

Ref: DBSIL-N /Distillery/ EC COMP /20/ 8

Date - 10.11. 2021

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,2021 to September 2021) 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 herewith six-monthly compliance report of Environmental Clearance along with pertinent enclosures.

Thanking you,

Yours faithfully
For Dalmia Bharat Sugar & Industries Limited
(Distillery Unit-Nigohi)

(Authorized Signatory)

Encls:

- 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 2021
- 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 .

Name of Project: 110 KLPD Distillery Unit by M/s Dalmia Bharat Sugar & Industries Ltd, Distillery - Unit Nigohi, at Village Kuiyan, Post -Areli, Tehsil -Tilhar, District Shahjahanpur in Uttar Pradesh.
Project Proponent: Dalmia Bharat Sugar & Industries Ltd, Distillery -Unit Nigohi.
Period Of Compliance : April 2021 to September 2021

Ref: EC Letter no. 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 117331/UPPCB/BAREILLY(UPPCBRO)/CTO/ AIR/SHAHJAHANPUR/2021 117988/UPPCB/BAREILLY(UPPCBRO)/CTQ/ WATER/SHAHJAHANPUR/2021 dated 08/02/2021 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. 5247 dated 02.02.19, valid till 02.02.2023 Provisions of the Authorization will strictly be followed. Authorization Copy provided with Previous compliance report. No hazardous sold from this plant.
(d)	To control source and the fugitive emissions, suitable 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.	Electrostatic precipitator has already been installed as Air Pollution Control Device to meet out of prescribed norms and/or the NAAQS. Height of stack is 65 meter to control the gaseous emission. Stack emission report attached as Annex-1
(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

		Annexer -2
(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 from 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	The green belt development work is under progress as per CPCB guidelines at more

	<p>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.</p>	<p>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-</p>																												
		<table border="1"> <thead> <tr> <th>Sr. No</th> <th>Planning Schedule</th> <th>No. of Saplings</th> <th>Area (Ha.)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>1st Year</td> <td>1500</td> <td>1.0</td> </tr> <tr> <td>2.</td> <td>2nd Year</td> <td>1500</td> <td>1.0</td> </tr> <tr> <td>3.</td> <td>3rd Year</td> <td>1500</td> <td>1.0</td> </tr> <tr> <td>4.</td> <td>4th Year</td> <td>1500</td> <td>1.0</td> </tr> <tr> <td>5.</td> <td>5th Year</td> <td>750</td> <td>0.5</td> </tr> <tr> <td></td> <td></td> <td>6750</td> <td>4.5</td> </tr> </tbody> </table>	Sr. No	Planning Schedule	No. of Saplings	Area (Ha.)	1.	1st Year	1500	1.0	2.	2nd Year	1500	1.0	3.	3rd Year	1500	1.0	4.	4th Year	1500	1.0	5.	5th Year	750	0.5			6750	4.5
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(m)	<p>All the commitments made regarding issues raised during the public hearing/consultation meeting shall be satisfactorily implemented.</p>	<p>Issues raised during the public hearing/consultation meeting are being implemented.</p>																												
(n)	<p>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.</p>	<p>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.</p>																												
(o)	<p>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 noise pollution.</p>	<p>We have not installed DG sets in our unit because we are generating Electricity from our power turbine.</p>																												
(p)	<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.</p>	<p>Automatic Fire hydrant systems has been installed and portable Fire Extinguishers are kept as per norms.</p>																												
(q)	<p>Occupational health surveillance for the workers shall be done on a regular basis and records maintained as per the Factory Act.</p>	<p>Occupational health surveillance conducting for 57 employees of unit during April,2021 to September,2021 indicates that none of the individual is suffering from any infectious diseases. Report attached as annex.-3</p>																												
(r)	<p>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.</p>	<p>We have suffering space for vehicle of materials and finished products inside3 the premises.</p>																												

(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 on;line (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 effluent within the premises.	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.
(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	
(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.	We strictly adhere to the stipulations made by U.P. Pollution control board and state Government.
(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 concentrations are anticipated.	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.

(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 Annexe-4
(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- Annexe-5
(vi)	The company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the 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. Annexe-6 Solar Grid Lighting Daily Development Project Animal Shelter Specialized health Camp. Ponds digging in Villages. Sapling Plantation. DIKSHA Skill Development Centre.
(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 4 members working accordingly and laboratory have been setup to control Environmental parameters.
(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 stipulated herein. The funds so earmarked for environment/pollution control measures shall not be diverted for any other purpose.	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.
(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	Environmental Statement for the financial

	financial year ending 31th 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 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.	year ending 31st March,2021 is submitted on 28th of September and copy of same is attached Annexe-7
(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 & Seal



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

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Email: aetri2016@gmail.com, aetgwalior@gmail.com



TEST REPORT

Company Name: DalmiaBharat Sugar and Industries Ltd.

Date of Issue: 05.07.2021

Distillery Unit- Nigohi

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

Monitoring Date : 26.06.2021

Nature of Sample: Flue gas emission of Boiler

URL NO.:TC4075-10-0-000U2527P

Location Point : BOILER STACK

Sampling Done By: Sampling Staff

Stack Height: 65.0 Mtr.

Lab. ref. No: AETRL2021/CHEM/ST/2767

Type of fuel used : Bagasse/Spent Wash

Diameter of Stack: 2.5Mtr.

Height of Sampling Location: 25.0 Mtr.

Pollution Control Devices : ESP

Capacity : 24.0 Ton

Material of Construction : RCC

PHYSICAL OBSERVATIONS

Ambient temperature	°C	:	34.0
Flue gas temperature	°C	:	122.0
Velocity of flue gas m/s		:	14.63
Sampling flow rate (LPM)		:	12.24

TEST RESULT

S.No.	Parameter	Pollutant Concentration (on the bases of 12 % CO ₂)	Limits
1	Particulate Matter mg/Nm ³	92.46	150
2	Sulphur Dioxide (SO ₂) mg/Nm ³	14.75	NOT SPECIFIED
3	Oxides of Nitrogen (NO ₂) mg/Nm ³	11.44	NOT SPECIFIED



(Authorized signature)

CIN: U73100MP2002PTC015352

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

Gwalior-474 011, M.P., India
* 0751-4099916 2232177

Email: aetr12016@gmail.com, aetgwalior@gmail.com



TEST REPORT

Company Name: Dalmia Bharat Sugar and Industries Ltd.
Distellary Unit- Nigohi

Date of Issue: 05.07.2021

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

Monitoring Date : 26.06.2021

Nature of Sample: Noise Monitoring

Sampling Done By: Sampling Staff

monitoring Duration : 24 Hrs

Lab. Ref. No: AETRL2021/CHEM/AN/2768

URL NO.: TC4075-10-0-000U2528P

TEST RESULT

S.No.	Location	Noise Level in dB(A)	
		Day	Night
1.	Near Admin Block	70.2	66.1
2.	Near CPU	70.3	65.2
3.	Fermentation	70.5	66.3
4.	T.G. Building	70.4	66.2

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: 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.



(Authorized signature)



CIN: U73100MP2002PTC015352

GSTIN: 23AAECA91881178

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
☎ 0751-4099916 2232177

Email: aetr2016@gmail.com, aetgwalior@gmail.com



TEST REPORT

Company Name: Dalmia Bharat Sugar and Industries Ltd.
Distillery Unit- Nigohi

Date of Issue: 05.07.2021

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

Monitoring Date : 26.06.2021

Nature of Sample: Ambient Air Monitoring

Qty of sample: 30ml

Lab. ref. No: AETRL2021/CHEM/AA/2764

Sample bottle: Plastic packing

URL NO.: TC4075-10-0-000U2524P

Sample Location: Near Boiler

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	18.21	80/Day
2.	Nitrogen Dioxide (NO ₂)	IS 5182:Part6:2006	µg/m ³	16.85	80/Day
3.	Particulate matter (less than 10 µm)	IS 5182:Part23:2006	µg/m ³	52.63	100/Day
4.	Particulate matter (less than 2.5 µm)	USEPA CFR40 (50), Appendix L	µg/m ³	18.23	60/Day
5.	Ozone (O ₃)	IS 5182:Part9:1974	µg/m ³	12.46	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	0.20	02/8*Hours
8.	Ammonia (NH ₃)	APHA 401 (Indophenol)	µg/m ³	8.1	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	0.34	20/Annual



(Authorized signature)

Dalmia Bharat Sugar & Industries Ltd. Unit-Nigohi
(Distillery Division)

VIII: Kuyian, Post : Aveli, Shahjahanpur

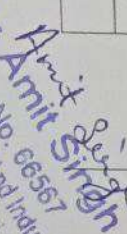
Summary Report on Employee's Health surveillance (April 21 to September -21)

SR. NO.	EMPCODE	EMPNAME	Father Name	DOB	DOI	DEPARTMENT NAME	DESIG NAME	EMP TYPE	Medical Report	Remark
1	10002980	Abdresh Singh	Rajendra Singh	15-Feb-84	28-Feb-07	DISTILLERY	Helper	ASSOCIATE SEASONAL	Found Ok	Examination Conducted Vision, Chest, Spleen, Liver, Skin, Blood, Sugar, Blood Pressure, Personal Hygiene
2	10003048	Harindra Dwivedi	Satya Priya Dwivedi	26-Mar-68	31-Oct-06	DISTILLERY	Auxiliary Operator	WAGE BOARD SEASONAL	Found Ok	
3	10003118	Sarvesh Kumar Kashyup	Ram Nath Kashyap	04-Feb-77	27-Feb-07	DISTILLERY	Auxiliary Operator	WAGE BOARD SEASONAL	Found Ok	
4	10003129	Karuna Shankar Awasthi	Suresh Chand Awasthi	17-Jul-74	28-Feb-07	DISTILLERY	Helper	WAGE BOARD SEASONAL	Found Ok	
5	10003131	Govind Singh	Jai Veer Singh	01-Nov-87	28-Feb-07	DISTILLERY	Fermentation Helper	WAGE BOARD SEASONAL	Found Ok	
6	10003136	Sandeep Kumar Srivastava	Manohar Lal Srivastava	07-Jun-82	13-Aug-07	DISTILLERY	Auxiliary Operator	WAGE BOARD SEASONAL	Found Ok	
7	10003382	Dheeraj Gupta	Sushil Kumar Gupta	12-Jul-78	01-Sep-18	DISTILLERY	Electrician Helper	WAGE BOARD SEASONAL	Found Ok	
8	10003392	Ranwan Lal	Shivram	10-Jul-69	01-Sep-18	DISTILLERY	Molasses Pumpman	WAGE BOARD SEASONAL	Found Ok	
9	10003395	Ram Bhajan	Gangu	11-Mar-75	01-Sep-18	DISTILLERY	Molasses Pumpman	WAGE BOARD SEASONAL	Found Ok	
10	10004796	Preem Pal	Ramratan	15-Mar-72	20-Aug-18	DISTILLERY	SENIOR ELECTRICIAN	ASSOCIATE PERMANENT	Found Ok	
11	10004797	Bhupendra Kumar	Sunder Lal Verma	03-Jul-84	05-Sep-18	DISTILLERY	Distillation Operator	ASSOCIATE PERMANENT	Found Ok	
12	10004798	Pravendra Kumar	Sohanveer Singh	25-Mar-85	05-Sep-18	DISTILLERY	Fermentation Operator	ASSOCIATE PERMANENT	Found Ok	
13	10004799	Anuj Kumar	Ram Pratap	30-Dec-89	07-Sep-18	DISTILLERY	Fermentation Operator	ASSOCIATE PERMANENT	Found Ok	
14	10004800	Jitendra Kumar Singh	Fateh Bahadur Singh	05-Feb-83	07-Sep-18	DISTILLERY	Fermentation Operator	ASSOCIATE PERMANENT	Found Ok	
15	10004806	Roopendra Kumar Solanki	Omkar Singh	07-Mar-80	11-Oct-18	DISTILLERY	TURBINE OPERATOR	ASSOCIATE PERMANENT	Found Ok	
16	10004807	Devvrat Singh	Om Prakash Singh	01-Apr-86	11-Oct-18	DISTILLERY	TURBINE OPERATOR	ASSOCIATE PERMANENT	Found Ok	
17	10004808	Om Prakash Yadav	Ram Tapeshwar Yadav	04-Mar-85	15-Oct-18	DISTILLERY	TURBINE OPERATOR	ASSOCIATE PERMANENT	Found Ok	
18	10004812	Narendra Pal	Nanhe Lal	15-Mar-87	22-Oct-18	DISTILLERY	INSTRUMENT TECHNICIAN	ASSOCIATE PERMANENT	Found Ok	
19	10004814	Ravi Kumar Vishwakarma	Awadh Bihari	17-Sep-72	12-Nov-18	DISTILLERY	BOILER ATTENDENT	ASSOCIATE PERMANENT	Found Ok	

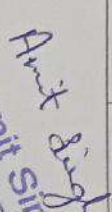
Dr. Anurag Singh
Reg. No. 60567

Dalmia Bharat Sugar And Industries Ltd.
Shahjahanpur (U.P.) 242-407

20	10004918	Puneet Kumar	Shyam Veer Singh	07-Jul-93	28-Jun-19	DISTILLERY	Excise Assistant	ASSOCIATE PERMANENT	Found OK
21	10005531	Gulbir Singh	Shivkumar	08-May-83	21-Sep-19	DISTILLERY	Distillation Operator	ASSOCIATE PERMANENT	Found OK
22	10005544	Balendra Kumar	Shoraj Singh	19-Feb-82	01-Nov-19	DISTILLERY	Senior Boiler Attendant	ASSOCIATE PERMANENT	Found OK
23	10005570	Upendra Kumar Gupta	Sh. Mevalal Sah	31-Jan-84	27-Nov-19	DISTILLERY	BOILER ATTENDANT	ASSOCIATE PERMANENT	Found OK
24	10005571	Narendra Kumar Tiwari	R P Tiwari	05-Jul-80	28-Nov-19	DISTILLERY	Electrician	ASSOCIATE PERMANENT	Found OK
25	10005573	Dharmveer Singh	Mathura Singh	01-Dec-85	29-Nov-19	DISTILLERY	Distillation Operator	ASSOCIATE PERMANENT	Found OK
26	10005580	Arun Kumar	Jagveer Singh	02-Jul-80	26-Dec-19	DISTILLERY	CPU Operator	ASSOCIATE PERMANENT	Found OK
27	10005581	Uday Pratap Singh	Yashpal Singh	01-Apr-92	26-Dec-19	DISTILLERY	Microbiologist	ASSOCIATE PERMANENT	Found OK
28	10005582	Ramesh Gaun	Rama Kant	15-Jul-85	26-Dec-19	DISTILLERY	EVAPORATOR OPERATOR	ASSOCIATE PERMANENT	Found OK
29	10005583	Abhishek Kumar	Jawahar Lal Singh	01-Oct-91	26-Dec-19	DISTILLERY	Shift Incharge	ASSOCIATE PERMANENT	Found OK
30	10005584	Durvesh Kumar Verma	Mr. Sohan Lal Verma	15-Dec-67	26-Dec-19	DISTILLERY	SENIOR FITTER	ASSOCIATE PERMANENT	Found OK
31	10005585	Ramashankar Kushwaha	Ramadev Kushwaha	03-Jul-89	26-Dec-19	DISTILLERY	WELDER	ASSOCIATE PERMANENT	Found OK
32	10005586	Ravindra Yadav	Ramakant Yadav	18-May-80	26-Dec-19	DISTILLERY	FITTER	ASSOCIATE PERMANENT	Found OK
33	10005587	Ajay Kumar Sharma	Surajpal	03-Aug-70	26-Dec-19	DISTILLERY	Warehouse Operator	ASSOCIATE PERMANENT	Found OK
34	10005588	Virendra Kumar	Charan Singh	01-Jul-87	26-Dec-19	DISTILLERY	CPU Operator	ASSOCIATE PERMANENT	Found OK
35	10005589	Rakesh Kumar Jat	Shishram Jat	01-Nov-96	26-Dec-19	DISTILLERY	EVAPORATOR OPERATOR	ASSOCIATE PERMANENT	Found OK
36	10005590	Phool Chand	Ram Mohan	05-Nov-79	26-Dec-19	DISTILLERY	FITTER	ASSOCIATE PERMANENT	Found OK
37	10005591	Pankaj Singh	Jeet Bahadur Singh	20-May-95	26-Dec-19	DISTILLERY	EVAPORATOR OPERATOR	ASSOCIATE PERMANENT	Found OK
38	10005592	Yatish Kumar	Vedpal Singh	25-Jan-85	11-Jan-20	DISTILLERY	Warehouse Operator	ASSOCIATE PERMANENT	Found OK
39	10005593	Lokesh Kumar	Avanish Kumar	01-Jul-92	26-Dec-19	DISTILLERY	FIREMAN	ASSOCIATE PERMANENT	Found OK
40	10005595	Shambhu Prasad Gupta	Prasad	01-Mar-76	26-Dec-19	DISTILLERY	FIREMAN	ASSOCIATE PERMANENT	Found OK
41	10005596	Ram Ratan Sharma	Om Prakash Sharma	01-Aug-68	26-Dec-19	DISTILLERY	CPU Operator	ASSOCIATE PERMANENT	Found OK


 Dr. Amit Singh
 Reg. No. 66567
 Dalmia Biharat Sugar And Industries Ltd
 Super Unit-Nagoh
 Shahjahanpur (U.P.) 242 407

42	10005597	Avneet Singh	Dharmendra Singh	01-Jul-91	26-Dec-19	DISTILLERY	Shift Chemist	ASSOCIATE PERMANENT	Found OK
43	10005598	Dhananjay Kumar	Sh. Rajendra Prasad	04-Oct-91	15-Jan-20	DISTILLERY	Shift Incharge	ASSOCIATE PERMANENT	Found OK
44	10005616	Rahul Kumar	Sheeshpal Singh	19-Jun-89	12-Mar-20	DISTILLERY	Shift Incharge	ASSOCIATE PERMANENT	Found OK
45	10005617	Manmohan Singh	Shivchandra Singh	10-Jul-91	12-Mar-20	DISTILLERY	Shift Incharge	ASSOCIATE PERMANENT	Found OK
46	10005624	Indrajeet Kumar	Pramod Kumar Singh	15-Feb-89	24-Aug-20	DISTILLERY	INSTRUMENT TECHNICIAN	ASSOCIATE PERMANENT	Found OK
47	10005630	Deepak Kumar	Virendra Pal Singh	06-Jun-88	15-Sep-20	DISTILLERY	Electrician	ASSOCIATE PERMANENT	Found OK
48	0008650	Narendra Singh Rawat	D. S. Rawat	15-Apr-79	25-Dec-17	DISTILLERY	Manager	Executive	Found OK
49	0009294	Ashu Chauhan	Devraj Singh	03-Apr-91	08-Sep-18	DISTILLERY	ENGINEER	Executive	Found OK
50	0009314	Rajneesh Kumar	Anil Kumar Singh	08-Mar-93	20-Sep-18	DISTILLERY	ENGINEER	Executive	Found OK
51	0009767	Brj Mohan Lal	Madan Mohan Lal	04-Feb-78	20-Jul-19	DISTILLERY	Assistant General Manage	Executive	Found OK
52	0009796	Mukesh Singh Chauhan	Natthu Singh	07-Jun-80	03-Aug-19	DISTILLERY	Senior Executive	Executive	Found OK
53	0010033	Anuj Yadav	Mahesh Chand Yadav	16-Nov-95	17-Oct-19	DISTILLERY	Environmental Chemist	Executive	Found OK
54	0010159	Shivam Pandey	Shiv Bahadur Pandey	08-Oct-98	07-Dec-19	DISTILLERY	Lab Chemist	Executive	Found OK
55	0010160	Jai Bharat Singh	Ram Mohan Singh	08-Sep-91	07-Dec-19	DISTILLERY	EXECUTIVE TRAINEE	Executive	Found OK
56	0010272	Ajay Kumar Gautam	Shri Shyam Lal	01-Jun-82	15-Jan-20	DISTILLERY	Senior Engineer	Executive	Found OK
57	0008973	Ankit Kumar	Rajbeer Singh	19-09-1995	05-Jun-18	DISTILLERY	Shift Engg.	Executive	Found OK


Amit Singh
 Dr. Amit Singh
 Reg. No. 66567
 Dalmia Bharat Sugar And Industries Ltd
 Sugar Unit, Nigori
 Shahjahanpur (U.P.) 242 407



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

☎0751-4099916 2232177

Email: aetri2016@gmail.com, aetlgwalior@gmail.com



TEST REPORT

Company Name: Dalmia Bharat Sugar and Industries Ltd.

Distillery Unit- Nigohi

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

Nature of Sample: Ambient Air Monitoring

Lab. ref. No: AETRL2021/CHEM/AA/2763

Sample Location: Near Admin Block

Sampling Duration: 24 Hrs

URL NO.:TC4075-10-0-000U2523P

Date of Issue:05.07.2021

Monitoring Date :26.06.2021

Qty of sample: 30ml

Sample bottle: Plastic packing

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	14.06	80/Day
2.	Nitrogen Dioxide (NO ₂)	IS 5182:Part6:2006	µg/m ³	13.72	80/Day
3.	Particulate matter (less than 10 µm)	IS 5182:Part23:2006	µg/m ³	64.36	100/Day
4.	Particulate matter (less than 2.5 µm)	USEPA CFR40 (50), Appendix L	µg/m ³	22.08	60/Day
5.	Ozone (O ₃)	IS 5182:Part9:1974	µg/m ³	7.22	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	7.2	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	0.31	20/Annual



(Authorized signature)



CIN: U73100MP2002PTC015352

GSTIN: 23AAECA9188L1ZS

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
☎0751-4099916 2232177

Email: aetri2016@gmail.com, acfgwalior@gmail.com



TEST REPORT

Company Name: Dalmia Bharat Sugar and Industries Ltd.
Distillery Unit- Nigohi

Date of Issue: 05.07.2021

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

Monitoring Date: 26.06.2021

Nature of Sample: Ambient Air Monitoring

Qty of sample: 30ml

Lab. ref. No: AETRL2021/CHEM/AA/2764

Sample bottle: Plastic packing

URL NO.: TC4075-10-0-000U2524P

Sample Location: Near Boiler

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	18.21	80/Day
2.	Nitrogen Dioxide (NO ₂)	IS 5182:Part6:2006	µg/m ³	16.85	80/Day
3.	Particulate matter (less than 10 µm)	IS 5182:Part23:2006	µg/m ³	52.63	100/Day
4.	Particulate matter (less than 2.5 µm)	USEPA CFR40 (50), Appendix L	µg/m ³	18.23	60/Day
5.	Ozone (O ₃)	IS 5182:Part9:1974	µg/m ³	12.46	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	0.20	02/8*Hours
8.	Ammonia (NH ₃)	APHA 401 (Indophenol)	µg/m ³	8.1	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	0.34	20/Annual



(Authorized signature)



CIN: U73100MP2002PTC015352

GSTIN: 23AAECA9188L178

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

☎0751-4099916 2232177

Email: aetri2016@gmail.com, aetgwalior@gmail.com



TEST REPORT

Company Name: Dalmia Bharat Sugar and Industries Ltd. **Date of Issue:** 05.07.2021
 Distellary Unit- Nigohi
Address: Vill- Kuiyan Po.- Areli ,Shahjahanpur, UP **Monitoring Date :** 26.06.2021
Nature of Sample: Noise Monitoring **Sampling Done By:** Sampling Staff
monitoring Duration : 24 Hrs **Lab. Ref. No:** AETRL2021/CHEM/AN/2768
 URL NO.:TC4075-10-0-000U2528P

TEST RESULT

S.No.	Location	Noise Level in dB(A)	
		Day	Night
1.	Near Admin Block	70.2	66.1
2.	Near CPU	70.3	65.2
3.	Fermentation	70.5	66.3
4.	T.G. Building	70.4	66.2

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: 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.



(Authorized signature)

OC

Dalmia
Bharat Sugar

cement! sugar! refractories! power!

DBSIL/DISTILLERY/EHS/2021/-199/06

13th Sep. 2021

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

Sub: Environmental Statement 2020-21 (Distillery Unit)

Dear Sir,

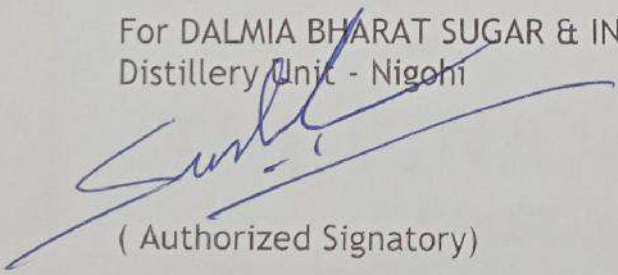
As per Environment (Protection) Rule No.14 (Amended) of the Environment (Protection) Act 1986, the Environmental statement for the financial year 2020-21 is submitted herewith to fulfill the requirement of the rule.

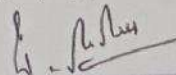
This is for your kind information please.

Thanking you,

Yours faithfully

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


(Authorized Signatory)

उपरोक्त प्रदूषण नियंत्रण बोर्ड
टी.सी. 12 वी. विभूति खण्ड
दिनांक 22-9-21

गोमती नगर लखनऊ

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

Encl: As above

Dalmia Bharat Sugar & Industries Ltd.
Distillery Unit - NIGOHI, SHAHJAHANPUR (U.P.)

FORM – V
(See Rule-14)

ENVIRONMENTAL STATEMENT

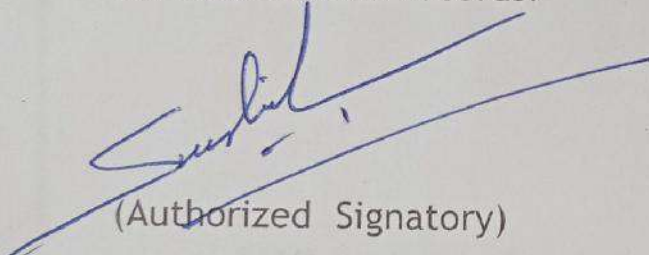
for

THE FINANCIAL YEAR *ending*
31ST MARCH, 2021.

13.09.2021

TO WHOM IT MAY CONCERN

This is to certify that the environmental statement for the financial year 2020-21 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.



(Authorized Signatory)

CONTENTS

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

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.

Government of India
Ministry of Environment and Forest

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:

- (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 - Nigoni,
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. : 27.9.2020

Part - B

Water and Raw Material Consumption

Total Water Consumption	: 316.69	KL/day
• For Process	: 141.83	KL/day
• For Cooling	: 173.35	KL/day
• For Domestic	: 1.50	KL/day

Process Water Consumption per unit product output

Name of Product	During the previous financial year (2019-20)	During the previous financial year (2020-21)
Industrial Alcohol	5.58 KL / KL of Product	4.93 KL / KL of Product

Raw Material Consumption

Name of Material	Name of Product	During the previous financial year (2019-20)	During the previous financial year (2020-21)
Molasses	Industrial Alcohol	4.64 T / KL of Product	3.39 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 (2018-19)	During the current financial year (2019-20)
1	From Process	Nil	Nil
2	From Pollution Control Facilities	Slop - 55569MT Fly Ash - 10687MT	Slop - 48551.0MT Fly Ash - 4597.67MT

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, Section 3, Sub Section (II).

Part-E

Solid Wastes

Sl. No.	Solid Wastes	During the current financial year (2020-21)
A	Process	Nil
B	From Pollution Control Facility	
	- Fly Ash	10687MT
	- Slope	48551MT
	1) Quantity Recycled or re-utilized within the Unit	All
	2) Sold Sludge	All (utilized as manure / soil conditioner)
C	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. Slope:

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.

Part-H

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.