

newthink! cement! sugar! refractories! power!

DBSIL-N /Distillery/ EC COMP. /20/

27.05. 2020

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

SUB: <u>Compliance Report (October,2019 to March 2020) of Environmental Clearance of 60 KLD</u> Molasses based Distillery &2.5 MW Co- gen.

Dear Sir,

As per stipulated condition of Environmental Clearance granted to us for 60 KLD Molasses based Distillery and 2.5 MW co-gen. dated 30.05.2018; 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

(Authoriz

Encl:

Annex.- 1. (I) Stack Emission Report , (II) Noise Level Report , (III) Ambient Air Report .

Annex. - 2. Health Surveillance Report .

Annex. - 3. CSR activities- Photo graph attached.

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 .

Dalmia Bharat Sugar and Industries Limited, Distillery Unit Nigohi Village - Kuiyan, Post - Areli, Teshil-Tilhar, District - Shahjahanpur-242 407, Uttar Pradesh, India t 05841-275538 f 05841-275540, w www.dalmiasugar.com, CIN : L26942TN1951PLC000640 Registered Office : Dalmiapuram, Dist. Tiruchirapalli, Tamil Nadu-621 651, India A Dalmia Bharat Group company, www.dalmiabharat.com

Half Yearly Compliance Report

Name of Project: 60 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: October 2019,to March 2020

Ref.: EC Letter no. J-11011/315/2017-IA II (I) dated 30th May, 2018

| S.No. | Conditions | Compliance Status | | |
|---------|---|---|--|--|
| Specifi | Specific Conditions given in EC letter dated 30 th May, 2018 | | | |
| (a) | Consent to 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. 16565/UPPCB/Bareilly (UPPCBRO/CTE/SHAHJAHANPUR/2018 dated 29.05.2018 Consent to Operate vide ref. No. 33337/UPPCB/Bareilly(UPPCBRO)/CTO/air/SHAHJAHANPU R/2018 & 33341/UPPCB/Bareilly(UPPCBRO)/CTO/water/SHAHJAHA NPUR/2018 dated 06.11.2018. 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 <i>Zero Liquid Discharge</i> . No discharge is ensured. Water Balance Chart sent 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 meet the prescribed norms and/or the NAAQS. The gaseous emissions shall be dispersed through stack | Electrostatic precipitator has already been installed as Air Pollution Control Device to meet out the prescribed norms and/or the NAAQS. Height of stack is 65 meter to control the gaseous emission. Stack emission reports attached as Annex-1 | | |

M/s. Dalmia Bharat Sugar and Industries Limited Distillery Unit , Nigohi

Half Yearly Compliance Report

| | of adequate height as per CPCB/SPCB guidelines. | |
|-----|--|--|
| (e) | Total fresh water requirement shall not exceed 360 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 obtained NOC from Central Ground Water Authority Delhi. Complied with. NOC No. CGWA/NOC/IND/ORIG/2018/3861 dated 27.07.2018 |
| (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(Agitated 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. 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 the prescribed standard and use in the fermentation and cooling tower as make up water. |
| (g) | Process effluent/any waste water shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system. | 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 discharged out |
| (h) | Hazardous chemicals, if any, shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps. | Hazardous chemical is being stored in drums and flame Arr esters are provided on tank farm and the solvent through pumps. |
| (i) | Process organic residue and spent carbon, if any, | |

M/s. Dalmia Bharat Sugar and Industries Limited Distillery Unit , Nigohi

Half Yearly Compliance Report

| | shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF. | 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 (MSIHC) 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 and guidelines under storage of hazardous chemicals and transportation of hazardous chemical. |
| (k) | The company shall undertake waste minimization measures as below- (i) Metering and control of quantities of active ingredients to minimize waste (ii) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. (iii) Use of automated filling to minimize spillage. | Complied with. <u>Applicable steps have been taken to minimize waste</u> <u>generation. As below :-</u> I. We have done metering of all required points ant control major to minimize waste. II. Slop obtained from MEE plant is being re used as Fuel in incineration boiler. III. Control measures done to minimize spillage. IV. We have installed close feed system in all tanks. V. We have installed such venting equipment. VI. We are using Hydro jet pumps for cleaning to Reduce waste water generation. |
| | (iv) Use of close feed system into batch reactors. (v) Venting equipment through vapour recovery system. (vi) Use of high pressure hoses for equipment cleaning to reduce waste water generation. | |

Half Yearly Compliance Report

| (I) | 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, | 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 action plan mentioned below- | | | | |
|-----|---|--|--|---|---|---|
| | and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation | S.no | Planning Schedule | No. of Saplings | Are a (Ha.) | Width of green belt |
| | with the State Forest | 1. | lst year | 1500 | 1.0 | 5 m |
| | Department. | 2. | 2 nd year | 1500 | 1.0 | 5 m |
| | | 3. | 3 rd year | 1500 | 1.0 | 5 m |
| | | 4. | 4 th year | 1500 | 1.0 | 5 m |
| | | 5. | 5 th year | 750 | 0.5 | 5 m |
| | | | Total | 6750 | 4.5 | |
| (m) | All the commitments made regarding issues raised during the public hearing/consultation meeting shall be satisfactorily implemented. | | raised durin g are being | | | ng/consultation |
| (n) | At 2% of the total project cost shall be allocated for Corporate Environment Responsibility(CER) and item-wise details along with time bound action plan shall be prepared and submitted to the ministry's Regional Office. | Dalmia spend like wa conser develo | Bharat Fou more than F ter conserv vation, drip | ndation an As. 30 Lakhs ation, elect irrigation, tation and | d alrea s on va cricity o skill drinkir | ity through ady planned to rious activities conservation, soil ag water etc. ched. |
| (o) | For the DG Sets, emission limits and the stack height shall be in conformity with the extant regulations and the CPCB guidelines. Acoustic enclosures shall be provided to DG set for controlling noise pollution. | | | | | unit because we ower turbine . |
| (p) | The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be | Automa Portabl | atic Fire hydi e Fire Exting | rant system uishers are | n has bo kept a | een installed and s per norms. |

M/s. Dalmia Bharat Sugar and Industries Limited Distillery Unit , Nigohi

Half Yearly Compliance Report

| | as per the norms. | |
|------|--|--|
| (q) | Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act. | Occupational health surveillance conducted for 60 employees of unit during Oct,19 to march,2020 indicates that none of the individual is suffering from any infectious disease. Report attached as annex2 |
| (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 on public places. | We have sufficient space for vehicles of raw 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 system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises. | Continuous 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) | CO ₂ 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. | Pollution control board and state Government. |

M/s. Dalmia Bharat Sugar and Industries Limited Distillery Unit , Nigohi

Half Yearly Compliance Report

| (::) | No further expansion or | |
|-------|---|--|
| (ii) | No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change . In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures | Desired approval will be taken prior to further expansion or modification. |
| (iii) | required, if any. 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 16 th 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 16 th November, 2009 are being complied with Monitoring report attache as . Annexe -1 |
| (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 | For Noise control, we have installed silence and acoustic enclosures on all sources of noise generation Maintained within limit.Reports attached as- Annexe -1 |

M/s. Dalmia Bharat Sugar and Industries Limited . Distillery Unit , Nigohi

Half Yearly Compliance Report

| | standards prescribed under Environment (Protection) Act, 1986 Rules,1989 viz. 75dBA(day time) and 70 dBA (night time). | |
|--------|--|--|
| (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 plant. | Rain water from the roof tops of the buildings is being stored in storage tank 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.(Detail attached) |
| (viii) | The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, 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 | We are running CSR activities in different near by villages, the activities include, sanitation,Education, Drinking water facilities etc. Annexe -2 (I) Solar Grid Lighting (II) Dairy Development Project (III) Animal Shelter (IV) Specialized health Camp. (V) Ponds digging in Villages. (VI) Sapling Plantation. (VII) DIKSHA Skill Development Centre. |

M/s. Dalmia Bharat Sugar and Industries Limited Distillery Unit , Nigohi

Half Yearly Compliance Report

| | overall improvement of the environment. | |
|--------|--|---|
| | A separate Environmental Management Cell equipped with full- fledged laboratory facilities shall be set up to carry out the Environmental Management and | Environment Management cell having 4 members working accordingly and Laboratory have been setup to control Environmental parameters. |
| | Monitoring functions. | internet to be a state and the state of the |
| (xi) | The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of | A) Provision of funds as capital cost Rs 31.00 Lakh B) Invested as capital cost Rs 6.0 Lac. C) Recurring expenditure done to implement the |
| | Environment , Forest and | conditions of MoEF & State Govt. |
| | climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for | Rs. 25.0 Lac |
| | environment management/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. | level panchayat Samiti. |
| (xiii) | The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective | being submitted accordingly. |

M/s. Dalmia Bharat Sugar and Industries Limited Distillery Unit , Nigohi

Half Yearly Compliance Report

| | 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 the company. | |
|-------|---|--|
| (xiv) | The environmental statement for each financial year ending 31 st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of Environmental Clearance conditions and shall also be sent to the respective Regional offices of MoEF & CC by e-mail. | Environmental Statement for the financial year ending 31 st March,2020 will be submitted before, 30 th Sep. 2020. |
| (xv) | The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at <u>http://moef.nic.in.</u> This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be | We have already published the accordance of Environmental Clearance in local newspapers. Hindustan Times on dated 06.06.2018 and Rashtriya Sahara on dated 05.06.2018 |

M/s. Dalmia Bharat Sugar and Industries Limited Distillery Unit, Nigohi

Half Yearly Compliance Report

| forwarded to the concerned Regional office of the Ministry. | |
|---|--|
| | |

Signature & Seal A Induerien a Bharak

Advanced Environmental Testing And Research Lab P. Ltd.



CIN: U73100MP2002PTC015352 Approved: by Ministry of Environment, Forest and Climate Change (MoEF&CC)

Regional Office: BMS Business Center, 10 PVR Plaza Complexes Connaught Circus, New Delhi-110 001, India

© 011-4151 3601, 3606 Fax: 011-2331 0093



OHSAS

18001:2007

Registered Office: 63/1, Kailash Vihar, Near Income Tax Office, City Center-II Gwalior-474 011, M.P., India

[®] 0751-223 2177, 409 9916 Email: <u>aelgwalior@gmail.com</u>, <u>aetricenter@gmail.com</u>, www.aetril.com

TEST REPORT

and in the state of

Date of Issue: 24.01.2020

Company Name: Dalmia Bharat Sugar and Industries Ltd. Distellary 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 Monitoring Date: 13.01:2020

Sampling Done By: Sampling Staff Lab. ref. No: AETRL2020/CHEM/ST/1433 URL NO.: TC4705-20-0-000U1227P Diameter of Stack:2.5 Mtr. Pollution Control Devices : ESP Material of Construction :RCC

PHYSICAL OBSERVATIONS

| Salibing low rate (a) | TEST RESULT | |
|--------------------------|-------------|-----|
| Sampling flow rate (LPM) | • | .48 |
| Velocity of flue gas m/s | : 19 | .62 |
| Flue gas temperature °C | : 13 | 9.0 |
| Ambient temperature °C | : 17 | .0 |

| S.No. | Parameter | Pollutant Concentration (on the bases of 12 % CO ₂) | Limits |
|-------|--|---|---------------|
| 1 | Particulate Matter mg/Nm ³ | 94.26 | 150 |
| - | Sulpher Dioxide (SO ₂) mg/Nm ³ | 15.62 | NOT SPECIFIED |
| 2 | Oxides of Nitrogen (NO ₂) mg/Nm ³ * | 13.20 | NOT SPECIFIED |

(Authorized signature)

Advanced Environmental Testing And Research Lab P. Ltd.



CIN: U73100MP2002PTC015352 Approved: by Ministry of Environment, Forest and Climate Change (MoEF&CC) Regional Office: BMS Business Center, 10 PVR Plaza Complexes Connaught

New Delhi-110 001, India 011-4151 3601, 3606 Fax: 011-2331 0093



Registered Office: 63/1, Kailash Vihar, Near Income Tax Office, City Center-II Gwalior-474 011, M.P., India 10751-223 2177, 409 9916 Email: aelgwalior@gmail.com, aetrlcenter@gmail.com, www.aetrl.com



* TEST REPORT

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

Address: Vill- Kuiyan Po.- Areli ,Shahjahanpur, UP Nature of Sample: Noise Monitoring

Circus.

monitoring Duration :24 Hrs

Date of Issue: 24.01.2020

Limit in dB(A) Leq

85

Monitoring Date : 13.01.2020 Sampling Done By: Sampling Staff

Lab. ref. No: AETRL2020/CHEM/AN/1439 URL NO .: TC4705-20-0-000U1233F

TEST RESULT

| | Location | Noise Level In di | B(A) |
|-------|-------------------------|-------------------|-------|
| S.No. | | Day | Night |
| .1. | Near Distillation Plant | 71.6 | 67.1 |
| 2. | Near Admin | 58.1 | 53.4 |

Noise Work area- Factory Act-1948

| Area Code | Category of area |
|-----------|------------------|
| A | Industrial Area |

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

Ambient Noise Standards

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

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

(Authorized signature)

Advanced Environmental Testing And Research Lab P. Ltd.

CIN: U73100MP2002PTC015352

Approved: by Ministry of Environment, Forest and Climate Change (MoEF&CC) Regional Office: BMS Business Center, 10 PVR Plaza Complexes Connaught Circus,



New Delhi-110 001, India 2 011-4151 3601, 3606 Fax: 011-2331 0093

Registered Office: 63/1, Kailash Vihar, Near Income Tax Office, City Center-II Gwalior-474 011, M.P., India

OHSAS

18001:2007

- do rele

Email: aelgwalior@gmail.com, aetrlcenter@gmail.com, www.aetrl.com

TEST REPORT

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

Address: Vill- Kuiyan Po.- Areli ,Shahjahanpur, UP Nature of Sample: Ambient Air Monitoring Lab. ref. No: AETRL2020/CHEM/AA/1434 URL NO .: TC4705-20-0-000U1228P Sample Location: Near Fermentation Plant Sampling Duration: 24 Hrs

Date of Issue: 24.01.2020

Monitoring Date: 13.01.2020 Oty 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

| 1. Sulphur Dioxide (SO ₂) IS 5182:Part6:2006 µE 2. Nitrogen Dioxide (NO ₂) IS 5182:Part6:2006 µE | g/m ³ g/m ³ g/m ³ | 15.10 12.08 63.98 | 80/Day 80/Day |
|--|--|--|------------------|
| 1. Sulphur Dioxide (SO ₂) IS 5162.1 crtd:: HE 2. Nitrogen Dioxide (NO ₂) IS 5182:Part6:2006 HE | g/m ³ g/m ³ | and the second s | |
| 2. Nitrogen Dioxide (NO ₂) | g/m ³ | 63.98 | |
| | | | 100/Day |
| Betleviate matter (less than 10 µm) | g/m ³ | 36.28 | 60/Day |
| 3. Particulate matter (less than 2.5 µm) USEPA CFR40 µl 4. Particulate matter (less than 2.5 µm) (50), Appendix L | 6 | | |
| IS 5182:Part9:1974 | ig/m ³ | 8.9 | 100/8*Hours |
| O J J J J J J J J J J J J J J J J J J J | ig/m ³ | ND | 1.0/Day |
| IO UTOZII GITA | ng/m ³ | 0.21 | 02/8*Hours |
| 10 J 102.1 01 (20) | ug/m ³ | 12.55 | 400/Day |
| 8. Ammonia (NH3) * (Indophenol) | ~0 | | - |
| IS 5182 Part 11:2006 | ug/m ³ | <0.1 | 05/Annual |
| G Benzene (Gelle)* | µg/m ³ | ND* | 01/Annual |
| (D=D) Doptionate Phase only | µg/m ³ | ND | 06/Annual |
| 00104.000 | µg/m ³ | 0.36 | 20/Annual |
| 12. (Nickel (Ni) + | 1.00 | | |

(Authorized signature)

CSR Intervention and Progress

Dalmia Bharat Foundation DBSIL, Dalmia Sugar Mill, Nigohi, Shahjahanpur UP

FY 2019-20

About the Location : Nigohi is a block located in Shahjahanpur district of Tilhar Tehsil in Shahjahanpur district, Uttar Pradesh. Block office is around 3 KM from Dalmia Chini Mill plant. Dalmia Bharat Foundation is working in 15 villages located around the plant and targeting to more than 3000 house hold. The local language in Nigohi is Awadhi and the people in addition to Awadhi also speak Hindi.

The foundation works closely in the village to cater the needs in the nearby area, namely, Raghawpur Sikandarpur, Girgicha, Kakraua, Ahirwara, Bichholi, Bhartapur, Hadsaua, Raghwapur Khurd, Bajheda, Nekpur, Mahmadpur, Kudirna, Madaripur, Kajri Noorpur, Dhakiya

We are working in the domains of Soil and Water conservation, Energy conservation, Livelihood and Skill generation and Social Development area into all the above mentioned villages.

| Program | Activity | Unit | Achieved during the year (2019-20) | Beneficiaries |
|---------------------------------|---|----------------|--|---------------|
| Soil and Water | Village Ponds (Excavation an deepening) | 10 | 10 | 550 |
| Conservatio | Sapling plantation | 150 | 150 | 550 |
| n | Farm Yard Manure Pits | 400 | 389 | 389 |
| | Vermi-Compost Pits | 250 | 232 | 232 |
| Energy Conservatio | Solar Mini Grid Lighting | 51 HH | 51 HH | 555 |
| n | Solar Mini Grid Irrigation | 100 Acre | 100 Acre | 58 HH |
| Livelihood Skill Training | Dairy Development Project (Livestock development and Breed Improvement project) | 15 villages | 15 villages 1610 HH | 4200 |
| 0 | Formation and Linkages of Self Help Groups with NRLM | 30 | 23 | 230 |
| | DIKSHa Skill Development Center | 1 | 1 | 120 Trainees |
| Social Developme | Observing national and international social events | 8 | 5 | 3800 |
| nt | Animal Shelter in Simra Beeran village | 1 | 1 | 450 HH |
| | Specialized Health Camps | 4 Camp | 4 camps | 960 |

Statistical Performance Measurement:

DIKSHa (Dalmia Institute of Knowledge and Skill Harnessing) Skill Center Shahjahanpur (U.P.)

<u>Centre Setup</u> - Dalmia Bharat Foundation has setup a Skill Development Centre which is affiliated with NSDC (National Skill Development Corporation) in Shahjahanpur to provide the skill training and placement to youth of the districts in various sectors/trades. The capacity of the center is to train and place around 600 youth in a year. District Magistrate along with Chief Development Officer has inaugurated the center this year.

Address- Dalmia Institute of Knowledge and Skill Harnessing, Swati Square, Jalal Nagar, Bahar Chungi, Nigohi Road, Shahjahanpur (U.P.)

DIKSHa Inauguration- Opening ceremony of DIKSHa Skill centre has been done by DM and CDO of Shahjahanpur in the presence of Mr. B.B. Mehta- Director DBSIL, Mr. Pankaj Rastogi- COO DBSIL, Mr. Kuldeep Kumar- Plant Head,

Inauguration and formal launch of DIKSHa Skill Centre has been done on 07th Feb 2020 by District Magistrate Shri Indra Vikram Singh & Chief Development Officer Shri Mahendra Singh Tanwar in presence of CEO DBF Shri Vishal Bharadwaj, Senior General Manager Shri Samir Sharma & Plant Head DBSIL NGH Shri Kuldeep Kumar. Team DBF and DBSIL NGH along with local peoples, Gram Pradhans & trainees also participated in this memorable event.

Mobilization- There was a regular round of community visits in order to maximize the registration of Batches and creating awareness about Skill development training program of Dalmia Bharat Foundation.

| Activity Done | Schools, Colleges, Hostel, Community Meetings & Home Visits. |
|--------------------------|---|
| Block Covered | Dadrol, Simriya, Nigohi |
| Villages/ WardCovered | Daulatpur, Kajri-Noorpur, Dhakiya Tiwari, Tikri, Naibasti, Baleli, Arel Bada Mohalla, Katiya, Korokuiya, Sahbajnagar, Gadiyana, Hathaoo Bujurg, Avasvikas, Mllhar, Tarin Tikli, Rangin Chaupal, Katiya tol Eidgah etc. |

Counseling & Registration-Team DIKSHa **has counseled to** SC candidates on priority basis as per the guidelines of NSFDC and enrolled 90 candidates in different trades under NSFDC scheme and also counsel and enrolled 30 candidates in USG trade. During the counseling session Mr. Avneesh Kumar- District Manager UP Skill Development, Mr. Tribhuvan Singh- District Employment Officer & Mr. C.S. Joshi- LDM Bank of Baroda ware participated as counselor.

| S.No. | Trade/ Job roll | Enrollment | Dropouts |
|-------|------------------------------|------------|----------|
| 1 | GDA (General Duty Assistant) | 30 | 0 |
| 2 | EDS (Assistant Electrician) | 30 | 0 |
| 3 | CRM Domestic Voice | 30 | 0 |
| 4 | USG (Unarmed Security Guard) | 30 | 0 |
| | Total | 120 | 0 |

Training Delivery- During the training we used different kind of training methodology like-AV Classes, Group Discussion, PD Classes & Practical & Theory.

Monthly Test- Conducting regular monthly test for ongoing batches to assess the knowledge level of trainees.

| Sr.No | | | | | | | A MULTINE R | |
|-------|---------|--------------------------|--------------------------|---------------------------|---------------|-----------------|----------------|--------------------|
| | E Code | Employee Name | Father Name | Designation | Date of Birth | Date of Joining | Medical Report | Remarks |
| 1 | 0008974 | 1 | S/O RAIBEER SINGH | Executive | 19-09-1995 | 05-06-2018 | Found ok | |
| 2 | 0009294 | Ashu Chauhan | S/O DEVRAJ SINGH | Engineer | 03-04-1991 | 08-09-2018 | Found ok | 1 |
| - | 0009314 | - | S/O ANIL KUMAR SINGH | Engineer | 08-03-1993 | 20-09-2018 | Found ok | |
| 4 | 0008650 | - | S/OD. S. RAWAT | Deputy Manager | 15-04-1979 | 25-12-2017 | Found ok | |
| | 0009767 | - | S/O LATE MADAN MOHAN LAL | Assistant General Manager | 04-02-1978 | 20-07-2019 | Found ak | |
| 1 10 | 0009796 | | S/D NATTHU SINGH CHAUHAN | Senior Executive | 07-06-1980 | 03-08-2019 | Found ok | Examination |
| | 0009838 | | S/O CHANDRA BHAN SINGH | Deputy Manager | 01-02-1978 | 19-08-2019 | Found ok | Conducted Vision |
| x | 0010033 | | S/O MAHESH CHAND YADAV | Executive Trainee | 16-11-1995 | 17-10-2019 | Found ak | Chest, Spieen, |
| 0 0 | 0010159 | Shivam Pandev | S/O SHIV BAHADUR PANDEY | Executive Trainee | 08-10-1998 | 07-12-2019 | Found ok | Liver, Skin, Blood |
| 10 | 0010160 | tai Rharat Singh | S/O RAM MOHAN SINGH | Executive Trainee | 08-09-1991 | 07-12-2019 | Found ok | Sugar, Blood |
| 11 | 0010161 | Vikram Tripathi | S/O NAND KUMAR TRIPATHI | Executive Trainee | 17-09-1994 | 07-12-2019 | Found ok | Pressure, Personal |
| 17 | 0010177 | Alav Kumar Gautam | S/O LATE SHYAM LAL | Senior Engineer | 01-06-1982 | 15-01-2020 | Found ak | Hygiene |
| 13 | 400001 | Prem Pal | S/O RAM RATAN | SENIOR ELECTRICIAN | 15-03-1972 | 20-08-2018 | Found ok | |
| 14 | 400002 | Bhupendra Kumar | S/O SUNDER LAL VERMA | Distillation Operator | 03-07-1984 | 05-09-2018 | Found ok | |
| 15 | 400003 | Pravendra Kumar | S/O SOHANVEER SINGH | Fermentation Operator | 25-03-1985 | 05-09-2018 | Found ok | |
| 16 | 400004 | Anui Kumar | S/O RAM PRATAP | Fermentation Operator | 30-12-1989 | 07-09-2018 | Found ok | |
| 17 | 400005 | Dheerai Gupta | S/O SUSHIL KUMAR GUPTA | Electrician Helper | 12-07-1978 | 01-02-1995 | Found ok | |
| 00 | 400006 | Jitendra Singh | S/O FATEH BAHADUR SINGH | Fermentation Operator | 05-02-1983 | 07-09-2018 | Found ok | |
| 19 | 400007 | BANWARI LAL | S/O SHRI SHIVRAM | Molasses Pumpman | 10-07-1969 | 19-10-1994 | Found ok | |
| 20 | 400008 | RAM BHAJAN | S/O GANGU | Molasses Pumpman | 11-03-1975 | 18-01-1995 | Found ok | |
| 21 | 400013 | Govind Singh | S/O JAIVEER SINGH | Fermentation Helper | 01-11-1987 | 28-02-2007 | Found ok | |
| 22 | 400014 | Abdhesh Singh | S/O RAJENDRA SINGH | Helper | 15-02-1984 | 28-02-2007 | Found ok | |
| 23 | 400015 | Harindra Dwivedi | S/O SATYAPRIYA DWIVEDI | Auxililery Operator | 26-03-1968 | 31-10-2006 | Found ok | |
| 24 | 400016 | Sandeep Kumar Srivastava | S/O M.L.SRIVASTAVA | Auxililery Operator | 07-06-1982 | 13-08-2007 | Found ok | |
| 25 | 400017 | Sarvesh Kumar Kashvup | S/O RAMI NATH KASHYAP | Auxililery Operator | 04-02-1977 | 27-02-2007 | Found ok | |
| 26 | 400018 | Karuna Shankar Awasthi | S/O SURESH CHAND AWASTHI | Helper | 17-07-1974 | 28-02-2007 | Found ok | |
| 27 | 400020 | Roopendra Kumar Solanki | S/O OMKAR SINGH | TURBINE OPERATOR | 07-03-1980 | 11-10-2018 | Found ok | |
| 28 | 400021 | Devvrat Singh | S/O OMPRAKASH SINGH | TURBINE OPERATOR | 01-04-1986 | 11-10-2018 | Found ok | |
| 1 62 | 400022 | Om Prakash Yadav | S/O RAM TAPESHWAR YADAV | TURBINE OPERATOR | 04-03-1985 | 15-10-2018 | Found ok | |
| 30 | 400024 | Sonoo Kumar Rajak | S/O VINDHYACHAL PRASAD | INSTRUMENT TECHNICIAN | 17-08-1991 | 15-10-2018 | Found ok | |
| 31 | 400026 | Narendra Pal | S/O NANHE LAL | INSTRUMENT TECHNICIAN | 15-03-1987 | 22-10-2018 | Found ok | |
| 32 | 400029 | Ravi Kumar Vishwakarma | S/O AWADH BIHARI | BOILER ATTENDENT | 17-09-1972 | 12-11-2018 | Found ok | |
| 33 | 400033 | Puneet Kumar | S/O Shyamveer Singh | Excise Assistant | 07-07-1993 | 28-06-2019 | Found ok | |
| 34 | 400034 | GULBIR SINGH | S/O LT, SHRI SHIV SINGH | Distillation Operator | 08-05-1983 | 21-09-2019 | Found ok | |
| 35 | 400036 | Balendra Kumar | S/O SHAROJ SINGH | Senior Boiler Attendant | 19-02-1982 | 01-11-2019 | Found ok | |
| 36 | 400037 | Jugesh Gaur | S/O RAMDHUN GAUR | INSTRUMENT TECHNICIAN | 01-01-1993 | 20-11-2019 | Found ak | |
| 37 | 400038 | Upendra Kumar Gupta | S/O MEVALAL SHAH | BOILER ATTENDANT | 31-01-1984 | 27-11-2019 | Found ok | |
| 38 | 400039 | Narendra Kumar Tiwari | S/ORP TIWARI | Electrician | 05-07-1980 | 28-11-2019 | Found ok | 1 |

| | Y Report | on Employee's health surveillane (Oct 19 to March 20) | t 19 to March 20 | - | Mandical Dama | Domarke |
|----------------------|---------------------------|---|------------------|-----------------|----------------|---------|
| Employee Name | Father Name | Designation | Date of Birth | Date of Joining | Medical Keport | Hemarks |
| Dharmveer Singh | S/O MATHURA SINGH | Distillation Operator | 01-12-1985 | 29-11-2019 | Found ok | |
| | S/O JAGVEER SINGH | CPU Operator | 02-07-1980 | 26-12-2019 | Found ok | |
| Udav Pratap Singh | S/O YASH PAL SINGH | Microbialogist | 01-04-1992 | 26-12-2019 | Found ok | |
| Lokesh Kumar | S/O AVANISH KUMAR | FIREMAN | 01-07-1992 | 26-12-2019 | Found ok | |
| Ramesh Gaun | S/O RAMAKANT GAUN | EVAPORATOR OPERATOR | 15-07-1985 | 26-12-2019 | Found ok | |
| Abhishek Kumar | S/O JAWAHAR LAL SINGH | Shift Incharge | 01-10-1991 | 26-12-2019 | Found ok | |
| Shambhu Prasad Gunta | S/O OM PRAKASH GUPTA | FIREMAN | 01-03-1976 | 26-12-2019 | Found ok | |
| Durvesh Kumar Verma | S/O SOHAN LAL VERMA | SENIOR FITTER | 15-12-1967 | 26-12-2019 | Found ok | |
| Vishal Pandev | S/O MAHESH CHANDRA PANDEY | Electrician | 30-06-1976 | 26-12-2019 | Found ok | |
| Ramashankar Kushwaha | S/O RAMDEV KUSHWAHA | WELDER | 03-07-1989 | 26-12-2019 | Found ok | |
| Ravindra Yadav | S/O RAMAKANT YADAV | FITTER | 18-05-1980 | 26-12-2019 | Found ok | |
| Ram Ratan Sharma | S/O OM PRAKASH SHARMA | CPU Operator | 01-08-1968 | 26-12-2019 | Found ok | |
| Alav Kumar Sharma | S/O SURAJ PAL SHARMA | Warehouse Operator | 03-08-1970 | 26-12-2019 | Found ok | |
| Avneet Singh | S/O DHARMENDRA SINGH | Shift Chemist | 01-07-1991 | 26-12-2019 | Found ok | |
| Virendra Kumar | S/O CHARAN SINGH | CPU Operator | 01-07-1987 | * 26-12-2019 | Found ok | |
| Rakesh Kumar Jat | S/O SHISH RAM JAT | EVAPORATOR OPERATOR | 01-11-1996 | 26-12-2019 | Found ok | |
| Phool Chand | S/O RAM MOHAN | FITTER | 05-11-1979 | 26-12-2019 | Found ak | |
| Pankai Singh | S/O JEETBAHADUR SINGH | EVAPORATOR OPERATOR | 20-05-1995 | 26-12-2019 | Found ok | |
| Yatish Kumar | S/O VEDPAL SINGH | Warehouse Operator | 25-01-1985 | 11-01-2020 | Found ok | |
| Dhananiav Kumar | S/O RAJENDRA PRASAD | Shift Incharge | 04-10-1991 | 15-01-2020 | Found ok | |
| Rahul Kumar | S/O SHEESHPAL SINGH | Shift Incharge | 19-06-1989 | 12-03-2020 | Found ok | |
| Manmohan Singh | S/O SHIVCHANDRA SINGH | Shift Incharge | 10-07-1991 | 12-03-2020 | Found ok | |





