

DBSIL-N /Distillery/ EC COMP/2023/

05.10.2023

The Regional Director (Central Zone)
Ministry of Environment, Forest & Climate Change
Regional Office, Kendriya Bhawan
5th Floor, Sector "H" Aliganj
Lucknow-206020 (U.P.)

SUB: Compliance Report (April-2023 to September-2023) of Environmental Clearance of 110 KLD Molasses based Distillery & 2.5 MW Co- gen.

Dear Sir,

As per stipulated condition of Environmental Clearance granted to us for 110 KLD Molasses based Distillery and 2.5 MW co-gen. dated 15th Oct 2020.

We are submitting six-monthly compliance report of Environmental Clearance along with pertinent enclosures.

Thanking you.

Yours faithfully

For Dalmia Bharat Sugar & industries Ltd .
Distillery - Unit; Nigohi Shahjahanpur (U.P)


(Authorized Signatory)

Encl:

- Annex. - 1. (I) Stack Emission Report, (II) Noise Level Report, (III) Ambient Air Report.
- Annex. - 2. Health Surveillance Report.
- Annex. - 3. Environment Statement of FY Ending March 2023
- Annex. - 4. CSR expense details

- CC : 1.Regional Director, Central Pollution Control Board (Zonal Office),Lucknow
2. Chief Environment Officer (C-7), U.P. Pollution Control Board, Lucknow.
3. The Regional Officer, U.P. Pollution Control Board, Bareilly.

110 KLPD Distillery Unit at Village Kuyian In District Shahjahanpur In Uttar Pradesh

Half Yearly Compliance Report

Name of Project: 110 KLPD Distillery Unit by M/s Dalmia Bharat Sugar & Industries Ltd, Distillery -Unit Nigohi, at Village Kuyian, Post -Areli, Tehsil -Tilhar, District Shahjahanpur in Uttar Pradesh.

Project Proponent: Dalmia Bharat Sugar & Industries Ltd, Distillery -Unit Nigohi.

Period Of Compliance: April 2023 to September 2023

Ref: EC Letter no. IA-J-11011/315/2017 -IA II (I) dated 15th Oct 2020

S.No	Conditions	Compliance Status
Specific Condition given in EC letter dated 15th Oct, 2020		
(a)	Consent of Establish/ Operate for the project shall be obtained from the state Pollution Control Board as required under the Air(Prevention and Control of pollution) Act,1981 and the Water(Prevention and Control of Pollution) Act, 1974.	Consent to Establish vide ref no. 101303 / UPPCB / Bareilly (UPPCBRO/CTE/SHAHJAHANPUR/2020 DATED 06.01.2021. Consent to Operate vide ref. No 167418/UPPCB/BAREILLY(UPPCBRO)/CTO/both/SHAHJAHANPUR/2022 dated 08/11/2022 have been obtained from UPPCB.
(b)	As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises.	The plant is completely based on Zero Liquid Discharge. Water Balance Chart send with previous compliance report.
(c)	Necessary authorization required under the Hazardous and other wastes (Management and Trans - Boundary Movement) Rules, 2016, Solid Waste Management Rules, 2018 shall be obtained and the provisions contained in the Rules shall be strictly adhered to.	Authorization obtained: no. 19363 / UPPCB / Bareilly (UPPCBRO) / HWM / SHAHJAHANPUR / 2023 dated 30.01.2023, valid till 29.01.2028 Provisions of the Authorization will strictly be followed. Authorization Copy is attached herewith as Annexure - 7. No hazardous sold from this plant.
(d)	To control source and the fugitive emissions, suitable	Electrostatic precipitator has already been installed as Air Pollution Control Device to meet out of prescribed

	pollution control devices shall be installed to the prescribed norms and/or the NAAQS. The gaseous emission shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.	norms and/or the NAAQS. Height of stack is 65 meter to control the gaseous emission. Stack emission report attached as Annex-1(I)
(e)	Total fresh water requirement shall not exceed 500 cum/day proposed to be met from ground water. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard.	We are using fresh water as per Environment Clearance and we have been obtained NOC from UPGWD Lucknow From Ministry Jal Shakti UP. Government of Uttar Pradesh Annexure -5(I)
(f)	Industrial/trade effluent shall be segregated into high COD/TDS and low COD/TDS effluent streams. High TDS/COD shall be passed through stripper followed by MEE and ATFD(Agitator thin film drier). Low TDS effluent stream shall be treated in ETP followed by RO to meet the prescribed standards.	Industrial effluent is being segregated in to high COD/TDS effluent is being concentrated through MEE & feed to Incineration Boiler as fuel and low COD /TDS effluent evaporated from MEE is being treated through RO, to meet out of the prescribed standard and use in the fermentation and cooling tower as make up water.
(g)	Process effluent/any wastes water shall not be allowed to mix with storm water form the premises shall be collected and discharged through a separate conveyance system.	No waste water and storm water mix with each other and the same is being used in incineration boiler as fuel and cooling tower. No waste water is being discharge out side from premises.
(h)	Hazardous chemicals, if any, shall be stored in tanks, Tank farms drums, carboys etc. Flame arresters shall be provided on tanks farms and the solvent transfer through pumps.	Hazardous chemicals is being stored in drums and flame arresters are provided on tanks farms and the solvent through pumps.

(i)	Process organic residue and Spent carbon, If any, shall be sent to cement Industries. ETP Sludge, process inorganic & Evaporation salt shall be disposed off to the TSDF.	Presently no such residue has been generated. We have a contract with TSDF authorized recycler to dispose off the process organic residue.
(j)	The company shall strictly comply with the rules and guidelines under Manufacture, Storage and import of hazardous Chemicals (MCIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.	We strictly comply the rules guidelines under storage of hazardous chemicals and transportation of hazardous chemicals.
(k)	The company shall undertake waste minimization measures as below- Metering and controls of quantities of active ingredients to, minimize waste. Reuse of by-products from the process as raw material substitutes in other processes. Use of automated filling to minimize spillage. Use of close feed system into batch reactors. Venting equipment through vapour recovery system. Use of high pressure hoses for equipment cleaning to reduce waste water generation.	Complied with. Applicable steps have been taken to minimize waste generation as below:- We have done metering of all required points and control major to minimize waste. Slop obtained from MEE plant is being re used as fuel in incineration boiler. Control measures done to minimize spillage. We have installed close feed system in all tanks. We have installed such venting equipment. We are using Hydro jet pumps for cleaning to reduce waste water generation.

(l)	The green belt of 5-10 m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of the plant species shall be as per the CPCB guidelines in consultation with state forest Department.	The green belt development work is under progress as per CPCB guidelines at more than 33% area of total project area. We have planted more than 1500 saplings in the first year itself as per acting plan mentioned below-																																			
		<table border="1"> <thead> <tr> <th data-bbox="722 499 805 600">Sr. No</th> <th data-bbox="805 499 970 600">Planning Schedule</th> <th data-bbox="970 499 1098 600">No. of Saplings</th> <th data-bbox="1098 499 1246 600">Area (Ha.)</th> <th data-bbox="1246 499 1444 600">Width of green belt</th> </tr> </thead> <tbody> <tr> <td data-bbox="722 600 805 658">1.</td> <td data-bbox="805 600 970 658">1st Year</td> <td data-bbox="970 600 1098 658">1500</td> <td data-bbox="1098 600 1246 658">1.0</td> <td data-bbox="1246 600 1444 658">5 m</td> </tr> <tr> <td data-bbox="722 658 805 716">2.</td> <td data-bbox="805 658 970 716">2nd Year</td> <td data-bbox="970 658 1098 716">1500</td> <td data-bbox="1098 658 1246 716">1.0</td> <td data-bbox="1246 658 1444 716">5 m</td> </tr> <tr> <td data-bbox="722 716 805 775">3.</td> <td data-bbox="805 716 970 775">3rd Year</td> <td data-bbox="970 716 1098 775">1500</td> <td data-bbox="1098 716 1246 775">1.0</td> <td data-bbox="1246 716 1444 775">5 m</td> </tr> <tr> <td data-bbox="722 775 805 833">4.</td> <td data-bbox="805 775 970 833">4th Year</td> <td data-bbox="970 775 1098 833">1500</td> <td data-bbox="1098 775 1246 833">1.0</td> <td data-bbox="1246 775 1444 833">5 m</td> </tr> <tr> <td data-bbox="722 833 805 891">5.</td> <td data-bbox="805 833 970 891">5th Year</td> <td data-bbox="970 833 1098 891">750</td> <td data-bbox="1098 833 1246 891">0.5</td> <td data-bbox="1246 833 1444 891">5 m</td> </tr> <tr> <td colspan="2"></td> <td data-bbox="970 891 1098 949">6750</td> <td data-bbox="1098 891 1246 949">4.5</td> <td></td> </tr> </tbody> </table>	Sr. No	Planning Schedule	No. of Saplings	Area (Ha.)	Width of green belt	1.	1st Year	1500	1.0	5 m	2.	2nd Year	1500	1.0	5 m	3.	3rd Year	1500	1.0	5 m	4.	4th Year	1500	1.0	5 m	5.	5th Year	750	0.5	5 m			6750	4.5	
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(m)	All the commitments made regarding issues raised during the public hearing/consultation meeting shall be satisfactorily implemented.	Issues raised during the public hearing/consultation meeting are being implemented.																																			
(n)	At 2 % of total project cost shall be allocated for corporate Environment Responsibility (CER) and item-wise details along with the bound acting plan shall be prepared and submitted to the ministry's Regional Office.	Company is implementing CSR activity through Dalmia Bharat Foundation and already planned to spent more than Rs. 30 lakh on various activities like water conservation, electricity conservation, soil conservation, drip irrigation, skill development, Sanitation and drinking water etc. Expenses details are enclosed herewith.																																			
(o)	For the DC sets, emission limits and the stack height shall be in conformity with the extant regulations and the CPCB guidelines. Acoustic enclosures shall be for the controlling	We have not installed DG sets in our unit because we are generating Electricity from our power turbine.																																			

	noise pollution.	
(p)	The unit shall make the arrangement for protection of possible fires hazards during manufacturing process in material handling. Fire fighting systems shall be as per the norms.	Automatic Fire hydrant systems has been installed and portable Fire Extinguishers are kept as per norms.
(q)	Occupational health surveillance for the workers shall be done on a regular basis and records maintained as per the Factory Act.	Occupational health surveillance conducting for 57 employees of unit during April,2023 to September,2023 indicates that none of the individual is suffering from any infectious diseases. Report attached as Annex.-2
(r)	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 of public places.	We have suffering space for vehicle of materials and finished products inside the premises.
(s)	Storage of raw materials shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.	To prevent dust pollution and other fugitive emissions; 99% raw materials will be used through covered conveying system or pipelines. Small quantity are kept in locked and covered drums.
(t)	Continuous online (24X7) monitoring systems for the stacks 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	Continuous online (24X7) monitoring system for stack emission has been installed for measurement of flue gas discharge and the pollutants concentration, and the data are being transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent, the unit had installed web camera with night vision capability and flow meters in the pipeline carrying effluent within the premises.

	effluent within the premises.	
(u)	CO2 generated from the process shall be bottled and sold to authorized vendors.	We are planning and exploring possibilities for the same.
10.1	Other generic Conditions	We strictly adhere to the stipulations made by U.P. Pollution control board and state Government.
(i)	The project authorities must strictly adhere to the stipulations made by the State pollution Control Board (SPCB), State Government and/or any other statutory authority.	
(ii)	No further expansion or modifications in the plants shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change. In the case of deviations or alterations in the projects proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Desire approval will be taken prior to further expansion or modification.
(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 stations each is installed in the upwind and downwind direction as well as where maximum ground level	Ambient air monitoring stations have already been set up to monitor air quality. We have conducted Advanced Environment Testing & Research Lab P. Ltd. New Delhi through Eco Tech Corporation Shahjahanpur for monitoring of Air Ambient quality, Effluent analysis.

	concentrations are anticipated.	
(iv)	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with.	For National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E)dated 16th November, 2009 are being complied with Monitoring report attach as Annexure-1 (III)
(v)	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.75dBA (day time) and 70 dBA (night time).	For noise control, we have installed silence and acoustic enclosures on all sources of noise generation Maintained within limit. Reports attach as- Annexure -1(II)
(vi)	The company shall harvest rainwater from the roof tops of the buildings and storms water drains to recharge the ground water and utilize the same for different industrial operations within the plants.	Rain water from the roof tops of the building is being stored in storage tanks and used the same water for the process activities of the project to conserve fresh water. We have also adopted ponds for natural recharge.
(vii)	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre- employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	Complied with. Periodic training to all employees on safety & health aspects is prepared & implementing under the supervision of safety Committee. Periodical medical examination of employees is being carried out half-yearly. (Details attached)

(viii)	The company shall comply with all the environment 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, risk mitigation measures and public hearing shall be implemented.	All the environmental protection measures and safe guards of E.I.A./E.M.P. report are being followed accordingly.
(ix)	The company shall undertake all measures for improving socio-economic conditions of the surrounding area. CSR activities shall be undertaken by involving local villagers, administration and other stake holders. Also eco-developmental measures shall be undertaken for overall improvement of the environment.	We are running activities in different near by villages, the activities include, sanitation, Education, Drinking water facilities etc. Annexure-4 attached.
(x)	A separate Environmental Management Cell equipped with full- fledged laboratory facilities shall be sent up to carry out the Environmental Management and Monitoring functions.	Environment Management cell having 10 members working accordingly and laboratory have been setup to control Environmental parameters. Annexure-6
(xi)	The company shall earmark sufficient funds towards capital cost and recurring cost per annual 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	Provision of funds as capital cost-Rs-10.00 Crore. Investing capital cost Rs-5.0 Crore. Recurring expenditure done to implement the conditions of MoEF & State Government. Rs-10.0 Lakh.

110 KLPD Distillery Unit at Village Kuiyan in District Shahjahanpur in Uttar Pradesh

Half Yearly Compliance Report

	stipulated herein. The funds so earmarked for environment/pollution control measures shall not be diverted for any other purpose.	
(xii)	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parishad / Municipal Corporation, Urban local body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal.	A copy of the clearance letter has been sent to block levels panchayat Samiti.
(xiii)	The project proponent shall also submit six monthly reports on the status of compliance of the 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 & SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of company.	Compliance Report along with monitoring data are being submitted accordingly.
(xiv)	The environmental statement for each financial year ending 31st March in Form-V as in 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	Environmental Statement for the financial year ending 31st March,2023 is submitted on 29.05.2023 and copy of same is attached Annexe-3

	the company along with the status of compliance of Environment Clearance and shall also be sent to the respective Regional offices of MoEF & CC by e-mail.	
(xv)	The project proponent shall inform the public that the project has been accorded environmental Clearance by the Ministry and the copies of the Clearance letter are available with the SPCB/Committee and may also be sent at website of the Ministry at http://moef.nic.in . This shall be advertised within seven days from the date of issue of the clearance letter, at least 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 at the same shall be forwarded to the concerned Regional office of the Ministry.	We have already published the according of Environmental Clearance in local Newspapers. Hindustan Times on dated 06.06.2018 and Rashtriya Sahara on 05.06.2018.


 Signature & Séal

Advanced Environmental Testing And Research Lab P. Ltd.



CIN : U73100MP2002PTC015352

GSTIN : 23AAECA9188L1Z8

Approved : by Bureau of International Quality Standards (ISO 45001:2018)

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

Gwallor-474 011 M.P., India

Ph.: 0751 - 223 2177

Email. aelgwallor@gmail.com, aetrcenter@gmail.com, aetrl2016@gmail.com, www.aetrl.com



TEST REPORT

Company Name: DalmiaBharat Sugar and Industries Ltd.

Distillery Unit- Nigohi

Address: Vill- Kuiyan Po.- Areli ,Shahjahanpur, UP

Nature of Sample: Flue gas emission of Boiler

Location Point : BOILER STACK

Stack Height: 65.0 Mtr.

Type of fuel used : Bagasse/Spent Wash

Height of Sampling Location:25.0 Mtr.

Capacity : 24.0 Ton

Date of Issue:30.07.2023

Monitoring Date :24.07.2023

Sampling Done By: Sampling Staff

Lab. ref. No: AETRL/250723ST0001

Diameter of Stack:2.5Mtr.

Pollution Control Devices : ESP

Material of Construction :RCC

PHYSICAL OBSERVATIONS

Ambient temperature $^{\circ}\text{C}$: 36.0
Flue gas temperature $^{\circ}\text{C}$: 120.0
Velocity of flue gas m/s : 14.98
Sampling flow rate (LPM) : 13.79

TEST RESULT

S.No.	Parameter	Pollutant Concentration (on the bases of 12 % CO ₂)	Limits
1	Particulate Matter mg/Nm ³	93.71	150
2	Sulpher Dioxide (SO ₂) mg/Nm ³	14.34	NOT SPECIFIED
3	Oxides of Nitrogen (NO ₂) mg/Nm ³	09.01	NOT SPECIFIED

Authorized Signatory



CIN : U73100MP2002PTC016362

GSTIN : 23AAAC051881173

Approved : by Bureau of International Quality Standards (ISO 45001:2018)

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

Gwalior-474 011 M.P., India

Ph.: 0751 - 223 2477

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TEST REPORT

Company Name: Dalmia Bharat Sugar and Industries Ltd.

Date of Issue: 30.07.2023

Distillery Unit- Nigohi

Address: Vill- Kuiyan Po.- Areli, Shahjahanpur, UP

Monitoring Date : 24.07.2023

Nature of Sample: Noise Monitoring

Sampling Done By: Sampling Staff

monitoring Duration :24 Hrs

Lab. ref. No: AETRL/250723N0001

TEST RESULT

S.No.	Location	Noise Level in dB(A)	
		Day	Night
1.	Near Evaporator	65.2	64.3
2.	Near Distillation	68.1	67.1

Noise Work area- Factory Act-1948

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

Ambient Noise Standards

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

*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: PCLSI/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.

Authorized Signatory



CIN : U73100MP2002PTC015352

GSTIN : 23AAECA9188L1Z8

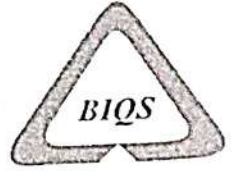
Approved : by Bureau of International Quality Standards (ISO 45001:2018)

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

Gwallor-474 011 M.P., India

Ph.: 0751 - 223 2177

Email, aelgwallor@gmail.com, aetrcenter@gmail.com, aetri2016@gmail.com, www.aetri.com



TEST REPORT

Company Name: Dalmia Bharat Sugar and Industries Ltd.

Date of Issue: 30.07.2023

Distillery Unit- Nigohi

Address: Vill- Kuiyan Po.- Areli ,Shahjahanpur, UP

Monitoring Date : 24.07.2023

Nature of Sample: Ambient Air Monitoring

Qty of sample: 30ml

Lab. ref. No: AETRL/250723A0001

Sample bottle: Plastic packing

Sample Location: Near Admin Block

Sampling Done By: Sampling Staff

Sampling Duration: 24 Hrs

Equipment used: Respirable 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	12.68	80/Day
2.	Nitrogen Dioxide (NO ₂)	IS 5182:Part6:2006	µg/m ³	14.76	80/Day
3.	Particulate matter (less than 10 µm)	IS 5182:Part23:2006	µg/m ³	51.02	100/Day
4.	Particulate matter (less than 2.5 µm)	USEPA CFR40 (50), Appendix L	µg/m ³	09.67	60/Day
5.	Ozone (O ₃)	IS 5182:Part9:1974	µg/m ³	7.35	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	0.22	02/8*Hours
8.	Ammonia (NH ₃)	APHA 401 (Indophenol)	µg/m ³	8.24	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	0.30	20/Annual

Authorized Signatory



CIN : U73100MP2002PTC015352

GSTIN : 23AAECA9188L1Z8

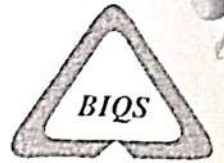
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TEST REPORT

Company Name: Dalmia Bharat Sugar and Industries Ltd.

Date of Issue: 30.07.2023

Distillery Unit- Nigohi

Address: Vill- Kuiyan Po.- Areli, Shahjahanpur, UP

Monitoring Date : 24.07.2023

Nature of Sample: Ambient Air Monitoring

Qty of sample: 30ml

Lab. ref. No: AETRL/250723A0002

Sample bottle: Plastic packing

Sample Location: Near Distillation

Sampling Duration: 24 Hrs

Sampling Done By: Sampling Staff

Equipment used: Respirable 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	18.89	80/Day
2.	Nitrogen Dioxide (NO ₂)	IS 5182:Part6:2006	µg/m ³	16.23	80/Day
3.	Particulate matter (less than 10 µm)	IS 5182:Part23:2006	µg/m ³	54.29	100/Day
4.	Particulate matter (less than 2.5 µm)	USEPA CFR40 (50), Appendix L	µg/m ³	12.74	60/Day
5.	Ozone (O ₃)	IS 5182:Part9:1974	µg/m ³	8.67	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	0.32	02/8*Hours
8.	Ammonia (NH ₃)	APHA 401 (Indophenol)	µg/m ³	8.6	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	0.32	20/Annual

Authorized Signatory

Subject to terms & Condition Overleaf

Ameyner 2

Dalmla Bharat Sugar & Industries Ltd. Nigohi Distillery, Shahjhanpur
Health Surveillance Report Year 2023-24 (April-23 to Sept-23)

Sr.No	E Code	Employee Name	Father Name	Designation	Date of Birth	Date of Joining	Medical Report	Remark
1	0008650	Narendra Singh Rawat	S/O D. S. RAWAT	Distillery Head	15/04/1979	25/12/2017	Medical Test Report Found OK	Examination conducted Vision, Chest, Spleen Liver, Skin, Blood Sugar, Blood Pressure, Personal Hygiene
2	1029912	Amit Kumar	Ramkishore .	Deputy Manager	7/Jun/1981	1/Apr/2021	Medical Test Report Found OK	
3	1031190	Amit Sharma	Devkumar Sharma	Deputy Manager	15/Jul/1992	21/Jul/2021	Medical Test Report Found OK	
4	0009796	Mukesh Singh Chauhan	S/O NATTHU SINGH CHAUHAN	Asstt Manager	07/06/1980	03/08/2019	Medical Test Report Found OK	
5	10005815	Mahesh Kumar Gangwar	Beche Lal Gangwar	Warehouse Clerk	21/Mar/1987	27/May/2021	Medical Test Report Found OK	
6	400052	Ajay Kumar Sharma	S/O SURAJ PAL SHARMA	Warehouse Operator	03/05/1970	26/12/2019	Medical Test Report Found OK	
7	10006182	Ajayraj Raghuvanshi	Surendra Singh	Warehouse Operator	30/Aug/1990	1/Oct/2022	Medical Test Report Found OK	
8	1041201	Abhay Kumar Srivastava	Pramod Kumar Srivastava	Sr. Shift Chemist	2/Jul/1984	15/Mar/2023	Medical Test Report Found OK	
9	1041239	Ismrit Pandey	Virendra Kumar Pandey	Sr. Shift Chemist	11/Aug/1998	15/Mar/2023	Medical Test Report Found OK	
10	400062	Manmohan Singh	S/O SHIVCHANDRA SINGH	Shift Incharge	10/07/1991	12/03/2020	Medical Test Report Found OK	
11	0010033	Anuj Yadav	S/O MAHESH CHAND YADAV	Shift Chemist	16/11/1985	17/10/2019	Medical Test Report Found OK	
12	0010159	Shivam Pandey	S/O SHIV BAHADUR PANDEY	Shift Chemist	08/10/1998	07/12/2019	Medical Test Report Found OK	
13	0010160	Jai Bharat Singh	S/O RAM MOHAN SINGH	Shift Chemist	08/09/1991	07/12/2019	Medical Test Report Found OK	
14	0010272	Ajay Kumar Gautam	S/O LATE SHYAM LAL	shift Engineer	01-06-1982	15-01-2020	Medical Test Report Found OK	
15	400002	Bhupendra Kumar	S/O SUNDER LAL VERMA	Distillation Operator	03/07/1984	05/09/2018	Medical Test Report Found OK	

Solo/2023
M. J. M.

Examination conducted Vision, Chest, Spleen Liver, Skin, Blood Sugar, Blood Pressure, Personal Hygiene

16	10005813	Satendra Yadav	Heera Lal Yadav	Distillation Operator	6/May/1992	18/May/2021	Medical Test Report Found OK
17	10005840	Anuj	Jai Beer	Distillation Operator	4/Nov/1996	14/Aug/2021	Medical Test Report Found OK
18	10006005	Anil Kumar	Pavan Kumar	Distillation Operator	10/Dec/1993	28/Dec/2021	Medical Test Report Found OK
19	10006050	Sanjay Kumar	Suresh Kumar	Distillation Operator	18/Jun/1990	13/Apr/2022	Medical Test Report Found OK
20	10006099	Nand Lal Maurya	Tameshwar Maurya	Distillation Operator	17/Jul/1980	9/Jun/2022	Medical Test Report Found OK
21	10006161	Anshuman Pandey	Dev Sharma Pandey	Distillation Operator	1/Jul/1995	5/Sep/2022	Medical Test Report Found OK
22	400004	Anuj Kumar	S/O RAM PRATAP	Fermentation Operator	30/12/1989	07/09/2018	Medical Test Report Found OK
23	10005841	Arvind Singh Rawat	Matwar Singh	Fermentation Operator	28/Jul/1992	14/Aug/2021	Medical Test Report Found OK
24	10005842	Prabhat Babu	Dharmendra	Fermentation Operator	10/Jul/1997	14/Aug/2021	Medical Test Report Found OK
25	10006330	Jagdish Prasad	Ganesh Prasad	Fermentation Operator	22/Jul/1975	19/Dec/2022	Medical Test Report Found OK
25	10006086	Yash Kumar	Kailu Singh	Fermentation Helper	1/Jun/1999	9/May/2022	Medical Test Report Found OK
27	400013	Govind Singh	S/O JAIVEER SINGH	Fermentation Helper	11/1/1987	2/28/2007	Medical Test Report Found OK
28	400007	BANWARI LAL	S/O SHRI SHIVRAM	Molasses Pumpman	10/07/1969	19/10/1994	Medical Test Report Found OK
29	400008	RAM BHAJAN	S/O GANGU	Molasses Pumpman	11/03/1975	18/01/1995	Medical Test Report Found OK
30	400001	Prem Pal	S/O RAM RATAN	SENIOR ELECTRICIAN	15/03/1972	20/08/2018	Medical Test Report Found OK
31	400039	Narendra Kumar Tiwari	S/O R P TIWARI	Electrician	05/07/1980	28/11/2019	Medical Test Report Found OK
32	10005630	Deepak Kumar	Virendra Pal Singh	Electrician	6-Jun-88	15-Sep-20	Medical Test Report Found OK

Examination conducted Vision, Chest, Spleen
Liver, Skin, Blood Sugar, Blood Pressure,
Personal Hygiene

30/09/2023
M. K. Sharma

33	400005	Dheeraj Gupta	S/O SUSHIL KUMAR GUPTA	Electrician Helper	12/07/1978	01/02/1995	Medical Test Report Found OK
34	10005624	Indrajeet Kumar	Pramod Kumar Singh	INSTRUMENT TECHNICIAN	15-Feb-89	24-Aug-20	Medical Test Report Found OK
35	10004636	Kamlesh Kumar	Sh.Prabhu Nath Ram	INSTRUMENT TECHNICIAN	7/feb/1983	1/Oct/2020	Medical Test Report Found OK
36	400026	Narendra Pal	S/O NANHE LAL	INSTRUMENT TECHNICIAN	15/03/1987	22/10/2018	Medical Test Report Found OK
37	0009294	Ashu Chauhan	S/O DEVRAJ SINGH	DCS Engineer	03/04/1991	08/09/2018	Medical Test Report Found OK
38	400015	Harindra Dwivedi	S/O SATYAPRIYA DWIVEDI	Auxiliary Operator	26/03/1968	31/10/2006	Medical Test Report Found OK
39	400016	Sandeep Kumar Srivastava	S/O M.L.SRIVASTAVA	Auxiliary Operator	07/06/1982	13/08/2007	Medical Test Report Found OK
40	400017	Sarvesh Kumar Kashyap	S/O RAM NATH KASHYAP	Auxiliary Operator	04/02/1977	27/02/2007	Medical Test Report Found OK
41	400021	Devrat Singh	S/O OMPRAKASH SINGH	TURBINE OPERATOR	01/04/1986	11/10/2018	Medical Test Report Found OK
42	400022	Om Prakash Yadav	S/O RAM TAPESHWAR YADAV	TURBINE OPERATOR	04/03/1985	15/10/2018	Medical Test Report Found OK
43	10006082	Ramesh Chandra	Iswari Lal	TURBINE OPERATOR	4/Sep/1974	29/Apr/2022	Medical Test Report Found OK
44	400029	Ravi Kumar Vishwakarma	S/O AWADH BIHARI	BOILER ATTENDANT	17/09/1972	12/11/2018	Medical Test Report Found OK
45	400036	Balendra Kumar	S/O SHAROI SINGH	Senior Boiler Attendant	19/02/1982	01/11/2019	Medical Test Report Found OK
46	400038	Upendra Kumar Gupta	S/O MEVALAL SHAH	BOILER ATTENDANT	31/01/1984	27/11/2019	Medical Test Report Found OK
47	400041	Arun Kumar	S/O JAGVEER SINGH	CPU Operator	02/07/1980	26/12/2019	Medical Test Report Found OK
48	400054	Virendra Kumar	S/O CHARAN SINGH	CPU Operator	01/07/1987	26/12/2019	Medical Test Report Found OK

Examination conducted Vision, Chest, Spleen
Liver, Skin, Blood Sugar, Blood Pressure,
Personal Hygiene

Sd/- 2023
M. V. S.

Dr. ...
...

49	10006020	Adarsh Kumar	Munendra Pal	CPU Operator	15/Jan/1988	27/Jan/2022	Medical Test Report Found OK
50	400047	Durvesh Kumar Verma	S/O SOHAN LAL VERMA	SENIOR FITTER	15/12/1967	26/12/2019	Medical Test Report Found OK
51	400050	Ravindra Yadav	S/O RAMAKANT YADAV	FITTER	18/05/1980	26/12/2019	Medical Test Report Found OK
52	10006346	Bal Krishna Pandey	Yogendra Pandey	FITTER	20/Oct/1985	6/Feb/2023	Medical Test Report Found OK
53	400049	Ramshankar Kushwaha	S/O RAMDEV KUSHWAHA	WELDER	03/07/1989	26/12/2019	Medical Test Report Found OK
54	400046	Shambhu Prasad Gupta	S/O OM PRAKASH GUPTA	FIREMAN	01/03/1976	26/12/2019	Medical Test Report Found OK
55	10006240	Prashant Kumar	Vinay Kumar	FIREMAN	2/Aug/1999	9/Nov/2022	Medical Test Report Found OK
56	10006328	Gyanendra Pratap Singh	Virendra Bahadur Singh	FIREMAN	5/Nov/1980	7/Dec/2022	Medical Test Report Found OK
57	1033247	Chetanya Prakash	RoopChandra .	Executive Trainee	9/Sec/1999	1/Dec/2021	Medical Test Report Found OK

Examination conducted Vision, Chest, Spleen
Liver, Skin, Blood Sugar, Blood Pressure,
Personal Hygiene

30/09/2023

Mohesh .

Dr. Mahesh Gujjar
Reg. No. 85719

Datta Babu Pathan
Reg. No. 85719



Dalmia
Bharat Sugar

newthink! cement! sugar! refractories! power!

DBSIL/DISTILLERY/EHS/2023/52

11 May 2023

Chief Environmental Officer
U.P. Pollution Control Board,
T.C.-12 V, Vibhuti Khand, Gomti Nagar
LUCKNOW - 226 010

Sub: Environmental Statement 2022-23

Dear Sir,

As per Environment (Protection) Rule No.14 (Amended) of the Environment (Protection) Act 1986, the Environmental statement for the financial year 2022-23 is submitted herewith to fulfill the requirement of the rule.

This is for your kind information please.

Thanking you,

Yours faithfully

For DALMIA BHARAT SUGAR & INDUSTRIES LTD.
Distillery Unit - Nigohi


(Authorized Signatory)

 Cc: The Regional Officer, UPPCB, Rajendra Nagar, Bareilly.

Encl: As above



Dalmia Bharat Sugar & Industries Ltd.
Distillery Unit - HIGONI, SHAMBAHAMPUR (O.P.)

FORM - V
(See Rule-14)

ENVIRONMENTAL STATEMENT

for

THE FINANCIAL YEAR ending
31ST MARCH, 2023

ENVIRONMENTAL STATEMENT

For

THE FINANCIAL YEAR 2022-2023
(1st April, 2022 to 31st March, 2023)


For

Dalmia Bharat Sugar & Industries Ltd.
Distillery Unit
Village - Kalyan Post - Aroli
District - SHAHJAHANPUR (U.P.)

11.05.2023

TO WHOM IT MAY CONCERN

This is to certify that the environmental statement for the financial year 2022-23 is as per requirement under environment (Protection) Rule-14 of Environment (Protection) Act, 1986. The data of the factory given as per the State Excise records.

 *K. K. K.*
(Authorized Signatory)

CONTENTS

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Sl. No.	Particulars	Pages
1	CERTIFICATE	1-3
2	NOTIFICATION	4
3	PART 'A'	5
4	PART 'B'	6
5	PART 'C'	7
6	PART 'D'	8
7	PART 'E'	9
8	PART 'F'	10
9	PART 'G'	11
10	PART 'H'	12
11	PART 'I'	

Government of India
Ministry of Environment and Forest

NOTIFICATION

No. G.S.R 95(E) dated February 12, 1992 published in the Gazette of India, Extra-ordinary Part-II Section 3(i) dated 12th February 1992, page 2 (No.Q-14011 (I) 90-CPA).

In exercise of the powers conferred by Section - 6 and 25 of the Environment (Protection) Act, 1986 (29 of 1986) the Central Government hereby makes the following rules further to amend the Environment (Protection) Rules, 1986, namely:

- 1 (i) These rules may be called the Environment (Protection) Amendment Rules 1992.
 - (ii) They shall come into force on the date of their publication in the official Gazette.
2. In Rule 3 of the Environment (Protection) Rules, 1986 after sub-rule(5), the following sub-rule shall be added, namely:
- (6) Notwithstanding anything contained in sub-rule (3), an industry, operation process which has commenced production on or before 16th May, 1981 and has shown adequate proof of at least commencement of physical work for establishment of facilities to meet the specified standards within a time bound programme, to the satisfaction of the concerned State Pollution Control Board, shall comply with such standards latest by the 30th day of September 1993.
 - (7) Notwithstanding anything contained in sub rule (3) or sub-rule (6), an industry, operation or process which has commenced production after the 16th day of May, 1991 but before 31st Day of December, 1991 and has shown adequate proof of facilities to meet the specified standard within a time bound programme, to the satisfaction of the concerned State Pollution Control Board, shall comply with such standards latest by 31st day of December 1992.

NOTIFICATION

No. G.S.R 329(E), dated March 13, 1992, published in the Gazette of India, Extra-ordinary part II, Section 3(i), dated 13th March, 1992, Sl. No. 120, page 3 & 4 (F.No. Q-415015/1/90-CPA).

In exercise of the powers conferred by sections 6 & 25 of the Environment (Protection) Act, 1986 (29 of 1986), the Central Government hereby makes the following rules further to amend the Environment (Protection) Rules, 1986, namely:

- 1 (i) These rules may be called the Environment (Protection) (Second Amendment) Rules, 1992.
 - (ii) They shall come into force on the date of their publication in the official Gazette.
2. In the Environment (Protection) Rules, 1986, after 13 the following rule shall be inserted namely:

14. Submission of Environment Audit Report:

Every person carrying on an industry, operation or process requiring consent under Section 25 of the Water (Prevention and Control of Pollution) Act, 1974 (6 of 1974) or under section 21 of the Air (Prevention and Control of Pollution) Act, 1981 (14 of 1981) or both or authorization under the Hazardous waste (Management and Handling) Rules, 1989 issued under the Environmental Audit Report for the financial year ending the 31st March in form-V to concerned State Pollution Control Board on or before the 15th of May every year beginning 1993.

Government of India
Ministry of Environment and Forest

NOTIFICATION

(No. C.S.R. 329(E))

In exercise of the powers conferred by Sections 6 and 25 of the Environment (Protection) Act, 1986 (29 of 1986), the Central Government hereby makes the following rules further to amend the Environment (Protection) Rules, 1986, namely:

1. (i) These rules may be called the Environment (Protection) (Amendment) Rules, 1993.
(ii) They shall come into force on the date of their publication in the official Gazette.
2. In the Environment (Protection) Rules, 1986.
 - a) In Rules 14
 - (i) For the word Audit Report whenever they occur, the word statement shall be substituted.
 - (ii) For the figure letters and word "15th Day of May" the word "THIRTIETH" day of "SEPTEMBER" shall be substituted.

Part – A

- 1 Name and address of owner/occupier of Industry Operation of Process. : Shri Kuldeep Kumar
Dy. Executive Director
Dalmia Bharat Sugar & Industries Ltd.
Distillery Unit - Nigohi,
District - SHAHJAHANPUR (U.P)
- 2 Industry Category : Secondary
- 3 Production capacity : 110 KL/day
- 4 Year of Establishment : 2018
- 5 Date of last environmental statement submitted. : 11.05.2022

Part – B

Water and Raw Material Consumption

Total Water Consumption	: 268.80	KL/day
• For Process	: 181.10	KL/day
• For Cooling	: 85.20	KL/day
• For Domestic	: 2.50	KL/day

Process Water Consumption per unit product output

Name of Product	During the previous financial year (2021-22)	During the previous financial year (2022-23)
Industrial Alcohol	3.16 KL / KL of Product	2.72 KL / KL of Product

Raw Material Consumption

Name of Material	Name of Product	During the previous financial year (2021-22)	During the previous financial year (2022-23)
Molasses/Cane juice Syrup	Industrial Alcohol	3.09 T / KL of Product	3.208 T / KL of Product

Part-C

Pollutants Discharged to Environment per unit of output

Pollutants	Quantity Pollutants in Discharge (Mass/Day)	Concentration Pollutants in discharge (mass/volume)	PerCent Variation from Presc. Standard with reason.
A) Water		Zero Discharge	
- BOD	Nil.....	
- COD	Nil.....	
- TSS	Nil.....	
Effluent water which is generated through the process has been passed through Multi Effect Evaporator and CPU.			
B) Air			
Stack Emission - Industry has installed incineration boiler. Boiler attached with E.S.P. to meet out the emission norms of U.P. Pollution Control Board.			

Part-D

Hazardous Waste

(As specified under Hazardous wastes {Management} and Handling Rules, 1989)

Sl. No.	Hazardous Wastes	During the previous financial year (2021-22)	During the current financial year (2022-23)
1	From Process	Nil	Nil
2	From Pollution Control Facilities	Slop - 49400.00 MT FlyAsh -13058.58 MT	Slop - 59713.00 MT FlyAsh -7861.50 MT

Note: Sludge or ash if used as land filler / manure / conditioners do not fall under the categories of Hazardous Waste vide notification No. 405 dated July 28th 1989, published in the Gazette of India, Part II, Section3, Sub Section (II).

Part-E

Solid Wastes

Sl. No.	Solid Wastes	During the current financial year (2022-23)
A	Process	Nil
B	From Pollution Control Facility	
	- Fly Ash	7861.5 MT
	- Slop	59713.00 MT
C	1) Quantity Recycled or re-utilized within the Unit	All
	2) Sold Sludge	All (utilized as manure / soil conditioner)
	3) Disposed Fly Ash	Disposed and given to farmers as manure
	4) Sludge	Sludge is disposed / given to farmers / cane growers .

Effluent water which is generated through the process has been passed through CPU & RO, Multi Effect Evaporator. It assures the zero discharge.

Part-F

Please specify the characterization (in terms of composition and quantum) of Hazardous as well as solid wastes and indicate disposal practices adopted for both categories of wastes.

1. Fly Ash:

Incineration Boiler is installed. Fly ash is used for manufacturing of

2. Slop:

It is generated from process. It assures the zero-discharge by manufacturing of organic manure. The sludge is neither toxic nor hazardous but has good manorial value.

Part-G

Impact of the Pollution Abatement Measures taken on Conservation of Natural Resources and on the cost of Production.

Industry is operated under ZLD scheme in which, Distillation Plant is followed by Multi effect evaporator (FF body 3+1 and FC body 3+1 and one surface condensor) than Incineration Boiler for meeting its steam requirement and CPU plant (RO based) in Distillery Unit. Incineration Boiler is equipped with appropriate slop intake capacity and E.S.P. to meet out the emission norms of U.P. Pollution Control Board. to utilize entire quantity of spent wash. Hence it falls under zero discharge unit.

The investment made and measures taken for abatement of pollution in surrounding area. The cost of production is around 32 to 35 Rupees per KL of product. But it is not accountable in view of to support conservation of natural resources and to help maintaining surrounding area neat and clean.

Additional Measures / Investment Proposals for Environmental protection including abatement of pollution and its prevention.

Industry has already made required investment on installation of complete effluent treatment plant by installing Multi Effect Evaporator, Incineration Boiler for meeting its steam requirement and CPU plant (RO based) in Distillery Unit.

We have also arranged sufficient fund for the development of green belt and is being followed as per our action plan.

The Industry has installed capacity of production of 110 KL/day and we are investing considerable amount annually for operation and maintenance of existing systems to prevent & control pollution.

Apart from the above ,unit has constituted an environmental cell and which has been strengthening the activities and looking for all the matters related to environment.

Part-I

Any other Particular for improving the quality
of the Environment

Industry has an open view to accept any investment proposal in near future to adopt affordable and viable technique in the existing system to prevent and control pollution.

All the efforts have been made to minimize pollution through improvement in process and other industrial activities by recycling and re-use technique. The unit has maintained its status as zero discharge unit.

Industry has made all the specification concerned with Air, Water, Noise under Air Pollution Control & Prevention Act, 1981 and Water Pollution Control & Prevention Act, 1978.

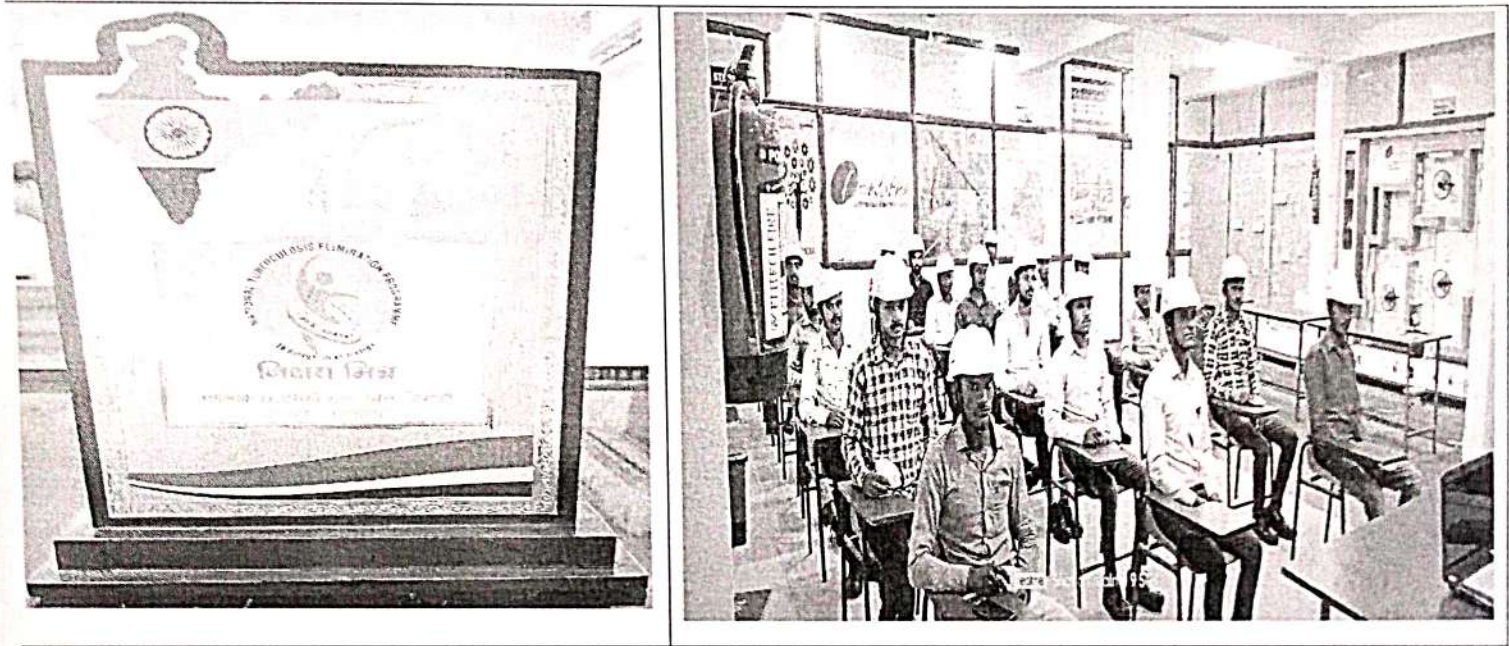
Preventive measures has been taken to keep the area pollution free either in form of noise / water / air well below as prescribed by U.P. Pollution Control Board and Central Pollution Control Board.

Dalmia Bharat Sugar and Industries Limited

Amex-4

Corporate Social Responsibility

CSR Activities from April to September 2023



CSR activities undertaken in FY 2022-23 by the Dalmia Bharat Sugar and Industries Limited (DBSIL), Unit- Nigohi, District- Shahjahanpur, 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 businesses 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").

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.

Dalmia Bharat Sugar and Industries Limited (DBSIL), Unit-Nigohi, District-Shahjahanpur, Uttar Pradesh, has undertaken several CSR activities in FY 2023-24. These activities are in line with the company's commitment to sustainable and inclusive growth, focusing on the triple bottom line of social, economic, and environmental impact. Here are the details of their CSR initiatives from April to September 2023.

1. Livelihood Skill Development:

A. Breed Improvement and Livestock Development with the partnership of BAIF NGO.

- Covered 85 villages.
- Benefited 8250 households/farmers.

Impact: Artificial Insemination.

- Number of Cows & Buffaloes Inseminated: 891.
- Number of Cows & Buffaloes Pregnant: 441.
- Number of Calves born: 145.

B. Skill Development Centre for Youth:

- Established 1 skill development centre.
- Benefited 480 youths.

Impact :

- 184 trainees completed their training at the Dalmia Institute of Knowledge and Skill Harnessing (DIKSHA).
- 120 trainees were still pursuing their training as of September 30, 2023.
- Over 79% of the passed trainees are gainfully employed with monthly incomes ranging between INR 6,000 and INR 12,000.

C. Self Help Group (SHG) Formation and Income Generation Activities (IGA):

- New SHGs formed 27 SHGs.
- Benefited 260 womens.

Impact :

- 59 SHG women completed their IGA trainings.
- Several women from SHGs started earning an additional income of INR 2000/- to 4000/- per month through various interventions facilitated by Dalmia Bharat Foundation and NRLM, a flagship project of the Ministry of Rural Development govt of India .

2. Social Infrastructure:

A. Handpump Installation:

- Installed 1 handpump.
- Benefited 1800 sugarcane farmers.

Impact:

Hand pumps provide reliable access to clean drinking water, improving health and reducing the need for long journey to collect water, thereby reducing the environmental impact of transportation.

Health
C
D (Sugar)

G. Health Initiative:

- Distributed 100 nutritional kits.
- Benefited 50 TB patients from Block Nigohi.

Impact:

- Adopted and provided care for 50 TB patients, with a commitment to supply nutritional support for six months starting from August 2023. Two months of distribution were completed by September 30, 2023.
- Received recognition as Nikshay Mitra for this initiative from the Chief Medical Officer (CMO) Shahjahanpur, in the presence of the District Magistrate and Jila Panchayat Adhyaksha at the Medical College, Shahjahanpur.

H. Livelihood Generation:

In this Quarter from July to September Dalmia Bharat Foundation (DBF) has initiated the Gram Parivartan project in alignment with the honorable Prime Minister's vision of "Doubling the Farmer's Income by 2022." The primary objective of this project is to make a significant positive impact at the grassroots level by facilitating the access of eligible beneficiaries to various government welfare schemes and development programs."

The project's approach is guided by the following key principles:

- **Ensure Last Mile Support:** The project places a strong emphasis on reaching the last mile, which means ensuring that the benefits of government schemes and programs reach the most remote and marginalized communities. This involves overcoming logistical challenges and barriers to ensure that no eligible beneficiary is left out.
- **Ensure Income Enhancement:** One of the central goals of the Gram Parivartan project is to contribute to the enhancement of the income of rural households. This is achieved by connecting these households with relevant government initiatives that focus on income generation, livelihood improvement, and agricultural development.
- **Ensure Mapping of 100% of the Households:** To effectively implement government schemes and programs, it is crucial to have a comprehensive understanding of the demographics and needs of each household in the target villages. The project aims to create a complete and accurate household database, ensuring that every household is accounted for and considered in the development process.

In summary, the Gram Parivartan project by DBF is designed to promote sustainable and holistic village development by ensuring that government resources and support reach the right beneficiaries at the grassroots level. It focuses on addressing the specific needs of rural households, enhancing their income, and leaving no household unaccounted for in the pursuit of inclusive and equitable development.

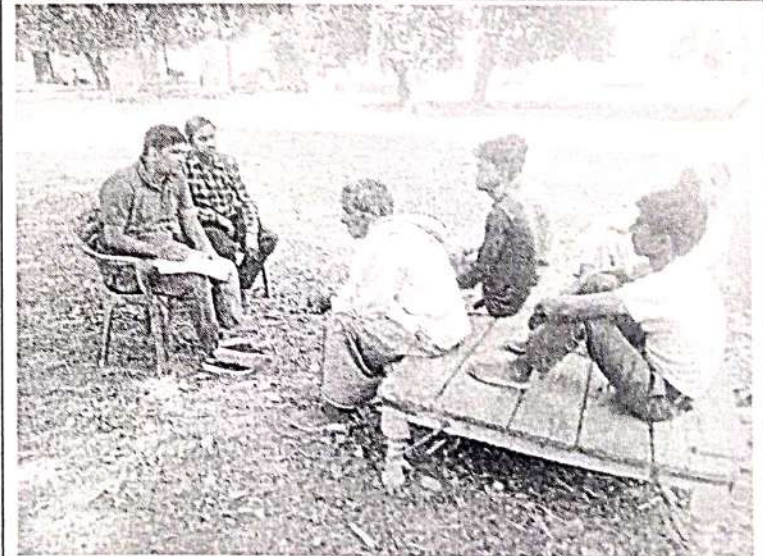
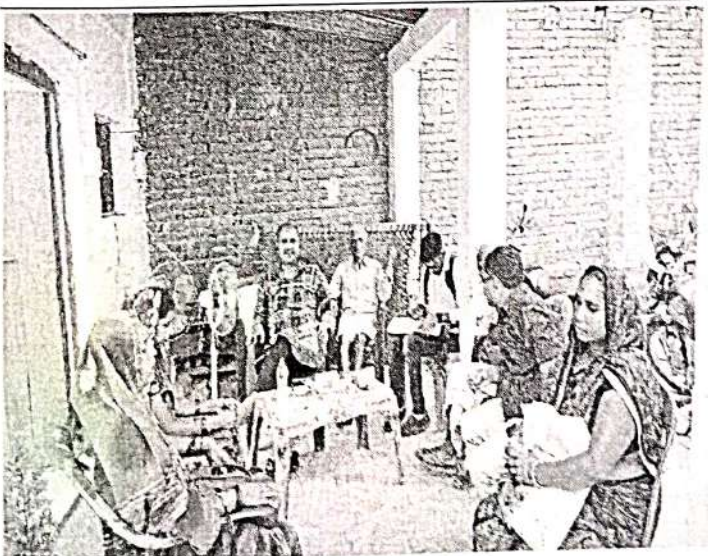
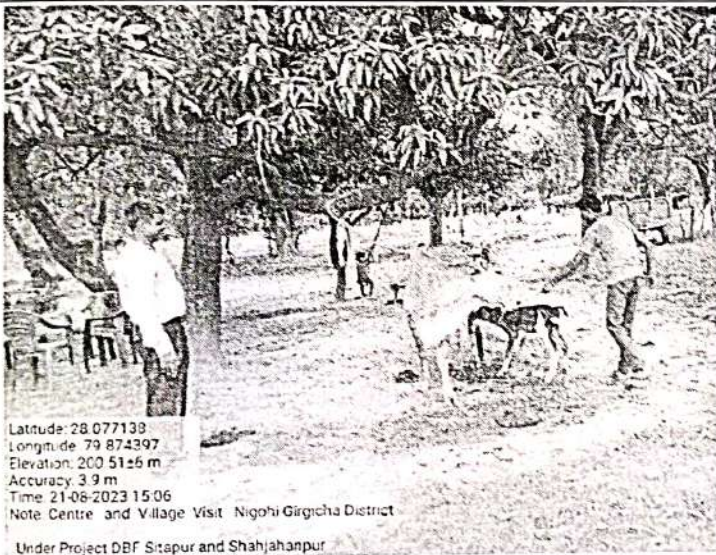
Under the initiatives of the Gram Parivartan Program team during the quarter work together with the Dist. industrial Centre and mobilized the 125 eligible candidates for the enrolment for the Benefits of the PM Vishwakarma Yojana

Under this initiatives candidate who will enrolled will get the following benefits

- **Training and Skill Enhancement:** Under the PM Vishwakarma Scheme, traditional artisans will receive an invaluable opportunity to enhance their skills through a comprehensive 6-day training program. This training is tailored to the specific needs of carpenters, tailors, basket weavers, barbers, goldsmiths, blacksmiths, potters, confectioners, cobblers, and others, empowering them with advanced techniques and knowledge.
- **Financial Support:** The PM Vishwakarma scheme goes beyond training by offering substantial financial assistance ranging from Rs 10,000 to Rs 10 lakh. This monetary aid enables beneficiaries to kick start their endeavors and expand their businesses, resulting in improved livelihoods.
- **Employment Opportunities:** The PM Vishwakarma Scheme is a catalyst for creating employment avenues. It aims to generate employment for approximately 15,000 individuals annually, fostering economic growth and stability.
- **Online Application Process:** Aspiring beneficiaries can easily access the scheme by applying online. This user-friendly approach simplifies the application process and ensures that deserving candidates can readily avail themselves of the scheme's benefits.
- **Full Cost Coverage:** The state government takes on the responsibility of covering the entire cost of various training programs under the Vishwakarma Scheme. This ensures that artisans can receive high-quality training without any financial burden.

These CSR activities reflect DBSIL's commitment to the well-being and development of the local community, focusing on livelihood enhancement, skill development, social infrastructure improvement, and healthcare support. These initiatives contribute to the company's broader goal of creating shared value for all stakeholders while promoting sustainable and inclusive growth.

Photographs:





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: NOC039831

VALID UP TO : 06/07/2026

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

Registration No.: 202104000028

Name of the Owner	KULDEEP KUMAR		
Designation पद	Deputy Executive Director	Company Name कंपनी का नाम	DBSIL Nigohi, Distillery Unit
Company Address कंपनी का पता	Village Kuiyan Post Areli, Tehsil- Tilhar, Nigohi	Authorization Letter प्राधिकार पत्र	Download
Address of the Applicant	Dalmia Bharat Sugar and Industries Limited, Village Kuiyan, Post Areli, Shahjahanpur, U.P	Application Form Serial No.	SHJP0421NIN0016
Date of Submission	02/04/2021	Specimen Signature	
Location Particulars			
District	Shahjahanpur	Block	NIGOHI
Plot No./Khasra No.	92,97,254,256,257	Municipality/Corporation	N/A
Ward No./Holding No.			N/A
Particular of the Existing Well and Pumping Device			
Date of Construction/Sinking of the Well	10/06/2018		
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)	18/06/2018		
Maximum Allowable Rate of Withdrawal (m3/hr.):	84.00	Maximum Allowable Running Hours Per Day:	6.00

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 1 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	Monitoring 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

DALMIA BHARAT SUGAR & INDUSTRIES LIMITED UNIT- NIGOHI, SHAHJAHANPUR (U.P.) DISTILLERY DIVISION	
BOREWELL METER READING F.Y.2022-2023	
MONTH	READING IN M3
APRIL	12132
MAY	12322
JUNE	12139
JULY	10080
AUGUST	10315
SEPTEMBER	9158
OCTOBER	3362
NOVEMBER	6511
DECEMBER	5636
JANUARY	3971
FEBRUARY	1617
MARCH	2537
TOTAL	89780

DALMIA BHARAT SUGAR & INDUSTRIES LIMITED DISTILLERY UNIT NIGOHI SHAHJAHANPUR			
[Environmental Cell]			
In view of the statutory requirement, we have constituted An Environmental cell on 01.04.2023. It consists of the following members-			
Sr.No.	Name	Designation	Qualification
1	Narendra Singh Rawat	Distillery Head	B.sc, Difat
2	Amit Sachan	Production Head	B.sc, Difat
3	Anuj Yadav	Executive -Environment	B.Sc., P.G.Diploma in Environmental Science (NSI Kanpur)
4	Ismi Pandey	Senior Executive	B.sc, Difat
5	Manmohan	Shift Incharge	B.sc, Difat
6	Abhay Kumar	Senior Executive	B.sc, Difat
7	Gagan maurya	Executive -Environment	B.Sc., P.G.Diploma in Environmental Science (NSI Kanpur)
8	Samarjeet	CPU Operatar	B.sc
9	Adarsh kumar	CPU Operatar	Diploma
10	Virendra Singh	CPU Operatar	Diploma



UTTAR PRADESH POLLUTION CONTROL BOARD

TC-12V, Vibhuti Khand, Gomti Nagar, Lucknow-226010

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

Annexure-7

Ref. No : 19363/UPPCB/Bareilly(UPPCBRO)/HWM/SHAHJAHANPUR /2023

Dated :30/01/2023

To,

M/s DALMIA BHARAT SUGAR AND INDUSTRIES LIMITED UNIT NIGOHI DISTILLERY
DIVISION

Dalmia Bharat Sugar and Industries Limited, Village- Kuiyan, Post- Areli, Tahsil- Tilhar,
District- Shahjahanpur, U.P ,SHAHJAHANPUR,242407

Tehsil :Shahjahanpur

District :SHAHJAHANPUR

Sub :- Authorisation issued under the provisions of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016

1. Number of authorization and date of issue 19363 and 30/01/2023 .
2. Reference of application (No. and date) 19377751 and 22/01/2023 .
3. Mr KULDEEP KUMAR of M/s DALMIA BHARAT SUGAR AND INDUSTRIES LIMITED UNIT NIGOHI DISTILLERY DIVISION is hereby granted an authorization based on the enclosed signed inspection report for generation, collection, utilization, storage and disposal or any other use of hazardous or other wastes or both on the premises situated at Village- Kuiyan, Post- Areli, Tilhar, Shahjahanpur .

Details of Authorisation

S No.	Category of Hazardous Waste as per the Schedules I,II and III of these rules	Authorised mode of disposal or recycling or utilization or co-processing, etc.	Quantity(ton/annum)
1	Schedule I(Category 5.1) Waste Oil	TSDF/ Authorised Recyclers	0.5 Ton per annum

1. The authorization shall be valid for a period of 29/01/2028 from the date of issue of this letter .
2. The authorization is subject to the following general and specific conditions (please specify any conditions that need to be imposed over and above general conditions, if any) .

A General Conditions of Authorization -

1. The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under .
2. The authorisation or its renewal shall be produced for inspection at the request of an officer authorised by the State Pollution Board .
3. The person authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorization .
4. Any unauthorized change in personnel, equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of his authorisation .

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TRIPATHI

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5. The person authorised shall implement Emergency Response Procedure (ERP) for which this authorisation is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time .
6. The person authorised shall comply with the provisions outlined in the Central Pollution Control Board guidelines on Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and penalty .
7. It is the duty of the authorised person to take prior permission of the State Pollution Control Board to close down the facility .
8. The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation .
9. The record of consumption and fate of the imported hazardous and other wastes shall be maintained .
10. The hazardous and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilisation of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorisation .
11. The importer or exporter shall bear the cost of Import or export and mitigation of damages if any
12. An application for the renewal of an authorisation shall be made as laid down under these Rules .
13. Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Changes or Central Pollution Control Board from time to time .
14. Annual return shall be filed by June 30th for the period ensuring 31st March of the year .
15. The Unit will file the renewal application at least 2 months prior to the expiry of this Order.

B Specific Conditions of Authorization

1. Unit shall ensure compliance of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
2. Unit shall comply with the provisions of Rule 19 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and send copy of Form 10 regarding Manifest for Hazardous and Other Wastes.
3. Unit shall comply with the provisions of Rule 20 of The Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and submit Annual Returns to State Board in Form IV.

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(Authorized Signatory)

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UTTAR PRADESH POLLUTION CONTROL BOARD

Copy to: To the Regional Officer, U.P. Pollution Control Board, Shahjahanpur for information and necessary action .

ABHISHEK
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CEO/EE, I/C Circle _____