mgr (Mech)	Shashank
22	Dinesh Singh	PMP Helper	Dinesh
23	Lallan Yadav	Aux O.P. Baran	Lallan
24	Vijay Singh	Inst - Tech.	Vijay
25	Hoshiyar Singh	Asst Mgr	Hoshiyar

Signature of Faculty:



DALMIA BHARAT SUGAR & INDUSTRIES LIMITED, UNIT- RAMGARH

Training Attendance Sheet

Topic:- Fire fighting Training

Venue:- Distillery Gate

Date:- 10-03-2024

Time:- 5:00 PM

S.No	Name of Member	Designation	Signature
1	Ajeet Singh	Security Officer	
2	Rohit Kumar	Security Officer	
3	Jitendra Kumar	S/O	
4	Videsh Kumar Singh	G.M.	
5	Rishi Kumar	S.G	
6	3409 R/S	S.G	
7	Aman Mishra	S/O	
8	Pravinendra Singh	S/O	
9	Ravi Kishor Singh	S/O	
10	Prashant Shukla	S/O	
11	Murugan Singh	S/O	
12	Amar Nath Mishra	S/O	
13	Manoj Kumar	G/M	
14	3409 R/S	S/O	
15	Vijay Kumar	S/Sup	
16	3409 R/S	G/M	
17	Sham Singh	S/O	
18	3409 R/S		
19	Ashwaniboj	S.G	
20	3409 R/S	G/M	
21	3409 R/S	S/O	
22	Eachinob u.k.v	F.M	
23	Prashant Shukla	Invitation	
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Signature of Faculty:



DALMIA BHARAT SUGAR & INDUSTRIES LIMITED, UNIT- RAMGARH
Training Attendance Sheet

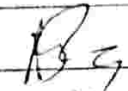
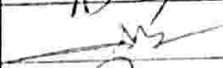
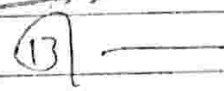
Topic:- Fire Fighting training

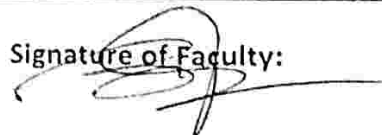
Date:- 10.03.2024

Time:- 5.00 PM

Unit:- Distilling

Department:- All Dept.

S.No	Name of Member	Designation	Signature
1	MAN SINGH	ELER	
2	R. K. SACHAN	NGM (P)	
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Signature of Faculty: 



Topic:- Awareness Training on PPEs

Date:- 23.02.2024

Time:- 5:30 PM

Unit:- DBSIL, Ramgarh

Department:- Distillery

S.No	Name of Member	Designation	Signature
1	Hoshiyar Singh	Assist Mgr (Microbiology)	
2	Pradeep Singh	Plant Operator	
3	Pankaj Singh	MEE Operator	
4	Pradeep Yadav	Chemist CPU	
5	Chandan Patel	Fermentation Operator	
6	Jitendra Singh	Pump man	
7	Devraj Pandey	Assist. Plant operator	
8	Rajan Singh	Assist. Plant operator	
9	Dhirendra Singh	Pump man	
10	Bhaskar Kumar	Aut. CPU opt.	
11	Ashwini Kumar	FC	
12	Devraj Pandey	MEE Helper	
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Signature of Faculty:



Topic:-

Chemical Safety

Date:-

18/2/24

Unit:-

Ramgarh Distillery

Venue:-

Loadig Point

Time:-

09:20 Am

Department:-

Distilling

S.No	Name of Member	Designation	Signature
1	21/10/19	Driver	21/10/19
2	21/10/19	Driver	21/10/19
3	21/10/19	Driver	21/10/19
4	21/10/19	Driver	21/10/19
5	Arvind Tripathi	loadig opt	Arvind
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Signature of Faculty:



DALMIA BHARAT SUGAR & INDUSTRIES LIMITED, UNIT- RAMGARH
Training Attendance Sheet

Topic:- Training on Emergency Preparedness

Date:- 07-02-2024

Time:- 5:30 PM to 6:30 PM

Unit:- Distillery

Department:- Distillery

S.No	Name of Member	Designation	Signature
1	Adarsh Shukla	Shift Incharge	<i>[Signature]</i>
2	Pradeep KV Singh	Plant opt	<i>[Signature]</i>
3	Chandray Kumar	Fev. opt.	<i>[Signature]</i>
4	Dheerendra Singh	Pump man	<i>[Signature]</i>
5	Nimit Kumar	Evaporation opt	<i>[Signature]</i>
6	Pran Kumar	Lab boy	<i>[Signature]</i>
7	Shivbhadra Singh	Sr. Fitter	<i>[Signature]</i>
8	Litendra Singh	PUMP Man	<i>[Signature]</i>
9	Shobhit Kumar Awasthi	Labour	Shobhit Kumar
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Signature of Faculty:

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DALMIA BHARAT SUGAR & INDUSTRIES LIMITED, UNIT- RAMGARH
Training Attendance Sheet

Topic:- Donut mix
Date:- 17/02/24
Unit:- Ramgarh

Venue:- loading point
Time:- 10:00 AM
Department:- Distillery

S.No	Name of Member	Designation	Signature
1	Arvind Kumar	loading opt	[Signature]
2	Kamal Shukla	Helper	[Signature]
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Signature of Faculty:

DALMIA BHARAT SUGAR & INDUSTRIES LIMITED, UNIT- RAMGARH
Training Attendance Sheet

Topic:- *Training on Chemical Safety*

Date:- *12-01-2024*

Time:- *4.30 PM to 5.30 PM*

Unit:- *Distillery*

Department:- *Distillery*

S.No	Name of Member	Designation	Signature
1	<i>Hashiyar singh</i>	<i>Assist. mgr(microbiologist)</i>	<i>[Signature]</i>
2	<i>Pradeep Kumar Singh</i>	<i>Plant operator</i>	<i>[Signature]</i>
3	<i>Nimit Kumar</i>	<i>Evaporation operator</i>	<i>[Signature]</i>
4	<i>Devesh Pandey</i>	<i>Decanter opti.</i>	<i>[Signature]</i>
5	<i>Praveen Singh</i>	<i>mill & exp. mtr.</i>	<i>[Signature]</i>
6	<i>Aakash Singh</i>	<i>Plant Helper</i>	<i>[Signature]</i>
7	<i>Kaushal Pal</i>	<i>Plant Training</i>	<i>[Signature]</i>
8	<i>Chandras Kumar</i>	<i>fer. opt.</i>	<i>[Signature]</i>
9	<i>Brij Kumar</i>	<i>Lab boy</i>	<i>[Signature]</i>
10	<i>[Signature]</i>	<i>Helper</i>	<i>[Signature]</i>
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Signature of Faculty:

Training Attendance Sheet

Topic:- Training on Safety during work in Confined Space

Date:- 05-01-2024

Time:- 4.30pm - 5.30pm

Unit:- Distillery

Department:- Distillery

S.No	Name of Member	Designation	Signature
1	Sanjay Srivastava	Plant Operator	[Signature]
2	Hoshiyar Singh	Assist. Mgr.	[Signature]
3	Pankaj Singh	MEE Operator	[Signature]
4	Dharmendra Singh	Yeast man	[Signature]
5	Manohar Vishwakarma	Fem. optr.	[Signature]
6	Gyanprakash Srivastava	LAB Chemist	[Signature]
7	Derraj Pandey	Plant Helper	[Signature]
8	Akash Singh	Plant Helper	[Signature]
9	Nidish Sachan	C.P.U Chemist	[Signature]
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Signature of Faculty: [Signature]



DALMIA BHARAT SUGAR & INDUSTRIES LIMITED, UNIT- RAMGARH
Training Attendance Sheet

Topic:- Awareness training on safety by Housekeeping 2. How to MMS Inside
 Date:- 29-12-2023
 Time:- 5.00 PM to 6.00 PM
 Unit:- Distilling
 Department:- Distilling

S.No	Name of Member	Designation	Signature
1	Hoshiyar Singh	Shift Mgr.	[Signature]
2	Durgesh Yadav	Shift Chemist	[Signature]
3	Ashish Verma	MEE Operator	[Signature]
4	Vickey Yadav	Distillation opr.	[Signature]
5	Sahil Singh	Fermentation opr.	[Signature]
6	Aakash Singh	Helper Plant	Aakash Singh
7	Akhil	Fermentation opr.	[Signature]
8	Gaurav Pandey	Fitter	[Signature]
9	Shalwanaj Beig	Pumpman	[Signature]
10	Deepak Singh	Pump Man	[Signature]
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Signature of Faculty: _____



DALMIA BHARAT SUGAR & INDUSTRIES LIMITED, UNIT- RAMGARH
Training Attendance Sheet

Topic:- Awareness on fire safety

Date:- 22/12/23

Time:- 4-30pm to 5-30pm

Unit:- Distillery

Department:- Distillery

S.No	Name of Member	Designation	Signature
1	Pradeep Kumar	CPU chemist	<i>Pradeep</i>
2	Hoshiyar Singh	Asstt Mgr. Mechanical	<i>Hoshiyar</i>
3	Charanjay Kumar	Dev opt.	<i>Charanjay</i>
4	Pawan Kumar	cpu helper	<i>Pawan Kumar</i>
5	Rajan Singh	Plant helper	<i>Rajan Singh</i>
6	Jitendra Singh	PUMP Man	<i>Jitendra</i>
7	Kaushal Pal	Lab chemist training	<i>Kaushal Pal</i>
8	Adarsh Shukla	Shift incharge	<i>Adarsh</i>
9	Shivbhadur Singh	sr. Fitter	<i>Shivbhadur</i>
10	Devraj Pandey	Decanter operator	<i>Devraj</i>
11	Braveen	PHE cleaning	<i>Braveen Singh</i>
12	Lav Kush	PHE cleaning	<i>Lav Kush</i>
13	Sanjay Kumar	Casual Labour	<i>Sanjay Kumar</i>
14	Manish	casual	<i>Manish</i>
15	Manjeed	Mechanical helper	<i>Manjeed</i>
16	Pram Kumar	Lab Assistant	<i>Pram Kumar</i>
17	Nimil Kumar	Evaporation Opt	<i>Nimil</i>
18	Bachhaendra K.V	F.M	<i>Bachhaendra</i>
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[Signature]
Signature of Faculty:

Topic:- Tanker loading
Date:- 19/12/2023
Unit:- Ramgarh

Venue:- Loading Point
Time:- 10:00
Department:- Distillers

S.No	Name of Member	Designation	Signature
1	Asvini Tripathi	loading opt	[Signature]
2	Kamod Shukla	Helper	[Signature]
3	Dera Ram	Driver	[Signature]
4	Chhagan Lal	Driver	[Signature]
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Signature of Faculty:



Training Attendance Sheet

Topic:- Fire fighting Training Post Mock Drill

Date:- 11-12-2023

Time:- 4:30 PM

Unit:- Distillery Unit

Department:- Distillery Unit

S.No	Name of Member	Designation	Signature
1	Prem	opr	[Signature]
2	Sabhit	"	Shobhit Kumar
3	Praveen	"	Praveen Singh
4	Luv Kush	"	[Signature]
5	Ardeep Prajapati	Electrician	[Signature]
6	Manjeet	opr	Manjeet
7	Ram naresh	"	Ram naresh
8	Aashish Gungwan	"	Aashish
9	Ankur	"	ANKUR
10	Kushal Pal	"	Kushal Pal
11	Sanjay	"	Sanjay
12	Gyan Prakash	[Signature]	[Signature]
13	Devraj	Devraj	Devraj
14	Dheerendra	[Signature]	[Signature]
15	Sudhar Sreedhar	Mgr Bod	[Signature]
16	Shashank Vishnoi	Asst. Manager	Shishu
17	Aakash Singh	Aakash Singh	[Signature]
18	Man Kant Kumar	Fitter	Man Kant
19	Ravish Kumar Gupta	Asst Mgr	[Signature]
20	Chandray Kumar	Fev opt.	[Signature]
21	S K Singh	Admin	[Signature]
22	Vikas Kumar	Senior Exec-HR	[Signature]
23	Bijendra Kumar	Safety officer	[Signature]
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Signature of Faculty:



Training Attendance Sheet

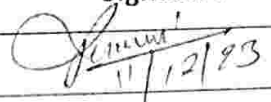
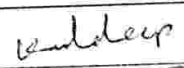
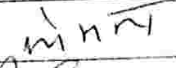





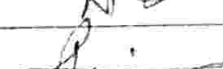



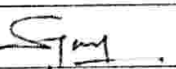
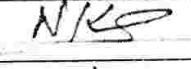
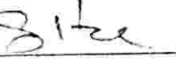

Topic:- Fire fighting training Post mock Drill.

Date:- 11-12-2023

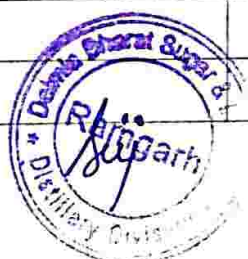
Time:- 4-30 PM

Unit:- Distillery

Department:- Security & Fire
-to all

S.No	Name of Member	Designation	Signature
1	F.S. Unit Mishra	Fire Officer	
2	Constable.	FO Team	-
3	Constable.	"	-
4	Driver	"	-
5	Asstt - Fire Officer	"	-
6	Constable	Police Dept	-
7	Constable.	"	-
8	Kuldeep Kumar		
9	Momen Khan.		
10	Ajeet Singh	S.O	
11	Aman Mishra	SIG	
12	Dipak	S.G	
13	Jitendra Kumar	"	
14	Pranav Kumar	SIG	
15	Pravesh Kumar	SIG	
16			
17	Rajendra Singh	S/O	
18	Rahul Kumar	SIS	
19	Chandras Prakash	F/M	
20	Sudhanshu	S/G	
21	Abhishek	SIG	
22	Sachinendra K.V	F/M	
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Signature of Faculty: Fire Officer



Topic:- Safety in Material Handling

Date:- 15-12-2023

Time:- 4:30 PM

Unit:- Distillery

Department:- Distillery

S.No	Name of Member	Designation	Signature
1	Hoshiyar Singh	Assist. Mgr (Microbiology)	[Signature]
2	Shiv Bahadur Singh	Senior Fitter	[Signature]
3	Dervraj Pandey	Decanter operator	[Signature]
4	Praveen Kumar	Helper	[Signature]
5	Larkush	Helper	[Signature]
6	Gourav Pandey	Fitter	[Signature]
7	Manjeet	Fitter Helper	[Signature]
8	Rajan	Plant Helper	[Signature]
9	Sachinendra K.V	Fitter	[Signature]
10	MURNA	Helper	[Signature]
11	Umesh Ram	supervisor	[Signature]
12	Sadhvi Kumar	Helper	[Signature]
13	Dharmendra Singh	Yeast Man	[Signature]
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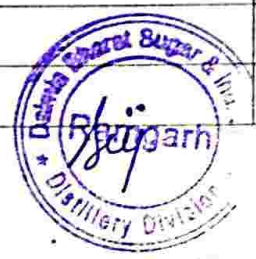
Signature of Faculty:



Topic:- Awareness training on Electrical Safety
 Date:- 08-12-2023
 Unit:- Distillery
 Time:- 4:00 PM
 Department:- Distillery

S.No	Name of Member	Designation	Signature
1	Shashank Ushraia	Asst. Manager	<i>[Signature]</i>
2	Sunit	Shift Incharge	<i>[Signature]</i>
3	Santosh	Fertn optr	<i>[Signature]</i>
4	Dhirendra Singh	Pump Man	<i>[Signature]</i>
5	Shiv Bahadur Singh	Sr. Fitter	<i>[Signature]</i>
6	Vinay Gupta	Electrician	<i>[Signature]</i>
7	Devsraj	Decanter Operator	<i>[Signature]</i>
8	Rajan Singh	Plant Helper	<i>[Signature]</i>
9	Brem	Casual Labour	<i>[Signature]</i>
10	Manjeet	Casual Labour	<i>[Signature]</i>
11	Kuldeep	Welder/Contractor	<i>[Signature]</i>
12	Pravind	Casual Labour	<i>[Signature]</i>
13	Ram Kishor	Casual Labour	<i>[Signature]</i>
14	Agnish	Casual Labour	<i>[Signature]</i>
15	Gyanendra	Asst. Electrician	<i>[Signature]</i>
16	Sachin Kumar	Fireman	<i>[Signature]</i>
17	Rohit Kumar	S.I.S	<i>[Signature]</i>
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 Signature of Faculty:





DALMIA BHARAT SUGAR & INDUSTRIES LIMITED, UNIT- RAMGARH
Training Attendance Sheet

Topic:- Training on Workplace Safety & MSDS
 Date:- 30-11-2023
 Unit:- Distillery
 Time:- 4.00PM - 5.00PM
 Department:- Distillery

S.No	Name of Member	Designation	Signature
1	SUNIL KUMAR	Shift In-charge	[Signature]
2	Dharmender	operator (Tech)	Dharmendra
3	Vivek	Do Center (operator)	Vivek
4	Rohit Yadav	plant helper	Rohit Yadav
5	Sagarb Venna	Cooling Tower	[Signature]
6	Sudhar Kr. Sood	Mjn. Head	[Signature]
7	Shivabhadur Singh	Sr. Fitter	[Signature]
8	Shobit	labour	Shobhit Kumar
9	Ramprakash	labour	[Signature]
10	Dharmender Singh	Mol. operator	[Signature]
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Signature of Faculty: [Signature]



Topic:- Tanker loading
Date:- 23/11/23
Unit:- Ramgarh

Venue:- Loading Area,
Time:- 11:00
Department:- Distillery

S.No	Name of Member	Designation	Signature
1	Asvini Tripathi	loading opt	Asvini
2	Kamini Shukla	Helper	Kamini
3	31250 2015	driver	31250 2015
4	Shiv Bakash	driver	Shiv Bakash
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Signature of Faculty:



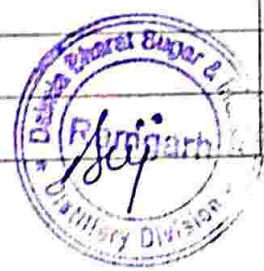
DALMIA BHARAT SUGAR & INDUSTRIES LIMITED, UNIT- RAMGARH
Training Attendance Sheet

Topic:- Emergency Preparedness
 Date:- 6-11-2023
 Unit:- Distillery

Venue:- Main Gate
 Time:- 5:00 - 6:00 PM
 Department:-

S.No	Name of Member	Designation	Signature
1	Ravish Gupta	Asst. Mgr	[Signature]
2	Abhishek Verma	Evap. Op.	[Signature]
3	GyanPrakash Sirota	U.P. Chemist	[Signature]
4	Dheerendra Singh	Pump	[Signature]
5	Shivbhadra Singh	Sr. Fitter	[Signature]
6	Sanjay Srivastava	Plant operator	[Signature]
7	Pradeep Kumar Singh	Plant OPT	[Signature]
8	Chandana Kumar	Gen. op	[Signature]
9	Hoshyar Singh	Asst. Mgr	[Signature]
10	Vijay Kumar Singh	Fer opt	[Signature]
11	Sachin Kumar	welder	[Signature]
12	Nimit Kumar	Evapopt	[Signature]
13	Manoj Kumar Mishra	Gen O.P.T.	[Signature]
14	Manish Kumar	Plant operator	[Signature]
15	Jitendra Singh	PUMP	[Signature]
16	Neelish Kumar	Decanter OPT	[Signature]
17	Vivek Kumar	Lab chemist	[Signature]
18	Devraj	Distillation Helper	[Signature]
19	Scary	MEE Helper	[Signature]
20	Vikkee	Plant opt	[Signature]
21	Santosh Singh	Plant opt	[Signature]
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Signature of Faculty: [Signature]



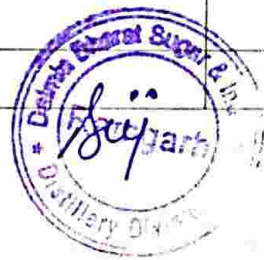
Topic:- Static charge dissipater
Date:- 14/10/23
Unit:- Ramgarh

Venue:- Load'g Point
Time:- 10:45 Am
Department:- Distillery

S.No	Name of Member	Designation	Signature
1	Asbini Kumar	Load'g	[Signature]
2	Kamal Shukla	Helper	[Signature]
3	Deendya	driver	[Signature]
4	Brijesh	driver	[Signature]
5	Satyajit	driver	[Signature]
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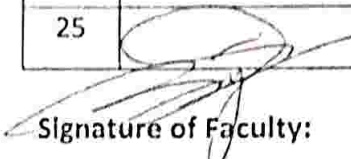


DALMIA BHARAT SUGAR & INDUSTRIES LIMITED, UNIT- RAMGARH
Training Attendance Sheet

Topic:- Safe Use of PPE's
 Date:- 14-10-2023
 Unit:- Distillery

Venue:- Main Gate
 Time:- 5:00 - 6:00 PM
 Department:-

S.No	Name of Member	Designation	Signature
1	Sanjay Kumar Srivastava	Plant Operator	[Signature]
2	Shiv Babu Deor Singh	Sr. Fitter	[Signature]
3	Ravish Gupta	Asst. Mgr	[Signature]
4	Mamohar Uthekar	Gen. O.P.T	[Signature]
5	Gyan Prakash Saini	Lab Chemist	[Signature]
6	Pradeep Kumar Singh	Plant Opt	[Signature]
7	Chandran Kumar	Gen. Opt.	[Signature]
8	Dheerendra Singh	Pump	[Signature]
9	Hoshiyar Singh	Asst. Mgr	[Signature]
10	Ashish Verma	Equip. opr.	
11	Akash Kumar	Drum Opt.	[Signature]
12	Ashish Kumar	CRU	[Signature]
13	Vijay Mushi Singh	Gen opt	[Signature]
14	Nimit Kumar	Eva opt	[Signature]
15	Amit Kumar	Workman	[Signature]
16	Shantanu Singh	PUMP	[Signature]
17	Vivek Verma	Lab Chemist	[Signature]
18	Devraj	Distillation Helper	[Signature]
19	Devraj	MEE Helper	[Signature]
20	Vikkee	Plant orb	[Signature]
21	Santosh Singh	Gen orb	[Signature]
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Signature of Faculty: 



प्रारूप-छ (संलग्नक-6)

अग्नि सुरक्षा प्रमाणपत्र (पूर्णता (कम्प्लीशन) अनापत्ति प्रमाणपत्र)

यूआईडी संख्या: UPFS/2021/40507/STP/SITAPUR/141/JD

दिनांक: 27-11-2021

प्रमाणित किया जाता है कि मैसर्स DALMIIA BHARAT SUGAR AND INDUSTRIES LIMITED DISTILLERY UNIT RAMGARH SITAPUR (भवन/ प्रतिष्ठान का नाम)पता 22-29, 31-36, 93-95, 359-362,RAMGARH,SITAPUR तहसील - MISHRIKH, प्लाट एरिया 47083 sq.mt , कुल कवर्ड एरिया 1352 (वर्ग मीटर), ब्लाकों की संख्या - 6 जिसमें

ब्लॉक/टावर	प्रत्येक ब्लॉक में तलों की संख्या	बेसमेन्ट की संख्या	ऊँचाई
CPU	2	0	7.80 mt.
PESO AND NON PESO	0	0	0 mt.
FERMENTATION	0	0	0 mt.
EVA DIST	0	0	0 mt.
EXCISE OFFICE	1	0	3.60 mt.
BOILER	0	0	0 mt.

है। भवन का अधिभोग मैसर्स DALMIIA BHARAT SUGAR AND INDUSTRIES LIMITED DISTILLERY UNIT RAMGARH SITAPUR द्वारा किया जा रहा है। इनके द्वारा भवन में अग्नि निवारण एवं अग्नि सुरक्षा व्यवस्थाएं, एन0बी0सी0 एवं तत्संबंधी भारतीय मानक ब्यूरो के आई0एस0 के अनुसार भवन में स्थापित करायी गयी व्यवस्थाओं का निरीक्षण मुख्य अग्निशमन अधिकारी द्वारा दिनांक 29-11-2021 को भवन स्वामी/भवन स्वामी के प्रतिनिधि श्री AGHA ASIF BEIG, khan.sarvaralam1978@gmail.com के साथ किया गया। भवन में अधिस्थापित अग्नि सुरक्षा व्यवस्थाएं मानकों के अनुसार अधिस्थापित पायी गयी। अतः प्रश्नगत भवन को अग्नि सुरक्षा प्रमाणपत्र (फायर सेफ्टी सर्टिफिकेट) एन0बी0सी0 की अधिभोग श्रेणी Industrial के अन्तर्गत वैधता तिथि 03-12-2021 से 02-12-2024 तक 3 वर्षों के लिए इस शर्त के साथ निर्गत किया जा रहा है कि भवन में नियमानुसार स्थापित सभी अग्निशमन व्यवस्थाओं का अनुरक्षण करते हुए क्रियाशील बनाये रखा जायेगा। भवन में स्थापित की गयी अग्निशमन व्यवस्थाओं में पायी गयी कमी के कारण किसी भी घटना के लिए मैसर्स DALMIIA BHARAT SUGAR AND INDUSTRIES LIMITED DISTILLERY UNIT RAMGARH SITAPUR अधिभोगी पूर्ण रूप से जिम्मेदार होगा/होगें। निर्गत अग्नि सुरक्षा प्रमाणपत्र का नवीनीकरण निर्धारित समयावधि के अन्दर न कराये जाने पर निर्गत अग्नि सुरक्षा प्रमाणपत्र स्वतः ही निरस्त मान लिया जायेगा, जिसके लिए मैसर्स DALMIIA BHARAT SUGAR AND INDUSTRIES LIMITED DISTILLERY UNIT RAMGARH SITAPUR अधिभोगी पूर्ण रूप से जिम्मेदार होगा/होगें।

Note : As per CFO recommendation IS BEING APPROVED

"यह प्रमाण-पत्र आपके द्वारा प्रस्तुत अभिलेखों , सूचनाओं के आधार पर निर्गत किया जा रहा है। इनके असत्य पाए जाने पर निर्गत प्रमाण-पत्र मान्य नहीं होगा

| यह प्रमाण-पत्र भूमि / भवन के स्वामित्व / अधिभोग को प्रमाणित नहीं करता है।"

हस्ताक्षर (निर्गमन अधिकारी)



Digitally Signed By
(AMAN SHARMA)

[6F3173ACF1282848601D36130C6B4188B05EE040]

03-12-2021

निर्गत किये जाने का दिनांक : 03-12-2021
स्थान : LUCKNOW

**G.R. Movers (P) Ltd.**

An ISO-9001:2008 Certified Company

To,

Dalmia Bharat Sugar And Industries Limited

(Dalmia Chini Mills), Distillery Division, Unit Ramgarh, Sitapur, (U.P)

Date-20-APRIL-2024

Dear Sir,

This is to certify that M/S G.R.MOVERSPVT.LTD.-H.O ROSHANGANJ SHAHJAHANPUR

Collecting al the Fly Ash, Wet Ash,and distillery decanter sludge from Dalmia Bharat Sugar
And Industries

Limited, (Dalmia Chini Mills), Distillery Division, Unit Ramgarh, Sitapur, (U.P)

Since 20 APRIL-2024 M/S G.R.MOVERSPVT.LTD. is working under License no-

94724/UPPCB/BAREILLY (UPPCBROyCTOIAIR/SHAHJAHANPUR/2020-(AIR POLLUTION)

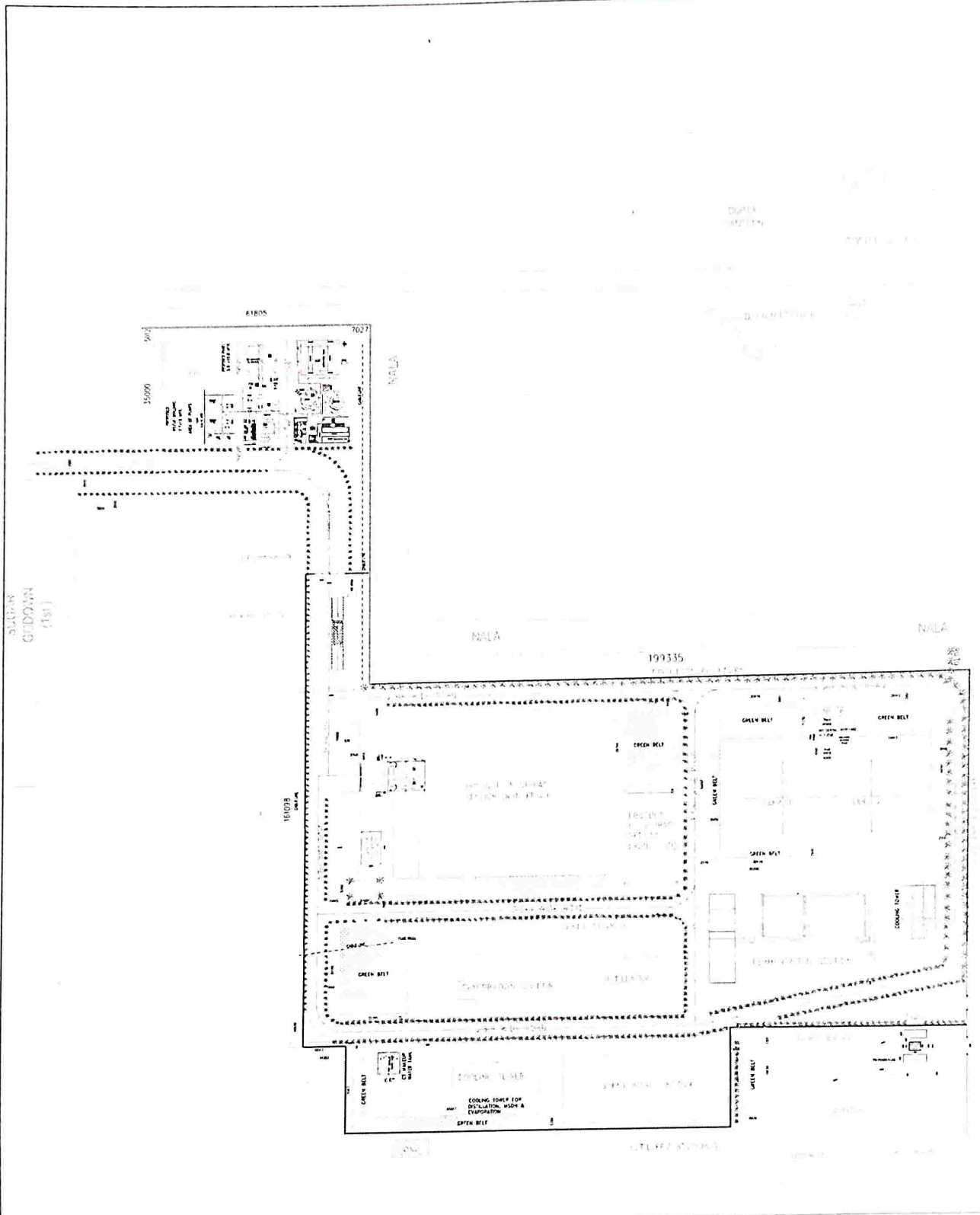
& License no-94733/UPPCB/BAREILLY(UPPCBRO)CTONVATER/SHAHJAHANPUR/2020(WATER
POLLUTION)ISSUED FROM 20/05/2020

Authorized Signatory

For G. R. Movers. Pvt Ltd.


For G.R. Movers Pvt.Ltd.


SUNNY SAXENA



DISTILLERY PLANT LAYOUT GREEN AREA, WEIGHBRIDGE, LOCATION CHANGE ROAD, BOUNDARY WALL STRAIGHT & SHIFT TROLLEY WEIGHBRIDGE

ALL DIMENSION IN MM

 Dalmia BHARAT SUGAR UNIT- RAMGARH DIST. BITAPUR		JOB No.:
		REF. ENG. No.:
DRAWN BY: RAMESH KUMAR CHECKED BY: CIVIL ENGINEER	SCALE: mm DATE: 12-09-2021	PART No.: TITLE: DISTILLERY PLANT LAYOUT DRG. No.: RCMD/JGR/A/9/21



**DALMIA BHARAT SUGAR AND INDUSTRIES LIMITED,
UNIT-RAMGARH, DISTILLERY DIVISION, RAMGARH,
SITAPUR, (U.P)- 261403.**

[ENVIRONMENTAL CELL]

In View of the statutory requirement we have re constituted an Environmental cell on 10.07.2023. It consists of the following members: -

Sr. No	Name	Designation	Qualification
1	Brij Mohan Lal	D.G.M (Distillery)	M.Sc. Microbiology, DIFAT.
2	Sarver Alam Khan	Asstt. Manager	M.Sc. Environmental Science
3	Sudhir Kumar Sisodhia	Manager Production	B.Sc., DIFAT
4	Ravish Gupta	Assistant Manager	B.Sc., DIFAT
5	Hoshiyar Singh Yadav	Microbiologist (Asstt Manager)	MSc. Biotechnology, DIFAT
6	Sunil Kumar	Shift Chemist	B.Sc., DIFAT
7	Aadarsh Shukla	Shift Chemist	B.Sc., DIFAT
8	Pradeep Kumar	CPU Chemist	B.Sc.
9	Nitish Sachan	CPU Chemist	B.Sc & ITI
10	Vishvas Kumar	CPU Operator	Diploma
11	Akash Kumar	CPU Operator	Diploma





CIN: U73100MP2002PTC015352

GSTIN: 23AAECA9188L1Z8

Approved: by Ministry of Environment, Forest and Climate Change (MoEF&CC)

Approved: by Occupational Health & Safety Management (ISO45001:2018)

Registered Office: 63/1, Kailash Vihar, Near Income Tax Office, City Center-II,

Gwalior-474 011, M.P., India

☎ 0751-3566867, 2232177

Email: aetgwalior@gmail.com, aetrlcenter@gmail.com

Web: aetrl.com



TEST REPORT

Company Name: Dalmia Bharat Sugar And Industries Limited
 Distillery Unit- Ramgarh
 Address: Vill& PO- Ramgarh, Distt.- Sitapur, UP
 Nature of Sample: Ambient Air Monitoring
 Lab. ref. No: AETRL/250224A0001
 Sample Location: Near CPU
 Sampling Duration: 24 Hrs

Date of Issue: 01/03/2024

Monitoring Date : 24/02/2024

Qty of sample: 30ml

Sample bottle: Plastic packing

Sampling Done By: Sampling Staff

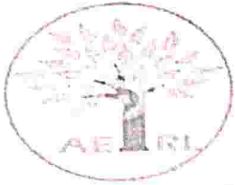
Equipment used: Reparable Dust Sampler
 (APM 460- 410) PM 2.5

TEST RESULT

S. No.	Parameters	Protocol	Unit	Result	Standards
1.	Sulphur Dioxide (SO ₂)	IS 5182:Part2:2001	µg/m ³	16.38	80/Day
2.	Nitrogen Dioxide (NO ₂)	IS 5182:Part6:2006	µg/m ³	14.42	80/Day
3.	Particulate matter (less than 10 µm)	IS 5182:Part23:2006	µg/m ³	54.12	100/Day
4.	Particulate matter (less than 2.5 µm)	USEPA CFR40 (50), Appendix L	µg/m ³	12.72	60/Day
5.	Ozone (O ₃)	IS 5182:Part9:1974	µg/m ³	7.32	100/8*Hours
6.	Lead (Pb)	IS 5182:Part22:2004	µg/m ³	ND	1.0/Day
7.	Carbon Mono Oxide (CO)	IS 5182:Part10:1999	mg/m ³	0.26	02/8*Hours
8.	Ammonia (NH ₃)	APHA 401 (Indophenols)	µg/m ³	7.4	400/Day
9.	Benzene (C ₆ H ₆)	IS 5182:Part 11:2006	µg/m ³	<0.1	05/Annual
10.	Benzo (a) Pyrene (BaP) Particulate Phase only	IS 5182:Part12:2004	µg/m ³	ND*	01/Annual
11.	Arsenic (As)	IS 5182:Part22:2004	µg/m ³	ND	06/Annual
12.	Nickel (Ni)	IS 5182:Part22:2004	µg/m ³	0.26	20/Annual



(Authorized signature)



CIN: U73100MP2002PTC015352

GSTIN: 23AAECA9188L1Z8

Approved: by Ministry of Environment, Forest and Climate Change (MoEF&CC)
Approved: by Occupational Health & Safety Management (ISO45001:2018)
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TEST REPORT

Company Name: Dalmia Bharat Sugar And Industries Limited ,
Distillery Unit- Ramgargh
Address: Vill & PO- Ramgargh, Distt.- Sitapur, UP
Nature of Sample: Drinking Water
Lab. ref. No: AETRL/250224W0001
Sample Location : Bore Well

Date of Issue: 01/03/2024

Monitoring Date : 24/02/2024
Sampling Done By: Sample Collection in
presence of lab represented.

TEST RESULT

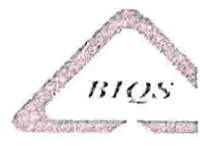
S. No.	PARAMETER	UNIT	PROTOCOL	RESULTS	Drinking Water Standards /Limit (IS:10500- 2012)	
					Desirable Limit	Permissible
1	Colour	.....	APHA-2120(C)	<5	5 max.	25 max.
2	Taste	....	IS:3025 (P-8)	Agreeable	Agreeable	No Relaxation
3	Turbidity	....	APHA-2130(B)	<1	5.0 max.	10 max.
4	pH	.....	APHA- 4500 H+B	7.68	6.5 -8.5	No Relaxation
5	Total Hardness	mg/l	APHA-2340(C)	264.0	300 max.	600 max.
6	Iron as Fe	mg/l	APHA-3111(B)	0.32	0.3 max.	1.0 max.
7	Chloride as Cl	mg/l	APHA-4500(B)	14.06	250 max.	1000 max.
8	Residual Free Chlorine (RFC)	mg/l	APHA-4500(B)	Nil	0.2 min.	No Relaxation
9	Total Dissolve Solids	mg/l	APHA-2540(C)	262.0	500 max.	2000 max.
10	Calcium as Ca	mg/l	APHA-3500(B)	58.88	75 max.	200 max.
11	Magnesium as Mg	mg/l	APHA-3500 Mg(B)	22.48	30	100
12	Copper as Cu	mg/l	APHA-3111(B)	<0.02	0.05 max.	1.5 max.
13	Manganese as Mn	mg/l	APHA-3111(B)	<0.01	0.1 max.	0.3 max.
14	Sulphate as SO ₄	mg/l	APHA-4500(C)	15.72	200 max.	400 max.
15	Nitrate as NO ₃	mg/l	APHA-4500 NO ₃ (B)	4.0	45 max.	100 max.
16	Fluorides as F	mg/l	APHA-4500(D)	0.38	1.0 max.	1.5 max.
17	Mercury as Hg	mg/l	APHA-3112(B)	Not deducted	0.001 max.	No Relaxation



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18	Cadmium as Cd	mg/l	APHA-3111(B)	<0.004	0.01 max.	No Relaxation
19	Selenium as Se	mg/l	APHA-3113(B)	<0.01	0.01 max.	No Relaxation
20	Cyanide as CN	mg/l	APHA-4500(C)	Not deducted	0.05 max.	No Relaxation
21	Lead as Pb	mg/l	APHA-3111(B)	<0.01	0.05 max.	No Relaxation
22	Zinc as Zn	mg/l	APHA-3111(B)	<0.01	5.0 max.	15 max
23	Anionic Detergent (MBAS)	mg/l	APHA-4540	<0.05	0.2 max.	1.0 max.
24	Total Chromium (as Cr)	mg/l	APHA-3500 Cr-B	<0.01	0.05 max.	No Relaxation
25	Polynuclear Aromatic Hydrogen (PAH)	mg/l	APHA-6440	Not deducted	.....	.....
26	Mineral Oil	mg/l	IS:3025(P-39)	<0.01	0.01 max.	0.03 max
27	Pesticides	mg/l	IS:14628	Absent	Absent	0.001
28	Total Alkalinity	mg/l	APHA-2320(B)	174.0	200 max.	600 max.
29	Aluminium as Al	mg/l	APHA-3500(B)	<0.02	0.03 max.	0.2 max.
30	Barium as (Ba)	mg/l	APHA-4500(B)	<0.05	0.1 max.	No Relaxation
31	Total Coliform (MPN)	No./100 ml	APHA-9215 (A,B)	Absent	Absent	No Relaxation
32	Malybdenium (Mo)	mg/l	APHA-3111(D)	<0.02	0.07	No Relaxation
33	Nickel (Ni)	mg/l	APHA-3111(B)	Absent	0.02	No Relaxation
34	Bromoform	mg/l	APHA-3111(B)	ND	0.1	No Relaxation
35	Dibromochloro Methane	mg/l	APHA-6232	ND	0.1	No Relaxation
36	BromoDichloro Methane	mg/l	APHA-6232	ND	0.06	No Relaxation
37	Chloroform	mg/l	APHA-6232	ND	0.2	No Relaxation
38	Silver (Ag)	mg/l	APHA-6232	<0.01	0.1	No Relaxation
39	e-Coll	-----	IS 1622-1981	Absent	Absent	No Relaxation
40	Sulphide (asH ₂ S)	mg/l	APHA-4500(F)	<0.01	0.4Max	No Relaxation
41	Chloramines (CL ₂)	mg/l	APHA-4500(D)	ND	0.1	No Relaxation



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CIN: U73100MP2002PTC015352 GSTIN: 23AAECA91SSL1Z8
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TEST REPORT

Company Name: Dalmia Bharat Sugar And Industries Limited ,
Distillery Unit- Ramgargh
Address: Vill & PO- Ramgargh, Distt.- Sitapur, UP
Nature of Sample: Noise Monitoring
monitoring Duration :24 Hrs

Date of Issue: 01/03/2024
Monitoring Date : 24/02/2024
Sampling Done By: Sampling Staff
Lab. ref. No: AETRL/250224N0001

TEST RESULT

S.No.	Location	Noise Level in dB(A)	
		Day	Night
1.	Near Distillation Unit	72.6	68.4

Noise Work area- Factory Act-1948

Area Code	Category of area	Limit in dB(A) Leq
A	Industrial Area	85

Type of Area	Limits in dB(A) Leq*	
	Day Time	Night Time
Industrial Area	75	70
Commercial Area	65	55
Residential Area	55	45
Silence Zone	50	40

Ambient Noise Standards

*dB (A) Leq denotes the time weighted average of the sound level in decibels on scale A which is relatable to human hearing.

Source: Pollution Control Acts Rule and Notifications issued there under, by Pollution Control Law Series: PCLS/02/2006(Fifth Edition) of Central Pollution Control Board, January 2006, pp 926.
Day and Night time shall mean from 6:00 a.m. to 10:00 p.m. and 10:00 p.m. to 6:00 a.m. respectively.



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CIN: U73100MP2002PTC015352 GSTIN: 23AAECA918SL1Z8
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TEST REPORT

Company Name: Dalmia Bharat Sugar And Industries Limited ,
 Distillery Unit- Ramgargh
 Address: Vill & PO- Ramgargh, Distt.- Sitapur, UP
 Nature of Sample: Effluent Sample
 Lab. ref. No: AETRL/250224WW0001
 Sample Location : CPU Inlet (Equalization Tank)

Date of Issue: 01/03/2024
 Monitoring Date : 24/02/2024
 Sampling Done By: Sampling Staff

TEST RESULT

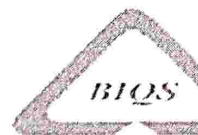
S. No.	PARAMETER	UNIT	PROTOCOL	RESULTS
1	pH	...	APHA 4500 H+B	4.6
2	Suspended Solids(SS)	Mg/l	APHA 4500 H+B	132.00
3.	Bio-Chemical Oxygen Demand (BOD-3days at 27°C)	Mg/l	APHA 4500 (D)	1346.00
4.	Chemical Oxygen Demand (COD)	Mg/l	APHA 4500 (B)	3642.00
5.	Oil & Grease (O&G)	Mg/l	APHA 4500 (B)	BDL



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TEST REPORT

Company Name: Dalmia Bharat Sugar And Industries Limited ,
Distillery Unit- Ramgargh

Address: Vill & PO- Ramgargh, Distt.- Sitapur, UP

Nature of Sample: Effluent Sample

Lab. ref. No: AETRL/250224WW0002

Sample Location : CPU Permit (UV Outlet)

Date of Issue: 01/03/2024

Monitoring Date : 24/02/2024

Sampling Done By: Sampling Staff

TEST RESULT

S. No.	PARAMETER	UNIT	PROTOCOL	RESULTS
1	pH	...	APHA 4500 H+B	7.64
2	Suspended Solids(SS)	Mg/l	APHA 4500 H+B	7.0
3.	Bio-Chemical Oxygen Demand (BOD-3days at 27°C)	Mg/l	APHA 4500 (D)	26.0
4.	Chemical Oxygen Demand (COD)	Mg/l	APHA 4500 (B)	156.0
5.	Oil & Grease (O&G)	Mg/l	APHA 4500 (B)	BDL



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TEST REPORT

Company Name: Dalmia Bharat Sugar And Industries Limited ,
Distillery Unit- Ramgargh
Address: Vill& PO- Ramgargh, Distt.- Sitapur, UP

Date of Issue:01/03/2024

Monitoring Date :24/02/2024

Nature of Sample: Effluent Sample
Lab. ref. No: AETRL/250224WW0003
Sample Location :Raw Spent Wash

Sampling Done By:Sampling Staff

TEST RESULT

S. No.	PARAMETER	UNIT	PROTOCOL	RESULTS
1	pH	...	APHA 4500 H+B	6.18
2	Suspended Solids(SS)	Mg/l	APHA 4500 H+B	21752
3	Total Dissolved Solids(TDS)	Mg/l	APHA-2540(C)	86602
4	Total Solid (TS)	Mg/l	APHA -2540B	108354
5	Bio-Chemical Oxygen Demand (BOD-3days at 27°C)	Mg/l	APHA 4500 (D)	20648
6	Chemical Oxygen Demand (COD)	Mg/l	APHA 4500 (B)	47668



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TEST REPORT

Company Name: Dalmia Bharat Sugar And Industries Limited
Distillery Unit- Ramgargh
Address: Vill & PO- Ramgargh, Distt.- Sitapur, UP
Nature of Sample: Concentrated spent wash After MEE (SLOP)
Lab. ref. No: AETRL/250224G0001
Sample Location : N/A

Date of Issue::01/03/2024

Monitoring Date :24/02/2024
Sampling Done By: Sampling Staff

TEST RESULT

S. No.	PARAMETER	UNIT	PROTOCOL	RESULTS
1	pH	...	APHA 4500 H+B	4.37
2	Suspended Solids(SS)	Mg/l	APHA 4500 H+B	4285.0
3	Total Dissolved Solids(TDS)	Mg/l	APHA-2540(C)	530000.0
4	Total Solid (TS)	Mg/l	APHA -2540B	544285.0
5	Bio-Chemical Oxygen Demand(BOD-3days at 27°C)	Mg/l	APHA 4500 (D)	63575.0
6	Chemical Oxygen Demand (COD)	Mg/l	APHA 4500 (B)	377000.0
7	Oil & Grease (O&G)	Mg/l	APHA 4500 (B)	Nil
8	Gross Calorific Value.	K Cal/Kg	IS:1320-2	3045.0



(Authorized signature)

Dalmia Bharat Sugar and Industries Limited

Corporate Social Responsibility

CSR Activities and Budget Details for FY 2023-24



Submitted by

Dalmia Bharat Sugar & Industries Limited

Unit- Ramgarh, District- Sitapur, UP

23rd April 2024

Dear Ma'am, / Sir,

Ref: CSR activities undertaken in FY 2023-24 by the Dalmia Bharat Sugar and Industries Limited(DBSIL), Unit- Ramgarh, District- Sitapur, UP

The vision of our company, DALMIA BHARAT SUGAR AND INDUSTRIES LIMITED ("Company") is to unleash the potential of everyone we touch. As we seek to do that, we aim at sustainable and inclusive growth, by making definitive triple bottom-line (social, economic and environmental) impact. While we have always had a strong commitment to comply with the law, we seldom hesitate to go beyond the limits laid under law and put in an extra effort to achieve the status of a responsible corporate citizen in tune with the Dalmia Group' s values. Aiming at creating shared values for all stakeholders, we seek to integrate corporate social responsibility ("CSR") into our business processes.

In compliance with the provisions of section 135 of the Companies Act, 2013 (" Act") including Schedule VII thereof, and the Companies (Corporate Social Responsibility Policy) Rules, 2014 (" Rules"), the Company shall undertake its CSR activities, projects, programs (either new or ongoing) in a manner compliant with the Act and the Rules (" Projects"). In light of the Company' s vision and objectives as set out above, the Company undertake Projects covering the following areas/activities: The Company' s focus area for CSR for the local community has been in the field of Climate Change (Water and Energy) Livelihood Skill Development, Social Infrastructure Development, Healthcare, Education, Sanitation, Environment conservation. Consistently we are trying to create visible impact and equitable change in the lives of the rural communities through the various development projects/programs

However, with reference to your office direction issued via letter File No: IV/ENV/UP/IND-187/560/2020/566 on dated 4th March 2022 regarding submission of the details of our CSR activities along with expenditure made, being furnished below

CSR Activities and Expenditure Details FY 2022-24

Program	Program Activities	Total
Climate Actions	Drip Irrigation System	2051663
	Water Project	3859747
	Vermi Compost Pits	853388
	FYM pits	766200
	<i>Sub Total</i>	<i>75,30,998</i>
Livelihood	Sarayan Craft	369764
	Gram Parivartan (Prof. Fee/Travel & Conv)	812114
	Gram Parivartan (Livelihood Program)	1071980
	Sustainable Sugarcane Intensification (SSI) Project supported by NABARD	-432222
	Dairy development project with BAIF	1552578
	<i>Sub Total</i>	<i>33,74,214</i>
Social Infrastructure	Common Service Lab (hp)	407817
	Seekho Seekhao (SSP)	5046740
	IEC	1184000
	Project Anubhutin- Blue ORB	1800000
	UC Fund- Fixed Assets (AC)	47480
	UC Fund- Office Visit/Meeting & Maint. Exp.	49985
	UC Fund- Event and Day Celebration	45126
	UC Fund- Fogging in village	11338
	UC Fund- Plantation Work	7400
	UC Fund- Solar Mini Grid	103514
	UC Fund- Distribution of Solar Lantern	28940
	UC Fund- Solar Fencing	500000
	UC Fund- Capacity building Nukkad Natak	124254
	<i>Sub Total</i>	<i>9356591</i>
PE	Travel & Con (Local & out of Station)	97799
	Mobile/telephone	3956
	Printing & stationary	3982
	Staff welfare & Misc.	53947
		<i>Sub Total</i>	159684
	Grand Total	2,04,21,490

Climate Action:

Recharge Shaft: Till 31st march 2024 12 recharge shafts were constructed, collectively harvesting 240,000 cubic meters (CUM) of water annually. These shafts play a crucial role in groundwater replenishment, ensuring sustained access to water resources.

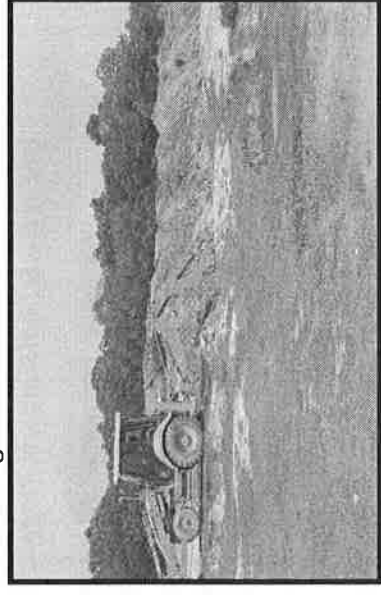
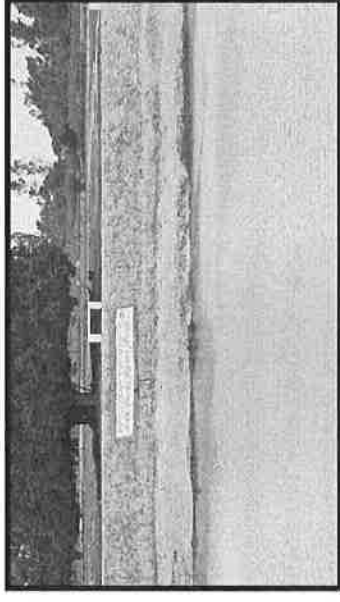
Water ETP (Excess Water Supply Pipeline): March 2024 saw the installation of a pipeline spanning 1100 meters as part of the water initiative. This pipeline delivers fresh ETP water to 385 farmers, covering 500 acres of farmland for irrigation purposes. By facilitating efficient water distribution, the pipeline optimizes agricultural productivity and promotes sustainable farming practices.

Water Harvesting Structure (Village Pond): A total of 17 ponds were excavated with government support. These ponds collectively harvest 11.32 lakh kilolitres (KL) of water annually, directly benefiting approximately 15,000 individuals. Serving as vital reservoirs, these village ponds contribute to water storage and management, supporting both agricultural needs and community livelihoods.

N Drip: The Gravitational Drip Irrigation System revolutionizes crop irrigation in Ramgarh, serving 6 beneficiaries across 25 hectares. Harnessing gravity, it efficiently delivers water to plants, curbing waste and boosting yields. This sustainable solution slashes water consumption, cuts energy expenses, and augments crop output. Easy installation and low maintenance render it ideal for resource-strapped rural areas. By enhancing crop yields, minimizing water use, and reducing energy costs, this system holds immense promise for uplifting the livelihoods of small-scale farmers in Ramgarh.

Mandakini River restoration Project -The Mandakini River restoration project in Mishrikh, Sitapur district, aims to reverse environmental degradation and enhance biodiversity. Through measures like encroachment mitigation, biodiversity conservation, and water quality improvement, it fosters sustainable development. Socioeconomic impacts include livelihood enhancement, community empowerment, tourism opportunities, climate resilience, improved health, and infrastructure development. This initiative promises a holistic approach to revitalizing the ecosystem while benefiting local communities, aligning with long-term sustainability goals.

Overall, these initiatives represent a holistic approach to water conservation and management. By addressing both quantity and quality aspects of water resources, they contribute to enhanced water security, agricultural sustainability, and rural development.



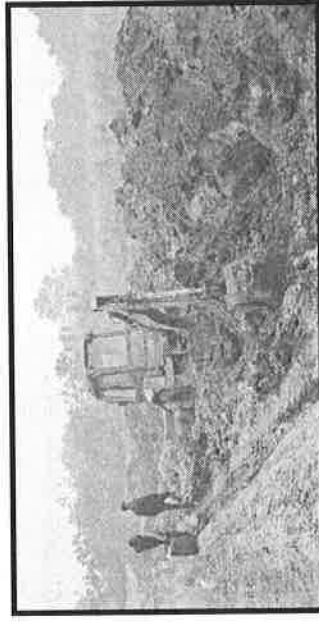
Vermi Compost:

In the current financial year, with the support of Cane department, 1000 vermicompost beds were distributed to farmers, promoting sustainable agriculture practices. These beds were installed across fields, with an anticipated production of 3330 quintals expected after a four-month period. Vermicompost, renowned for its nutrient-rich properties, enhances soil fertility and crop yields. By providing farmers with access to organic fertilizers like vermicompost, the department aims to improve agricultural productivity while reducing reliance on chemical inputs. This initiative underscores a commitment to environmentally friendly farming methods, fostering soil health and long-term sustainability in agriculture.



Press Mud Distribution:

In Ramgarh, a total of 39,707 quintals of press mud were distributed to 730 farmers, with an average application rate of 50 quintals per hectare. This distribution covered a total of 3,176 hectares of sugarcane cultivation land. The application of press mud has led to significant improvements in plant growth compared to fields where press mud was not applied. This underscores the effectiveness of press mud as a soil amendment, enhancing soil fertility and promoting healthy plant development. Overall, this initiative highlights the positive impact of agricultural interventions in optimizing crop yield and ensuring sustainable farming practices.



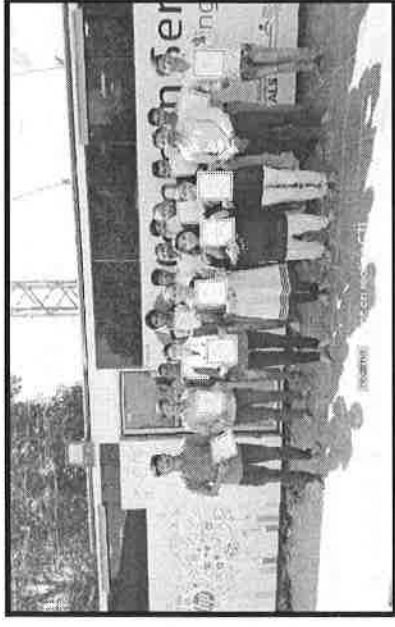
Under the School Supports Programme – Through Seekho Seekhao Foundation:

We have promoted 33 smart TVs (smart TVs Class room) were distributed to 33 beneficiary schools, benefiting 4,113 students. This initiative significantly enhances educational resources by providing access to multimedia content, improving teaching methods, and bridging the digital divide in rural areas. Furthermore, 25 computer setups were installed in 5 schools, benefiting 1,131 students. This fosters digital literacy, access to information, skill development, and opens doors to employment and entrepreneurial opportunities. Overall, these interventions by the Seekho Seekhao foundation have profound social and economic impacts, enriching educational opportunities and contributing to human capital development and economic empowerment in the region.



Common Service Lab:

In the current financial year, a CSL spearheaded various initiatives aimed at empowering the community. Notably, 400 beneficiaries were trained in digital and financial literacy alongside cyber security, equipping them with essential skills for navigating the digital landscape securely. This initiative holds significant socio-economic implications as it enhances individuals' capacity to engage in digital transactions, access online services, and protect themselves from cyber threats. Additionally, through E-citizen services, 350 members received valuable benefits, likely improving their access to government services and information. These efforts contribute to bridging the digital divide and promoting inclusive growth, fostering socio-economic development within the community.

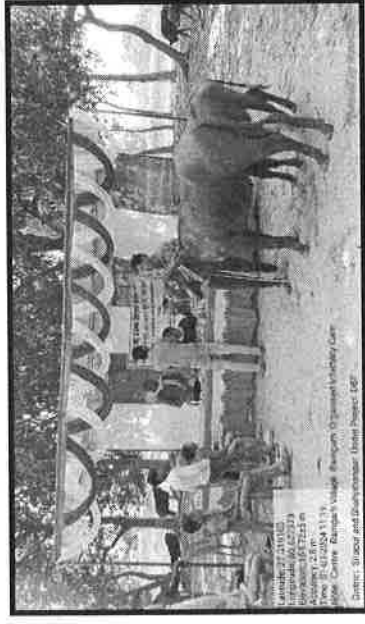


Eye Camps through Tele Medicine Centre, CSL Ramgarh:

A single eye camp was organized, catering to 280 adults and 70 children. During the camp, 10 cases necessitated further treatment and were referred accordingly. Through the telemedicine centre collaboration between CSL and Medo Plus, a total of 360 patients received comprehensive treatment. This initiative not only addressed immediate medical needs but also underscored the importance of accessible healthcare, especially in remote areas. By leveraging telemedicine technology, the partnership facilitated efficient diagnosis and treatment, ensuring that patients received timely medical attention irrespective of geographical barriers. Overall, this collaborative effort exemplifies the power of innovation and partnership in enhancing healthcare accessibility and improving patient outcomes.

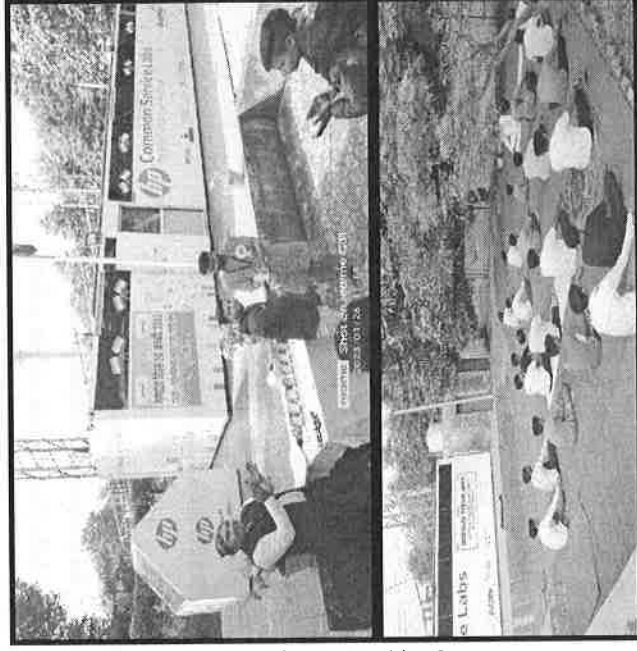
Dairy Development Through AI:

In the FY 2023-24, Dairy Development through AI Ramgarh utilized AI techniques to improve breeding practices, conducting 1589 conventional and 383 shortened AI procedures, resulting in 146 calves born, with 130 being female. This enhanced livestock productivity and ensured economic sustainability. Additionally, 4 livelihood trainings, including Infertility Camps, benefited 276 families, treating 517 cattle for infertility and deworming 221 female calves. These interventions bolstered food security and livelihood resilience. The project fostered a culture of innovation, empowering farmers with skills and knowledge, leading to sustainable development and economic empowerment in Ramgarh, serving as a model for inclusive growth in rural areas of Ramgarh.



Days and events Celebration:

The Environmental Day Programme in June 2023 showcased the community's dedication to environmental stewardship, with 103 participants highlighting collective responsibility. This event likely heightened awareness about environmental issues and encouraged sustainable practices, promoting environmental consciousness. The Independence Day Programme in August 2023, uniting 120 participants, instilled patriotism and national pride. Such celebrations promote unity, transcending social differences, and strengthening community bonds. By fostering patriotism, this event likely enhanced civic engagement and social cohesion within the community. The International Women's Day Celebration in March 2024 honoured women's achievements and advocated for gender equality. With 60 women participating, it acknowledged their contributions to society. The distribution of sewing machines empowered these women economically, promoting independence and self-sufficiency.



Gram Parivartan (Micro Enterprises):

The Gram Parivartan initiative established 21 micro-enterprises across sectors like Barbering, Carpentry, Beauty parlour, Provisional stores, Pottery, Cycle-pulled hawking, and Cycle- repairing. It fosters social empowerment by enabling self-employment and skills development. Economically, it diversifies income sources, boosts employment, and stimulates local markets. These enterprises collectively generate around Rs. 2,11,962 monthly, aiding poverty alleviation and fostering community prosperity.



Azolla:

In December 2023, as part of the Gram Parivartan project, 250 Azolla beds were distributed and installed across 11 core villages. Each bed, sized 9 x 4 x 1 ft., has the potential to yield 2 quintals annually, valued at Rs. 11,000. The increased yield in milk/weight gain, equivalent to an average of Rs. 7,500 annually, highlights the economic benefits and agricultural efficiency facilitated by the Azolla units.



Kheyti Intervention – (Protective farming):

Two training programs supported by the Kheyti Team were conducted for polyhouse farmers. The first session had 18 attendees, while the second, focusing on advanced techniques and seed procurement, had 7 participants. These programs facilitated knowledge transfer, enhancing productivity and sustainability. Farmers gained insights into best practices, strengthening their understanding of polyhouse farming. Additionally, these sessions fostered community among farmers, promoting knowledge exchange and network building. Adoption of polyhouse farming can lead to higher incomes, with households potentially earning up to Rs. 1,05,000 annually.

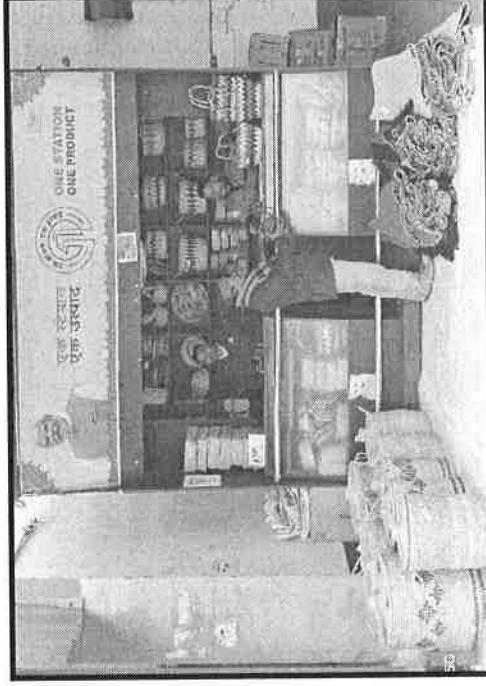
KUSUM Yojana:

KUSUM Yojana aims to support sustainable agricultural practices while contributing to renewable energy goals, fostering rural development, and ensuring energy security. 6 Farmers are benefitted from the Tier 1 villages. The Leverage (Central Govt. & State Govt.) amount is Rs. 200000/- for 5 HP for 2 Farmers and Rs. 140000/- for 3 HP for 4 Farmers. It promotes sustainable agriculture by encouraging the use of solar-powered irrigation pumps, lowers operational costs. Additionally, through the installation of solar panels on agricultural lands, farmers can generate extra income by selling surplus electricity to the grid at the rate of Rs.350/ Hr. Thus, along with farming, these farmers will become Energy Entrepreneurs also.



Moonj Craft:

Sarayan Craft, a subsidiary of Sarayan Farmer Producer Company Ltd., founded in 2019 by the Dalmia Bharat Foundation, empowers rural women artisans while preserving traditional craftsmanship. With all 250 artisans being women, the organization fosters gender equality and economic independence. Financial injections of Rs. 12,86,000 and Rs. 11,75,490 in grants and sales in 2020-21 and 2021-22 respectively have positively impacted the village's economy. Collaborations with entities like Women on Wings and partnerships with companies like PepsiCo have further expanded its reach and financial success, culminating in a significant business turnover of Rs. 10.53 lakh in FY 2023-24. This success not only benefits shareholders but also symbolizes the profound socio-economic transformation brought about by Sarayan Craft in Ramgarh.



Gram Parivartan Project

1. Number of villages- 11
2. Number of Households- 5008
3. Total population- 27575
4. Households mapped-3000
5. Households with additional income-2652
6. Interventions Planned-3321
7. Additional Income-1153.84 Lakhs
- 8.

HH in Different levels of Additional Income			
<25K	25K-50K	50K-75K	>1L
450	214	180	456

A CASE STUDY: Aparna's Entrepreneurial Success in Rural Beautician Services-

Aparna, a skilled beautician hailing from Village Korauna, Sitapur, epitomizes the spirit of entrepreneurship. Despite limited resources, she turned her passion for beauty into a thriving business venture by establishing her own beauty parlour. With a Mudra loan of Rs. 30,000 and DBF assistance of Rs. 10,000, Aparna inaugurated a fully-equipped beauty parlour near the market. Utilizing her expertise and local connections, she provides affordable beauty services now, generating a daily income of Rs. 800-1200.

Aparna's proficiency in salon treatments enhances her ability to cater to the diverse needs of her community, contributing significantly to her success. Through her entrepreneurial endeavour, Aparna not only sustains her livelihood but also addresses the beauty needs of her locality, exemplifying the transformative impact of small business initiatives in rural areas. Aparna's success not only transformed her own livelihood but also inspired and empowered other women in her village to chase their aspirations.



Thanking you.

Yours faithfully

For DALMIA BHARAT SUGAR & INDUSTRIES LIMITED

Ramgarh Unit, DBSIL, Ramgarh.



Annexed - Media Gallery in the FY-2023-2024.

