

Reg. A.D.

CCW-II / SD / L-29 /
08.05.2023

To,
✓ The Deputy Director General of Forests (C),
Ministry of Environment, Forest and Climate Change,
Integrated Regional Office, Jaipur, A – 209 & 218,
Aranya Bhawan, Mahatma Gandhi Road,
Jhalana Institutional Area, **Jaipur (Raj.) – 304002**

Sub : Environment Clearance compliance report of M/s New Chittor Cement Works
(also known as Chanderia Cement Works, Unit-II) Distt.- Chittorgarh,
Rajasthan.

Ref. : i). EC No. J -11011 / 33 / 95 – IA – II (I) dated 08.05.2008.
ii). EC No. J -11011 / 506 / 2010 – IA – II (I) dated 11.09.2012.

Sir,


Please find enclosed the Environment Clearance compliance report of New Chittor Cement Works (also known as Chanderia Cement Works, Unit-II) for the period – October, 2022 to March, 2023.

Soft copy of the same is also being sent on your email id: iro.jaipur-mefcc@gov.in.

For kind information please.

Thanking you,

Yours faithfully,
For: Chanderia Cement Works, Unit-II


(Vinod Paliwal)
GM (Sustainable Development)

Encloses: As above

Cc to :

The Central Pollution Control Board,
Zonal office (Central),
E-5, Link Road Number 3,
Ekant Park, Arera Colony,
Bhopal- 462016 (M.P.)

The Member Secretary,
Rajasthan State Pollution Control Board,
4, Institutional Area,
Jhalana Doongari,
JAIPUR - 302 004 (Raj.)

May/Jun 2023

ENVIRONMENT CLEARANCE COMPLIANCE STATUS REPORT PERIOD: OCTOBER 2022 TO MARCH 2023



Birla Corporation Limited
Unit-New Chittor Cement Works,
(Also known as Chanderia Cement Works Unit-II)
Chanderia, Distt: Chittorgarh (Raj.) – 312021

Name & Location of the plant	:	M/s Birla Corporation Limited, Unit: New Chittor Cement Works, Chanderia, Distt: Chittorgarh (Raj.) - 312021					
Details of the existing and proposed products with production capacity:	:						
		S. N.	Unit	Existing EC Granted Capacity for	Existing Operation Capacity	Proposed Additional Capacity	Total capacity after Expansion
		1.	Clinker Production (MTPA)	-	Under construction	-	2.0
		2.	Cement Production (MTPA)	1.2	Under construction	1.5	2.7
		3.	Thermal Power Generation (MW)	-	-	80	80
		4.	Waste heat recovery Power Generation (MW)	-	-	6	6
Environmental Clearance Letter No.	:	EC No. J -11011 / 33 / 95 – IA – II (I) dated 08.05.2008 EC No. J -11011 / 506 / 2010 – IA – II (I) dated 11.09.2012.					
Period of the Compliance Report	:	From 01 st Oct. 2022 To 31 st Mar 2023					

ENVIRONMENTAL CLEARANCE - COMPLIANCE REPORT


1.2 MTPA CEMENT PLANT “New Chittor Cement Works”

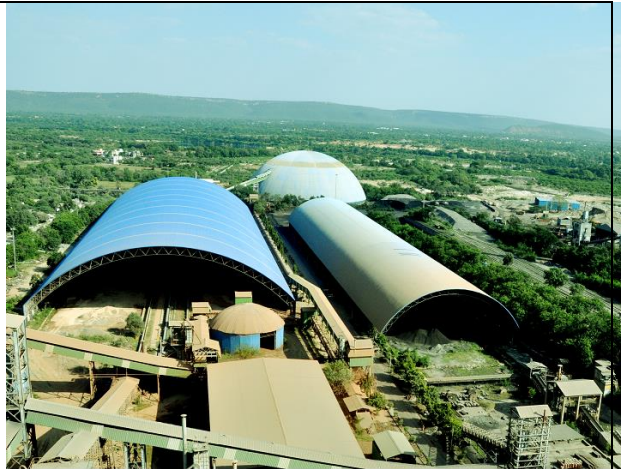
(also known as Chanderia Cement Works Unit- II)



at Chanderia, Distt. Chittorgarh, Rajasthan

MoEF Letter No. J-11011 / 33 / 95 – IA II (I) Dated 8th May 2008




A.	Specific Conditions	Compliance Status
(i)	The company shall comply with all the commitments made during public hearing held on 17 th February, 2005.	All the commitments made during Public Hearing are complied.
(ii)	The Company shall comply with all the conditions mentioned in No Objection Certificate issued by Rajasthan Pollution Control Board vide their letter no. F.12(1676) RPCB/NOC/ Grade.III/455 dated 31 st March, 2000 followed extension letter vide no.F.12(CH-47) RPCB/Grade.III /2037	Complied with all.
(iii)	The company shall obtain the fresh permission for the water supply and raw material supply to the plant within 3 months from competent authorities and submit the documents to the ministry and its regional Office at Lucknow.	Rainwater collected in abandoned captive mine pit is being used. Drinking water is also supplied to Chittorgarh city residents. Lime stone- from existing captive mine. We have sufficient rainwater in our Mine pits for the above purpose and hence – “N.A.”
(iv)	Total ground water requirement shall not exceed 1050 KLD and prior ‘permission’ for the drawl of ground water shall be obtained from the SGWB/CGWA and copy of the permission shall be submitted to Ministry’s Regional Office at Lucknow within 3 months from the date of receipt of this letter. The project authorities shall install sewage treatment plant to treat domestic sewage and treated sewage shall be utilized for the green development, No waste water shall be discharged outside the premises and ‘zero’ discharged shall be ensured.	We have captive source of water in our premises by collecting rainwater in our abandoned mine pit. The rainwater collected is being utilized for Plant operations & domestic purpose. Further, we are also supplying drinking water in association of PHED, Chittorgarh, Rajasthan to the residents of Chittorgarh city for drinking as well as their utility purpose. Company works on the principle of ‘Zero Liquid Discharge’ and no water is being released from our boundaries and 100% treated water is used for horticulture, plantation and spray on Kuccha area for purposefully.
	 <p>Mines Pit</p>	 <p>Sewage Treatment Plant (500 KLD)</p>




(v)	In the proposed cement plant, the company shall install bag filters for kiln, raw mill, cement mill and coal mill sections instead of ESP's as earlier planned by project authorities. The company shall ensure that the particulate emissions from the stacks of the proposed plant shall not exceed 50 mg / Nm ³ .	To ensure the stack emission levels within norms, we have installed Bag filters for Kiln, Raw Mill, Cement Mill, Coal Mill & ESP for Cooler and periodical & continuous measurement are being taken and the results displayed at RSPCB & CPCB website are well within the limits. Data enclosed as Annexure-1 .																																			
(vi)	The company shall install continuous monitoring facility for particulate emission in all the stacks and interlock arrangement with the air pollution control equipment shall be provided. In case of increase in emission level the manufacturing process shall automatically stop so that no excess pollution load shall go into the environment.	<p>All the major stacks are attached with CEMS to monitor the emission level and real time data are being uploaded at RSPCB & CPCB servers.</p> <p>A fulltime contract has also being given to M/s Indexel Engineering Pvt. Ltd. to continuously transfer the on-line data uninterruptedly to the RSPCB and CPCB sites as well as Plant main gate. Further the Unit monitoring team also regularly monitors the stack emissions along with E&I team for all emissions well within the limits.</p> <div></div> <p style="text-align: center;">CEMS installed at Stacks</p>																																			
(vii)	The company shall undertake regular ambient air quality monitoring at Chittorgarh fort and submit data to the Regional office of the Ministry of Environment and Forests and SPCB. The locations of ambient air quality monitoring stations shall be set up as per statutory requirement in consultation with the Rajasthan State Pollution Control Board (RSPCB) and additional stations shall be installed, if required, in the downwind direction as well as where maximum ground level concentrations are anticipated.	<p>Ambient Air Quality at Fort in µg/m³.</p> <table><tr><th>Month</th><th>PM₁₀</th><th>PM_{2.5}</th><th>SO₂</th><th>NO₂</th></tr><tr><td>Oct, 22</td><td>69</td><td>43</td><td>9</td><td>30</td></tr><tr><td>Nov, 22</td><td>60</td><td>45</td><td>8</td><td>27</td></tr><tr><td>Dec, 22</td><td>65</td><td>40</td><td>7</td><td>26</td></tr><tr><td>Jan, 23</td><td>70</td><td>43</td><td>6</td><td>25</td></tr><tr><td>Feb, 23</td><td>75</td><td>49</td><td>8</td><td>29</td></tr><tr><td>Mar, 23</td><td>77</td><td>52</td><td>8</td><td>28</td></tr></table>	Month	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	Oct, 22	69	43	9	30	Nov, 22	60	45	8	27	Dec, 22	65	40	7	26	Jan, 23	70	43	6	25	Feb, 23	75	49	8	29	Mar, 23	77	52	8	28
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(viii)	<p>The industry shall take effective measures to control the fugitive emissions in the cement bagging section of the existing unit. The workers shall not be allowed to work without wearing protective devices like face masks and hand gloves in the cement bagging section.</p>	<p>Unit is following the fugitive emission guidelines by CPCB & emissions are regularly monitored as per the prescribed schedule.</p> <p>Bag filters installed at all packing machines. Facemask, hand gloves, safety shoes and helmets are provided to workmen.</p> <p>All the Packing Plant Bagging section are provided with most efficient Bag Filters. Bag filters are periodically maintained by the Inspection & Maintenance team at Plant level. Further the efficiency of the Bag filter is monitored & health check-up of equipment is done periodically. Unit has also carried out Health & Hygiene survey by M/s Arvind Associates, Raipur for QLEA & QNEA for the workmen. The report depicts that there are no significant impacts on the health of workman.</p>
(ix)	<p>Bag house/filters shall be provided to control the fugitive emissions during loading and unloading. The project authorities shall store all the raw materials except limestone in the covered sheds to control fugitive emissions.</p>	<p>Bag filters wherever required has been provided. All raw material are stored in covered sheds.</p> <div data-bbox="932 1037 1549 1503">  </div> <p>Covered Shed for Raw Materials</p>
(x)	<p>The company shall make all the internal roads pucca before commissioning of the production and with arrangement of water sprinkling along the roads in the premises.</p>	<p>The internal roads are concreted and allotted six nos. water sprinkling tankers for dust suppression and 6 nos. vacuum cleaners for cleaning of roads. Continuous monitoring of operation of there is undertaken by internal Emission Control teams.</p>



	 <p style="text-align: center;">Road Sweeper</p>	 <p style="text-align: center;">Water Tanker</p>
(xi)	<p>Proper housekeeping and adequate occupational health programmes must be taken up. Occupational Health Surveillance programme should be done on a regular basis and records maintained. The programme must include lung function and sputum analysis tests once in six months.</p>	<p>Housekeeping is maintained as per the prescribed schedule. Unit also performed Health & Hygiene survey by M/s Arvind Associates, Raipur.</p> <p>Periodical medical examination is being carried out for all the employees on regular basis, as per Factory Act and records being maintained. Sample of medical report is enclosed as Annexure – 2.</p>
(xii)	<p>The working space for environmental lab shall be enhanced as the existing one is found to be very congested and inadequate. The laboratory shall also be strengthened by posting qualified personnel.</p>	<p>A Environment Lab is developed with sufficient, qualified & experienced manpower for regular monitoring. All laboratory staff are Graduate & Post graduate in Environment sciences and are well qualified & trained to perform different monitoring & analysis of emission and effluent parameters. Unit is ISO14001 certified from BVQI and maintains the prescribed standards.</p> <div style="text-align: right;">  </div> <p style="text-align: center;">Environment Lab</p>

(xiii)	Comprehensive Environmental Impact Assessment / Environmental Management Plan study must be carried out for existing and proposed cement unit and the captive mine due to proximity of the Chittorgarh fort before and after commissioning of the proposed cement plant.	Environmental Impact Assessment carried out before commissioning of the plant and another assessment carried out after commissioning and continuous operation of the plant.
(xiv)	A regular survey shall be carried out within the radius of 10 km of the cement plant to assess the impacts of cement plants and mines on the health of population and vegetation.	Being complied.
(xv)	The Company shall follow CPCB guidelines for development of green belt and control of secondary fugitive emissions. The company shall develop at least 30 m. wide uninterrupted green belt towards the chittorgarh Fort to mitigate the effect of residual and fugitive emissions.	More than 38% of the area is covered with greenbelt. Greenbelt developed between the Plant and the Fort.
(xvi)	The project authorities shall make effort to use high calorific value hazardous waste in the kiln and accordingly necessary provision in the kiln shall be made.	<p>We are using high calorific value hazardous waste in the kiln as per the authorization. Presently, we are co-processing, Waste mix solid & liquid, Textile industry sludge, FMCG, RDF & plastic waste etc.</p> <p>A dedicated AFR cell operates at Corporate & Unit level for utilization of various type of Hazardous as well as Non-hazardous Waste being generated from other industries.</p> <p>Company has invested around 100 Cr. for installation of AFR feeding facilities. Both liquid as well as Solid Waste are being utilized for co-processing. At present the TSR is around 7% and will lead 15% up to 2024.</p> <div data-bbox="909 1438 1485 1801" data-label="Image"> </div> <p>Storage & Feeding Area</p>

(xvii)	<p>The project authority shall transport the raw material and the product in covered means. The vehicles used for transportation shall be maintained properly and comply with the prevailing standards for emission.</p>	<p>All the raw materials are transported in closed bulkers and trucks. Vehicles are maintained in good conditions. Further to reduce our Carbon footprints in terms of scope 3 emissions, we have initiated transportation of bulk product i.e. Cement dispatch through Concor by Rail. The loose cement is packed in jumbo bags and filled in rail concor and sold to remote areas for sales.</p> <div data-bbox="911 487 1539 856">  </div> <p>Cement dispatch through Concor by Rail</p>
(xviii)	<p>Out of total 207.25 ha, 79 ha shall be developed as green belt as per the guidelines of Central Pollution Control Board to mitigate the effect of fugitive emission</p>	<p>A dense greenbelt has been developed in the vicinity of plant and colony. The total area covered under greenbelt is 79 Hectare, out of 207.25 Hectare with local and different species, around 1.12 Lac trees are flourishing mainly and covering area around 38%. Various species such as Azadirachta indica, Ficus benghalensis, Ficus religiosa, Mangifera indica, Phyllanthus emblica, Annona squamosa & Aegle marmelos etc. are flourishing in and our operations as well as residential areas.</p>
		

		
(xix)	<p>The project authorities shall provide a health center with all emergency medicines and ambulance along with full time doctor. Occupational health surveillance of the workers shall be carried out on a regular basis and records shall be maintained as per the Factories Act.</p>	<p>We have 3 Nos. Occupational health centers with all emergency medicines and ambulance - looked after by a full time MBBS Doctors. Occupational surveillance of workers are carried out on regular basis and records are being maintained. Sample of medical report is enclosed as Annexure – 2. Further the unit has carried out Qualitative & Quantitative Health impact assessment from Arvind Industrial Hygiene Consultancy, Raipur for its workmen. Company is being operating M.P. Birla Hospital in the Chittorgarh city with 150 Bed facilities having multi-specialty doctors round the clock.</p> <div data-bbox="909 926 1500 1373">  <p>Advance Life support Ambulance</p> </div>
(xx)	<p>The project authorities shall obtain all other necessary statutory clearances from the concerned departments including 'No Objection Certificate' from the Rajasthan Pollution Control Board (RPCB) prior to commencement of construction.</p>	<p>NOC had been obtained from SPCB and submitted to MoEF&CC prior to E.C. as per 1994 Notification.</p>
(xxi)	<p>All the recommendations mentioned in the Corporate Responsibility for Environment Protection (CREP) guidelines for the cement plant shall be followed and complied.</p>	<p>The recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Cement plants has been implemented.</p>

B.	General Conditions	Compliance Status
(i)	The project authorities shall strictly adhere to the stipulations of the SPCB / State Government or any other statutory body.	We strictly follow Rules & Regulations stipulated by SPCB & CPCB.
(ii)	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. 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 required, if any.	Noted for compliance.
(iii)	The gaseous emissions (SO ₂ , NO _x) and particulate matter levels from various process units shall conform to the standards prescribed by the concerned authorities from time to time. At no time, the emissions shall exceed the prescribed limits. In the event of failure of any pollution control system adopted by the units, the unit shall be immediately put out of pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.	<p>Unit is maintaining PM, SO₂ & NO_x emissions within the prescribed limits of MoEF&CC Gazette notification for Cement Plant. As per the guidelines issued by CPCB during 2017 on Continuous Emission & Monitoring System, unit has installed CEMS during 2015 for continuous monitoring.</p> <p>The data are continuously being transferred to SPCB and CPCB as well as displayed at unit main gate. The Environment Department & Instrumentation Department regularly perform the health checkup all the analyzers periodically. The analyzers of emissions are calibrated & emissions are well within the prescribed limits. The emissions control equipment are well maintained by the Inspection & maintenance teams. Regular health check of pollution control equipment like Bag filter/ Bag Houses and ESPs are done regularly.</p>
(iv)	The company shall undertake following Waste Minimization measures.	
	➤ Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.	Flyash - waste material of Power plant is used in Cement manufacturing. All the semi-product or product or by-product are used in system and closely monitored.
	➤ Use of “Closed pneumatic” system for transport of fine material	Closed pneumatic system is provided for transfer of fine coal, raw meal, flyash, and cement in the Unit.
	➤ All venting systems shall be connected with dust arresting equipments.	Dust collectors are provided at all venting points with efficient Bag filters to minimize any emissions.
	➤ Dust collect in pollution control equipments shall be reused.	Dust collected is recirculated in the process by closed pneumatic systems in the unit.

(v)	Fugitive emissions in the work zone environment, product, and raw materials storage area shall be regularly monitored. The emissions shall conform to the limits imposed by the State pollution Control Boards / Central Pollution Control Board.	Unit follows the CPCB guideline on fugitive emission control in the cement manufacturing process. Regular monitoring of fugitive emission is being carried out at identified locations in the plant i.e. Packing plant, Coal Mill, Raw Mill, Storage yard etc.
(vi)	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 rules, 1989 viz.75 dBA (day time) and 70 dBA (night time).	<p>Necessary control equipment have been provided in all the machinery & equipment for control of noise. Regular maintenance is being done of all the equipment with qualified teams.</p> <p>Periodical measurements are being taken and the results are well within the limits. Data enclosed as Annexure - 3.</p>
(vii)	The project authorities shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemical Rules, 1989 as amended and Hazardous Waste (Management and Handling) Rules, 1989, as amended from time to time. Authorization from the SPCB shall be obtained for collection, treatment, storage, and disposal of hazardous wastes.	Authorization under Hazardous waste (Management, Handling and Transboundary Movement) Rules 2016 is valid up to 31.05.2025. Around 64 types of various Hazardous Waste permission has been obtained for co-incineration in the unit. A dedicated AFR Solid & Liquid feeding system has been developed.
(viii)	Rainwater harvesting shall be done within the premises. Ground water recharge structures shall be installed around the plant area in consultation with local authorities to contain the ground water table.	Developed recharge measures/systems inside plant, mines & colony for harvesting of rain water. The abandoned mines pit is being collected with rainwater and nearby area water level is also at ground level & water is available round the year for different activities for nearby village people also.
	 <p>Rooftop rain water recharge well</p>	 <p>Rooftop rain water harvesting board</p>

(ix)	<p>The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment. The eco-development plan should be submitted to the SPCB within three months of receipt of this letter for approval.</p>	<p>Number of awareness, training, CSR and eco development projects are undertaken and we are organizing the same regularly in the core zone and buffer zone for our stakeholders in nearby communities. By our different initiatives 15,889 nos. of community members have been benefited so far in FY 2022-23. Various village level as well as urban level committees are being formulated for the development of nearby communities. Unit has separate policy on CSR and CSR activities are being organized under five main categories as under:</p> <ul style="list-style-type: none"> ➤ Education ➤ Health & Water ➤ Skill Development of Youth & Women ➤ Development of Rural Infrastructure ➤ Livelihood Enhancement <p>The dedicated Sustainable Development team organizes various village level program for overall development of people. Plantation drives are conducted in nearby villages for overall community development. Various NGOs are also engaged to directly outlook upon the CSR development program. Local village people directly interact with NGO to implement various social activities for overall development of village. Attached as Annexure – 8.</p>
(x)	<p>The project authorities shall earmark adequate fund to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.</p>	<p>Noted for compliance.</p> <p>Fund availability is not the constraints for Environment & Safety proposals. The annual Budget for both Opex as well as Capex is formulated & Board approves the same. The Budget is monitored by unit Commercial team & allocated fund are being utilized.</p>

(xi)	A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	<p>A full-fledged Environment Cell with dedicated Lab with qualified manpower headed by GM, Sustainable Development for Environment management and monitoring has been established by the unit as under:</p> <table border="1" data-bbox="911 342 1502 716"> <tr> <td colspan="3">Manpower engaged:</td></tr> <tr> <td>General Manager (Sustainable Development)</td><td>:</td><td>01</td></tr> <tr> <td>Dy. General Manager</td><td>:</td><td>01</td></tr> <tr> <td>Sr. Manager</td><td>:</td><td>01</td></tr> <tr> <td>Dy. Manager</td><td>:</td><td>02</td></tr> <tr> <td>Astt. Manager</td><td>:</td><td>01</td></tr> <tr> <td>Assistants</td><td>:</td><td>04</td></tr> <tr> <td>Drivers</td><td>:</td><td>07</td></tr> </table>	Manpower engaged:			General Manager (Sustainable Development)	:	01	Dy. General Manager	:	01	Sr. Manager	:	01	Dy. Manager	:	02	Astt. Manager	:	01	Assistants	:	04	Drivers	:	07
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Drivers	:	07																								
(xii)	The implementation of the project vis-a-vis environmental action plans shall be monitored by the concerned Regional Office of the Ministry / SPCB / CPCB. A six monthly compliance status report shall be submitted to monitoring agencies and shall be posted on the website of the Company.	<p>Complied with</p> <p>Six monthly compliance report was sent to all concerned authorities vide letter no. CCW-II/Env/L-29/2006 dtd 28.11.2022.</p> <p>Further six monthly compliance report is also being sent to CPCB / SPCB / MoEF&CC, Zonal office and also posted at Company's website: https://birlacorporation.com</p>																								
(xiii)	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 and may also be seen at Website of the Ministry at http://envfor.nic.in . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.	Complied, same has been advertised within seven days from the clearance in 2 local newspaper widely circulated in the region.																								
(xiv)	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	Complied.																								

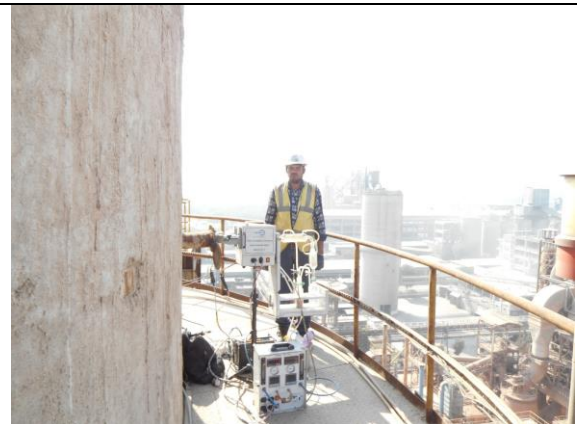

ENVIRONMENTAL CLEARANCE - COMPLIANCE REPORT




2.7 MTPA CEMENT PLANT “New Chittor Cement Works”



(also known as Chanderia Cement Works Unit- II)

at Chanderia, Distt. Chittorgarh, Rajasthan

MoEF Letter No. J-11011 / 506 / 2010 – IA II (I) Dated 11th September, 2012


A.	Specific Conditions	Compliance Status
(i)	Continuous stack monitoring facilities to monitor gaseous emissions from all the stacks shall be provided. After expansion, limit of SPM shall be controlled within 50 mg/Nm ³ by installing adequate air pollution control system. Electrostatic precipitators to clinker cooler, bag house to raw meal/kiln and bag filters to coal mill and cement mill. Low NOX burners should be provided to control NOX emissions.	<p>Complied with.</p> <p>Continuous emission monitoring system provided at all the stacks and APCE are upgraded to meet norms of PM 30 mg/Nm³. Low NOx burner provided to control NOx emission. For expansion project all APCEs shall be upgraded. Monitoring data for plant in operation are attached as Annexure – 1.</p>  <p>Stack Monitoring</p>
(ii)	The National Ambient Air Quality Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be followed.	<p>Ambient Air Quality monitoring data enclosed as Annexure - 4.</p>  <p>AAQ Monitoring</p>




(iii)	Secondary fugitive emissions shall be controlled and shall be within the prescribed limits and regularly monitored. Guidelines / Code of Practice issued by the CPCB in this regard should be followed.	<p>Unit is following the fugitive emission guidelines by CPCB & emissions are regularly monitored as per the prescribed schedule.</p> <p>To control fugitive emission, all sources of emission are equipped with bag filter, water spray system. All materials are stored in covered shade and silos.</p>
	 <p style="text-align: center;">Fogging System</p>	 <p style="text-align: center;">Micro mist water Spray System</p>
(iv)	Measures shall be undertaken to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land. All the raw materials including fly ash should be transported in the closed containers only and shall not be overloaded. Vehicular emissions should be regularly monitored.	<p>All the raw materials including flyash are being transported through pneumatically / covered vehicle or closed containers. Fir control of vehicular emission, unit periodically conduct maintenance and checking of PUC of all vehicles. PUC certificates enclosed as Annexure - 5.</p>  <p style="text-align: center;">Flyash Tanker / Bulker</p>
(v)	The company shall have separate truck parking area. The details regarding same including photographs shall be submitted to the Ministry and its Regional Office at Lucknow within 3 months from the date of issue of the letter.	Company have separate truck parking which is fully paved having area approx. 42100 Sq Meter. The details of the same is enclosed as Annexure - 6 .

(vi)	<p>Total water requirement shall not exceed 2,530 m³/day. Efforts shall be made to further reduce water consumption by using air cooled condensers. All the treated wastewater shall be recycled and reused in the process and/or for dust suppression and green belt development and other plant related activities etc. No process wastewater shall be discharged outside the factory premises and 'zero' discharge should be adopted.</p>	<p>We have captive source of water in our premises by collecting rainwater in our abandoned mine pit. The rainwater collected is being utilized for Plant operations & domestic purpose. Further, we are also supplying drinking water in association of PHED, Chittorgarh, Rajasthan to the residents of Chittorgarh city for drinking as well as their utility purpose.</p> <p>Company works on the principle of 'Zero Liquid Discharge' and no water is being released from our boundaries and 100% treated water is used for horticulture, plantation and spray on Kuccha area for purposefully.</p>
	 <p style="text-align: center;">Mines Pit</p>	 <p style="text-align: center;">Sewage Treatment Plant (500 KLD)</p>
(vii)	<p>Efforts shall be made to make use of rain water harvested. If needed, capacity of the reservoir should be enhanced to meet the maximum water requirement. Only balance water requirement shall be met from other sources.</p>	<p>Rainwater collected in abandoned mine pit is being used. We have sufficient water in our Mine pits for plant operation. In addition to above, we have arrangement for rooftop rainwater harvesting and recharging of wells.</p>
(viii)	<p>Regular monitoring of influent and effluent surface, sub-surface and ground water should be ensured and treated wastewater should meet the norms prescribed by the State Pollution Control Board or described under the Environment (Protection) Act, 1986 whichever are more stringent. Leachate study for the effluent generated and analysis should also be regularly carried out and report submitted to the Ministry's Regional Office at Lucknow, SPCB and CPCB.</p>	<p>To ensure the quality of treated water periodic analysis are being done. Water quality data is enclosed as Annexure – 7.</p>

(ix)	All the bag filter dust, raw meal dust, coal dust, clinker dust and cement dust from pollution control devices should be recycled and reused in the process and used for cement manufacturing. Spent oil and batteries shall be sold to authorized recyclers / reprocessors only.	The dust collected in APCE are re-circulated in the process and used oil & batteries are being sold to authorized recyclers / re-processors.			
(x)	All the fly ash shall be utilized as per Fly ash Notification, 1999 subsequently amended in 2003. Efforts should be made to use fly ash maximum in making Pozollona Portland Cement (PPC).	Manufacturing of flyash based cement is being increased regularly. During FY 2022-23 we have utilized 10,62,586 MT flyash for cement manufacturing.			
(xi)	Efforts shall be made to use low-grade lime, more fly ash and solid waste in the cement manufacturing.	We are using maximum flyash, solid waste & low grade limestone in cement manufacturing as per BIS norms.			
(xii)	An effort shall be made to use of high calorific hazardous waste in the cement kiln and necessary provision should be made accordingly.	We have use high calorific value hazardous waste in the kiln as per authorization. Presently, around 64 types of various Hazardous Waste permission has been obtained for co-incineration in the unit. A dedicated AFR Solid & Liquid feeding system has been developed.			
(xiii)	As proposed, green belt shall be developed in at least 33 % area in and around the cement plant as per the CPCB guidelines to mitigate the effects of air emissions in consultation with local DFO.	<p>A dense greenbelt has been developed in the vicinity of plant and colony. The total area covered under greenbelt is 79 Hact, out of 207.25 Hact with local and different species, around 1.12 Lac trees are flourishing mainly and covering area around 38%.</p> <table border="1"> <tr> <td>Plantation Target (23-24)</td> <td>-</td> <td>15000 Nos.</td> </tr> </table>	Plantation Target (23-24)	-	15000 Nos.
Plantation Target (23-24)	-	15000 Nos.			
(xiv)	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Cement plants should be implemented.	The recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Cement plants is implemented.			
(xv)	All the commitments made to the public during the Public Hearing / Public Consultation meeting held on 27th June, 2011 shall be satisfactorily implemented and a separate budget for implementing the same shall be allocated and information submitted to the Ministry's Regional Office at Lucknow.	<p>In the Public hearing, most of the points were raised by the stakeholders were related to infrastructure development, facilities on health & hygiene, educational support, drinking water facilities, supply & development of water hut / piau and employment to local resident.</p> <p>All the commitments have been completed and fund availability is not the constraints for Environment & Safety proposals. The detailed report of FY 2022-23 is attached as Annexure - 8.</p>			

(xvi)	At least 5 % of the total cost of the project shall be earmarked towards the Enterprise Social Commitment based on Public Hearing Issues and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office at Lucknow. Implementation of such program shall be ensured accordingly in a time bound manner.	Total expenditure from 2013-14 to 2022-23 is Rs 7.29 Cr. Number of awareness, training, CSR and eco development projects are undertaken and we are organizing the same regularly in nearby area for stakeholders.
(xvii)	The company shall provide housing for construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Complied with
(xviii)	The Company shall submit within three months their policy towards Corporate Environment Responsibility which should inter-alia address (i) Standard operating process/ procedure to bring into focus any infringement/deviation/violation of environmental or forest norms/conditions, (ii) Hierarchical system or Administrative order of the Company to deal with environmental issues and ensuring compliance to the environmental clearance conditions and (iii) System of reporting of non compliance/violation environmental norms to the Board of Directors of the company and/or stakeholders or shareholders.	Company have EMS policy covering standard operating process, Administrative order of the Company to deal with environmental issues and system of reporting of non-compliance / violations of environmental norms to the Board of Directors.
B.	General Conditions	Compliance Status
(i)	The project authority shall adhere to the stipulations made by RSPCB and State Government.	We strictly follow Rules & Regulations stipulated by RSPCB.
(ii)	No further expansion or modification of the plant shall be carried out without prior approval of this Ministry.	Noted for compliance
(iii)	The gaseous emissions from various process units shall conform to the load/mass based standards notified by this Ministry on 19th May, 1993 and standards prescribed from time to time. The RSPCB may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location.	Unit is maintaining PM, SO ₂ & NO _x emissions within the prescribed limits of MoEF&CC Gazette notification for Cement Plant. As per the guidelines issued by CPCB during 2017 on Continuous Emission & Monitoring System, unit has installed CEMS during 2015 for continuous monitoring.

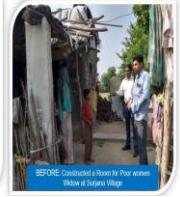
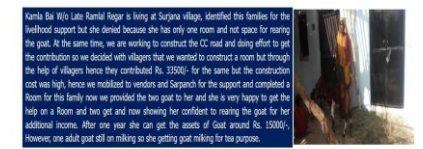
	At no time, the emission level shall go beyond the prescribed standards. Interlocking facilities shall be provided so that process can be automatically stopped in case emission level exceeds the limit.	The data are continuously being transferred to SPCB and CPCB as well as displayed at unit main gate. The Environment Department & Instrumentation Department regularly perform the health checkup all the analyzers periodically. The analyzers of emissions are calibrated & emissions are well within the prescribed limits. The emissions control equipment are well maintained by the Inspection & maintenance teams. Regular health check of pollution control equipment like Bag filter/ Bag Houses and ESPs are done regularly.
(iv)	The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) 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 Environmental (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	<p>All the sources of noise are enclosed with acoustic hoods provide with silencers, covered shed / curtain and a dense greenery is developed in and around the plant.</p> <p>Periodical measurements are being taken and the results are well within the limits. Data enclosed as Annexure - 3.</p> <div data-bbox="922 877 1511 1367">  <p style="text-align: center;">Acoustic Enclosure</p> </div>
(v)	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	As per Factory Act, periodical medical examination is being carried out for all the employees on regular basis. We have 3 Nos. Occupational health centers with all emergency medicines and ambulance - looked after by a full time MBBS Doctors. Occupational surveillance of workers are carried out on regular basis and records are being maintained. Sample of medical report is enclosed as Annexure – 2. Further the unit has carried out Qualitative & Quantitative Health impact assessment from Arvind Industrial Hygiene Consultancy, Raipur for its workmen. Company is being operating M.P. Birla Hospital in the Chittorgarh city with 150

		<p>Bed facilities having multi-specialty doctors round the clock.</p>  <p>Health Checkup Camp</p>
(vi)	All the environment management measures given in the EIA/EMP shall be implemented and complied with.	Environment management measures shall be implemented.
(vii)	The company shall develop rain water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.	Developed recharge measures/systems inside plant, mines & colony for harvesting of rain water. The abandoned mines pit is being collected with rainwater and nearby area water level is also at ground level & water is available round the year for different activities for nearby village people also.
	 <p>Rooftop rain water recharge well</p>	 <p>Rooftop rain water harvesting board</p>
(viii)	Proper housekeeping and adequate occupational health programmes shall be taken up as per the Factory Act.	<p>Housekeeping is maintained as per the prescribed schedule. Unit also performed Health & Hygiene survey by M/s Arvind Associates, Raipur.</p> <p>Periodical medical examination is being carried out for all the employees on regular basis, as per Factory Act and records being maintained. Sample of medical report is enclosed as Annexure – 2.</p>

(ix)	<p>The company shall undertake eco-development measures including community welfare measures in the project area.</p>	<p>Number of awareness, training, CSR and eco development projects are undertaken and we are organizing the same regularly in the core zone and buffer zone for our stakeholders in nearby communities. By our different initiatives 15,889 nos. of community members have been beneficated so far in FY 2022-23. Various village level as well as urban level committees are being formulated for the development of nearby communities. Unit has separate policy on CSR and CSR activities are being organized in categories as under:</p> <ul style="list-style-type: none"> • Health Care • Rural Infrastructure • Education • Agriculture & Livelihood development initiatives • Skill development initiatives • Plantation activities in communities • Rainwater Harvesting measures • Women Empowerment <p>The dedicated Sustainable Development team organizes various village level program for overall development of people. Plantation drives are conducted in nearby villages for overall community development. Various NGOs are also engaged to directly outlook upon the CSR development program. Local village people directly interact with NGO to implement various social activities for overall development of village. Attached as Annexure – 8.</p>
	<div data-bbox="263 1407 659 1749" data-label="Image"> </div> <div data-bbox="683 1407 1073 1749" data-label="Image"> </div> <div data-bbox="1097 1407 1490 1749" data-label="Image"> </div> <p style="text-align: center;">Agriculture Interventions by Agri. Machineries</p>	



Animal Husbandry Interventions



Enterprises Development for Poor Families



Livelihood Project



Women Skill Development Project

(x)	A separate environmental management cell to carry out various management and monitoring functions shall be set up under the control of Senior Executive.	<p>A full-fledged Environment Cell with dedicated Lab with qualified manpower headed by GM, Sustainable Development for Environment management and monitoring has been establish by the unit as under:</p> <table border="1" data-bbox="922 365 1511 743"> <tr> <td colspan="3">Manpower engaged:</td></tr> <tr> <td>General Manager (Sustainable Development)</td><td>:</td><td>01</td></tr> <tr> <td>Dy. General Manager</td><td>:</td><td>01</td></tr> <tr> <td>Sr. Manager</td><td>:</td><td>01</td></tr> <tr> <td>Dy. Manager</td><td>:</td><td>02</td></tr> <tr> <td>Astt. Manager</td><td>:</td><td>01</td></tr> <tr> <td>Assistants</td><td>:</td><td>04</td></tr> <tr> <td>Drivers</td><td>:</td><td>07</td></tr> </table> <p>Environmental Management Cell setup enclosed as Annexure - 9</p>	Manpower engaged:			General Manager (Sustainable Development)	:	01	Dy. General Manager	:	01	Sr. Manager	:	01	Dy. Manager	:	02	Astt. Manager	:	01	Assistants	:	04	Drivers	:	07
Manpower engaged:																										
General Manager (Sustainable Development)	:	01																								
Dy. General Manager	:	01																								
Sr. Manager	:	01																								
Dy. Manager	:	02																								
Astt. Manager	:	01																								
Assistants	:	04																								
Drivers	:	07																								
(xi)	The requisite funds shall be earmarked towards total capital cost and recurring cost/annum for environmental pollution control measures and used judiciously to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. The funds so provided shall not be diverted for any other purpose.	Fund availability is not the constraints for Environment & Safety proposals. The annual Budget for both Opex as well as Capex is formulated & Board approves the same. The Budget is monitored by unit Commercial team & allocated fund are being utilized.																								
(xii)	The Project Authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.	Noted																								
(xiii)	A copy of clearance letter shall be sent by the 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. The clearance letter shall also be put on the web site of the company by the proponent.	Complied with																								

(xiv)	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM10 (ambient levels) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Compiled with
(xv)	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MOEF, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Lucknow/CPCB/RSPCB shall monitor the stipulated conditions.	<p>Complied with</p> <p>Six monthly compliance report was sent to all concerned authorities vide letter no. CCW-II/Env/L-29/2006 dtd 28.11.2022.</p> <p>Further six monthly compliance report is also being sent to CPCB / SPCB / MoEF&CC, Zonal office and also posted at Company's website: https://birlacorporation.com.</p>
(xvi)	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent 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 conditions and shall also be sent to the respective Regional Offices of the MOEF by e-mail.	<p>Complied with</p> <p>Environmental Statement for financial year ending 31st March 2022 sent to all concerned vide letter no.- CCW-II/Env/L-8/1952 dated 16.09.2022.</p>
(xvii)	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 RSPCB and may also be seen at the Website of the Ministry of Environment and Forests at http://envfor.nic.in . This should be advertised within seven days from the date of issue of the clearance letter at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the Regional office at Lucknow.	Complied, same has been advertised within seven days from the clearance in 2 local newspaper widely circulated in the region.

Annexure - 1

Dy. Manager-Environment

ISSUED TO:

M/s Birla Corporation Limited
Madhav nagar, P.O. Cement Factory,
Chandera, Rajasthan, India-312021

Report Number : VLL/VLS/22/21163/012
Issued Date : 31/03/23
P. Order Ref : 4560878107
P.O. Date : 16/09/22

Page 1 of 1

SAMPLE PARTICULARS: Sample Collected from Cement Mill, Chandera Cement Works UNIT-2 (NCCW)

Sample Registration Date	: 25/03/23	Sampling Date	: 15/03/23
Analysis Starting Date	: 25/03/23	Analysis Completion Date	: 31/03/23
Test Required	: Velocity, Flow rate, O ₂ , CO ₂ , PM.		
Sample collected by Vimta Labs Ltd.			

TEST REPORT

Sr.No.	Parameters	UoM	Method of Testing	Results	Emission Limits
1	Total Height of Stack	M	--	40	--
2	Dia of the Stack	M	--	1	--
3	Velocity of Flue Gas, Ve.	m/sec	USEPA Method 3	8.4	--
4	Volumetric Flow Rate	Nm ³ /Hr		17115.47	--
5	Oxygen as O ₂	%	USEPA CTM 30&34 by Combustion Analyzer	20.75	--
6	Carbon Dioxide as CO ₂	%		0.02	--
7	Particulate Matter as PM	mg/Nm ³	USEPA Method 5	4.6	30.0
8	PM-CEMS	mg/Nm ³	USEPA Method 5	2.05	--

ELV-Emission Limit Value

All values expressed in Dry basis

Instruments used for Gaseous Composition: Optima 7 Multi Gas Analyzer


Dr. SubbaReddy Mallampati
Dy. Manager-Environment

ISSUED TO:

M/s Birla Corporation Limited
Madhav nagar, P.O. Cement Factory,
Chandera, Rajasthan, India-312021

Report Number : VLL/VLS/22/21163/013
Issued Date : 31/03/23
P. Order Ref : 4560878107
P.O. Date : 16/09/22

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SAMPLE PARTICULARS: Sample Collected from NCCW Coal Mill ,VRM ,Chandera Cement Works UNIT-2

Sample Registration Date	: 25/03/23	Sampling Date	: 17/03/23
Analysis Starting Date	: 25/03/23	Analysis Completion Date	: 31/03/23
Test Required	: Velocity, Flow rate, O ₂ , CO ₂ , PM.		
Sample collected by Vimta Labs Ltd.			

TEST REPORT

Sr.No.	Parameters	UoM	Method of Testing	Results	Emission Limits
1	Total Height of Stack	M	--	55	--
2	Dia of the Stack	M	--	2	--
3	Velocity of Flue Gas, Ve.	m/sec	USEPA Method 3	6.81	--
4	Volumetric Flow Rate	Nm ³ /Hr		60917.4	--
5	Oxygen as O ₂	%	USEPA CTM 30&34 by Combustion Analyzer	12.96	--
6	Carbon Dioxide as CO ₂	%		12.81	--
7	Particulate Matter as PM	mg/Nm ³	USEPA Method 5	5.1	30.0
8	PM-CEMS	mg/Nm ³	USEPA Method 5	3.22	--

ELV-Emission Limit Value

All values expressed in Dry basis

Instruments used for Gaseous Composition: Optima 7 Multi Gas Analyzer



Dr. Subba Reddy Mallampati
Dy. Manager-Environment

ISSUED TO:

M/s Birla Corporation Limited
Madhav nagar, P.O. Cement Factory,
Chandera, Rajasthan, India-312021

Report Number : VLL/VLS/22/21163/014
Issued Date : 31/03/23
P. Order Ref : 4560878107
P.O. Date : 16/09/22

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SAMPLE PARTICULARS: Sample Collected from Cement Mill, Roller Press, Chandera Cement Works UNIT-2

Sample Registration Date	: 25/03/23	Sampling Date	: 15/03/23
Analysis Starting Date	: 25/03/23	Analysis Completion Date	: 31/03/23
Test Required	: Velocity, Flow rate, O ₂ , CO ₂ , PM.		
Sample collected by Vimta Labs Ltd.			

TEST REPORT

Sr.No.	Parameters	UoM	Method of Testing	Results	Emission Limits
1	Total Height of Stack	M	--	65	--
2	Dia of the Stack	M	--	2	--
3	Velocity of Flue Gas, Ve.	m/sec	USEPA Method 3	13.7	--
4	Volumetric Flow Rate	Nm ³ /Hr		113535.26	--
5	Oxygen as O ₂	%	USEPA CTM 30&34 by Combustion Analyzer	20.92	--
6	Carbon Dioxide as CO ₂	%		0.02	--
7	Particulate Matter as PM	mg/Nm ³	USEPA Method 5	5.40	30.0
8	PM-CEMS	mg/Nm ³	USEPA Method 5	5.34	--

ELV-Emission Limit Value

All values expressed in Dry basis

Instruments used for Gaseous Composition: Optima 7 Multi Gas Analyzer


Dr. SubbaReddy Mallampati
Dy. Manager-Environment

ISSUED TO:

M/s Birla Corporation Limited
Madhav nagar, P.O. Cement Factory,
Chandera, Rajasthan, India-312021

Report Number : VLL/VLS/22/21163/015
Issued Date : 31/03/23
P. Order Ref : 4560878107
P.O. Date : 16/09/22

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SAMPLE PARTICULARS: Sample Collected from Cooler ESP, Chandera Cement Works UNIT-2

Sample Registration Date	: 25/03/23	Sampling Date	: 20/03/23
Analysis Starting Date	: 25/03/23	Analysis Completion Date	: 31/03/23
Test Required	: Velocity, Flow rate, O ₂ , CO ₂ , PM.		
Sample collected by Vimta Labs Ltd.			

TEST REPORT

Sr.No.	Parameters	UoM	Method of Testing	Results	Emission Limits
1	Total Height of Stack	M	--	62.57	--
2	Dia of the Stack	M	--	3.75	--
3	Velocity of Flue Gas, Ve.	m/sec	USEPA Method 3	10.4	--
4	Volumetric Flow Rate	Nm ³ /Hr		278280	--
5	Oxygen as O ₂	%	USEPA CTM 30&34 by Combustion Analyzer	20.95	--
6	Carbon Dioxide as CO ₂	%		0.04	--
7	Particulate Matter as PM	mg/Nm ³	USEPA Method 5	10.02	30.0
8	PM-CEMS	mg/Nm ³	USEPA Method 5	7.52	--

ELV-Emission Limit Value

All values expressed in Dry basis

Instruments used for Gaseous Composition: Optima 7 Multi Gas Analyzer



Dr. SubbaReddy Mallampati
Dy. Manager-Environment

ISSUED TO:

Registered Office: Plot No. 142, IDA Phase -II, Cherlapally, Medchal District, Hyderabad -500 051, Telangana, India.
Corporate Office & Life Science Facility: Plot No: 5, MN Park, Genome Valley, Shameerpet, Hyderabad - 500 101, Telangana, India.
Tel: +91 40 6740 4040, www.vimta.com

M/s Birla Corporation Limited
Madhav nagar, P.O. Cement Factory,
Chandera, Rajasthan, India-312021

Report Number : VLL/VLS/22/21163/016
Issued Date : 31/03/23
P. Order Ref : 4560878107
P.O. Date : 16/09/22

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SAMPLE PARTICULARS: Sample Collected from Klin + Raw Mill (Bag House) ,Chandera Cement Works

Unit-2

Sample Registration	: 25/03/23	Sampling Date	: 20/03/23
Analysis Starting Date	: 25/03/23	Analysis Completion Date	: 31/03/23
Test Required	: Velocity, Flow rate, O ₂ , CO ₂ , PM.		
Sample collected by Vimta Labs Ltd.			

TEST REPORT

Sr.No.	Parameters	UoM	Method of Testing	Results	Emission Limits
1	Total Height of Stack	M	--	110	--
2	Dia of the Stack	M	--	5.3	--
3	Velocity of Flue Gas, Ve.	m/sec	USEPA Method 3	13.1	--
4	Volumetric Flow Rate	Nm ³ /Hr		702396	--
5	Oxygen as O ₂	%	USEPA CTM 30&34 by Combustion Analyser	10.63	--
6	Carbon Dioxide as CO ₂	%		17.1	--
7	Carbon Monoxide as CO at 10% O ₂	mg/Nm ³	USEPA Method-3A	42.43	
8	Oxides as Nitrogen as NO _x at 10% O ₂	mg/Nm ³	USEPA Method -07	350.41	1000.0
9	Sulphur dioxide as SO ₂ at 10% O ₂ Level	mg/Nm ³	USEPA Method -08	2.50	100.0
10	Particulate Matter as PM	mg/Nm ³	USEPA Method 5	12.05	30.0
11	Gaseous-CEMS SO ₂	mg/Nm ³	USEPA Method -08	1.87	--
12	Gaseous-CEMS NO _x	mg/Nm ³	USEPA Method -07	343.70	
13	PM-CEMS	mg/Nm ³	USEPA Method 5	11.59	

ELV-Emission Limit Value

All values expressed in Dry basis

Instruments used for Gaseous Composition: Optima 7 Multi Gas Analyzer



Dr.SubbaReddy Mallampati
Dy. Manager-Environment

Annexure - 2

Annual Medical Examination Form

FORM

Report of the examining authority

Annexure to Certificate No. as a result of medical examination on
Identification Mark.....

1. General development: Good/Fair/Poor
2. Height: 170 cms
3. Weight: 70.8 Kgs
4. Eyes:
 - i) Visual acuity - Distant vision (with or without glass)

Right eye: 6/18 Left eye: 6/6
 - ii) Any organic disease of eyes
 - * iii) Night blindness
 - * iv) Colour blindness
 - * v) Squint

(* to be tested in special cases)
5. Ears:
 - i) Hearing Right ear..... Left ear.....
 - ii) Any organic disease.....
6. Respiratory system:

Chest measurement

 - i) After full inspiration cms.
 - ii) After full expiration cms.
7. Circulatory system
 - i) Blood pressure 132/81 mmHg
 - ii) Pulse 84/min
8. Abdomen:
 - i) Tenderness
 - ii) Liver
 - iii) Spleen
 - iv) Tumour



Dr. Jamana Lal Bhaker
 M.B.B.S., Medical Officer
 RMC No. 50413
 MP Birla Hospital & Research Centre
 Senthil, Chittagong (Raj.)

9. Nervous system:
History of fits or epilepsy
Paralysis
Mental health
10. Locomotors system
11. Skin
12. Hernia
13. Hydrcccele
14. Any other abnormality.
15. Urine
Reaction
Albumin
Sugar
16. Ski gram of chest
17. Any other test considered necessary by the
examining authority.
18. Any opinion of specialist considered
necessary.

Signature of the examining authority

Place: Chittorgarh:



Dr. Jamana Lal Dhaker
M.B.B.S., Medical Officer
RMC No. 2310
MP Birla Hospital & Research Centre
Senthil, Chittorgarh (Raj.)

Certificate No.

Name :

Identification Marks :

Result of Lung Function Test (Spirometry)

500

Parameters	Predicted Value	Performed Value	% of Predicted
Forced Vital Capacity (FEV)			
Forced Vital Capacity 1 FEV1			
FEV1/FVC			
Peak Expiratory Flow			

Signature of the Examination Authority

Report of Medical Examination as per the recommendations of National Safety Conferences

1. Cardiological Assessment

Auscultation	S1	
	S2	
	Additional Sound	
Electrocardiograph (12 leads) findings :		Normal/Abnormal

Enclosed ECG

2. Neurological Assessment

Findings	Normal/Abnormal
Superficial Reflexes	
Deep Reflexes	
Peripheral Circulation	
Vibrational Syndromes	



Dr. Jangana Lal Dhaker
M.B.B.S., Medical Officer
RMC No. 30113
MP Birla Hospital & Research Centre
Senthil, Chitdurg (Raj.)

3. ILO Classification of Chest Radiograph :

Profusion of Pneumoconiotic opacities	Grades	Grades
Present/Absent		

Enclosed Chest Radiograph

4. Audiometry Findings :

Conduction Type	Left Ear	Right Ear
Ear Conduction	Normal/Abnormal	Normal/Abnormal
Bone Conduction	Normal/Abnormal	Normal/Abnormal

Enclosed Audiometry Report.

5. Pathological/Microbiological Investigations:

S.No	Tests	Findings
1	Blood-Tc, Dc, Hb, ESR, Platelets	WNL/Abnormal
2	Blood Sugar- Fasting & PP	WNL/Abnormal
3	Lipid profile	WNL/Abnormal
4	Blood Urea, Creatinine	WNL/Abnormal
5	Urine Routine	WNL/Abnormal
6	Stool Routine	WNL/Abnormal

Enclosed Investigation Reports.

6. Special Tests for Mn exposure

Behavioral Disturbances		Present/Not Present
	Speech Defect	Present/Not Present
Neurological Disturbances	Tremor	Present/Not Present
	Adiadocokinesia	Present/Not Present
	Emotional Changes	Present/Not Present

7. Any other Special Test Required :

Signature of the Examination Authority



Dr. Jamuna Lal Dhaker
M.B.B.S., Medical Officer
RMC No. 53103
SAIR Birla Hospital & Research Centre
Senthil, Chitorgarh (Raj.)

SANJAY MENARIYA

Male 53Years

Req. No. :

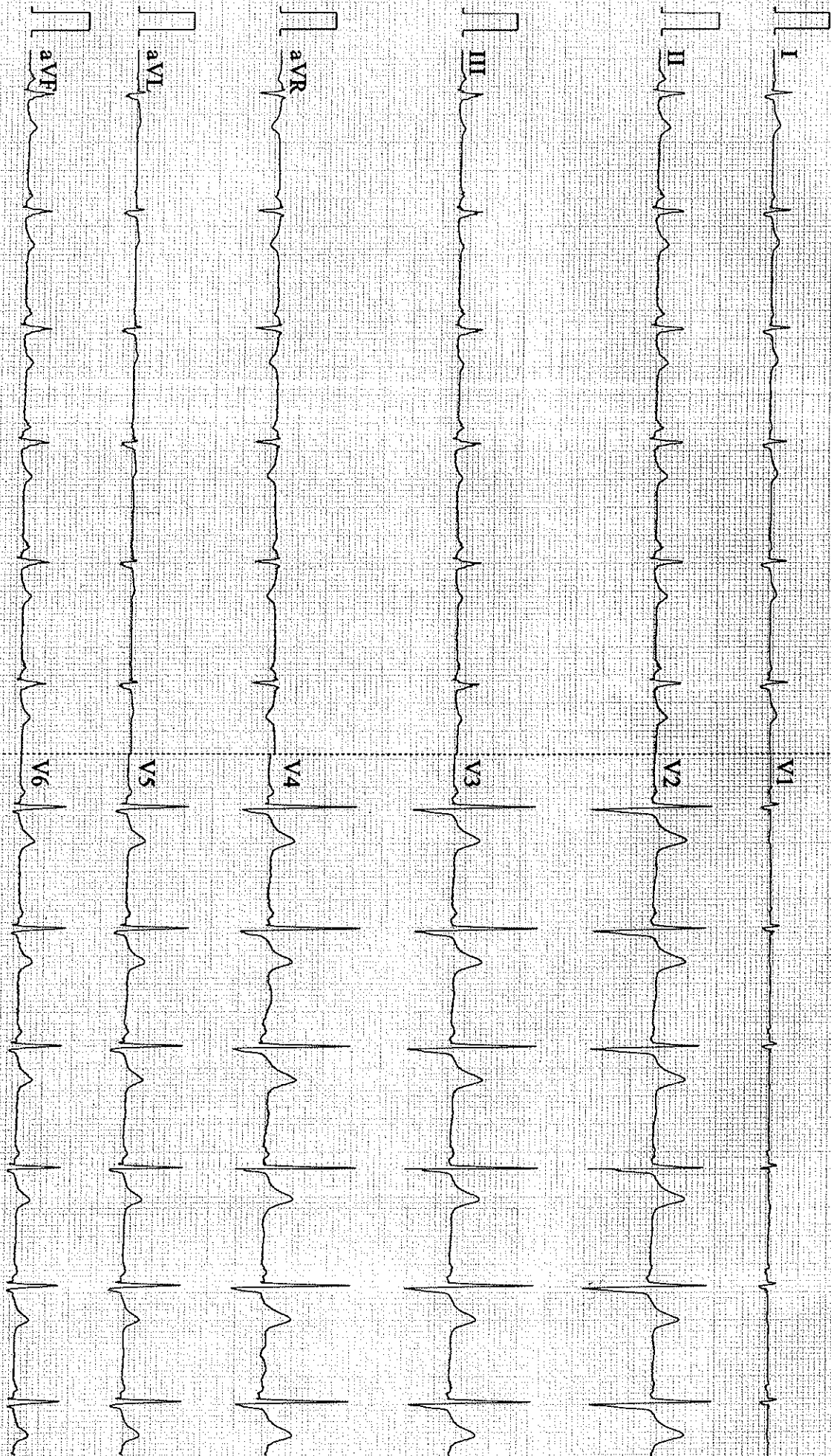
Diagnosis Information:

Sinus Rhythm

Normal ECG

HR	: 70	bpm
P	: 91	ms
PR	: 124	ms
QRS	: 87	ms
QT/QTcBz	: 363/394	ms
P/QRS/T	: 71/74/56	°
RV5/SV1	: 1.10/1.01	mV

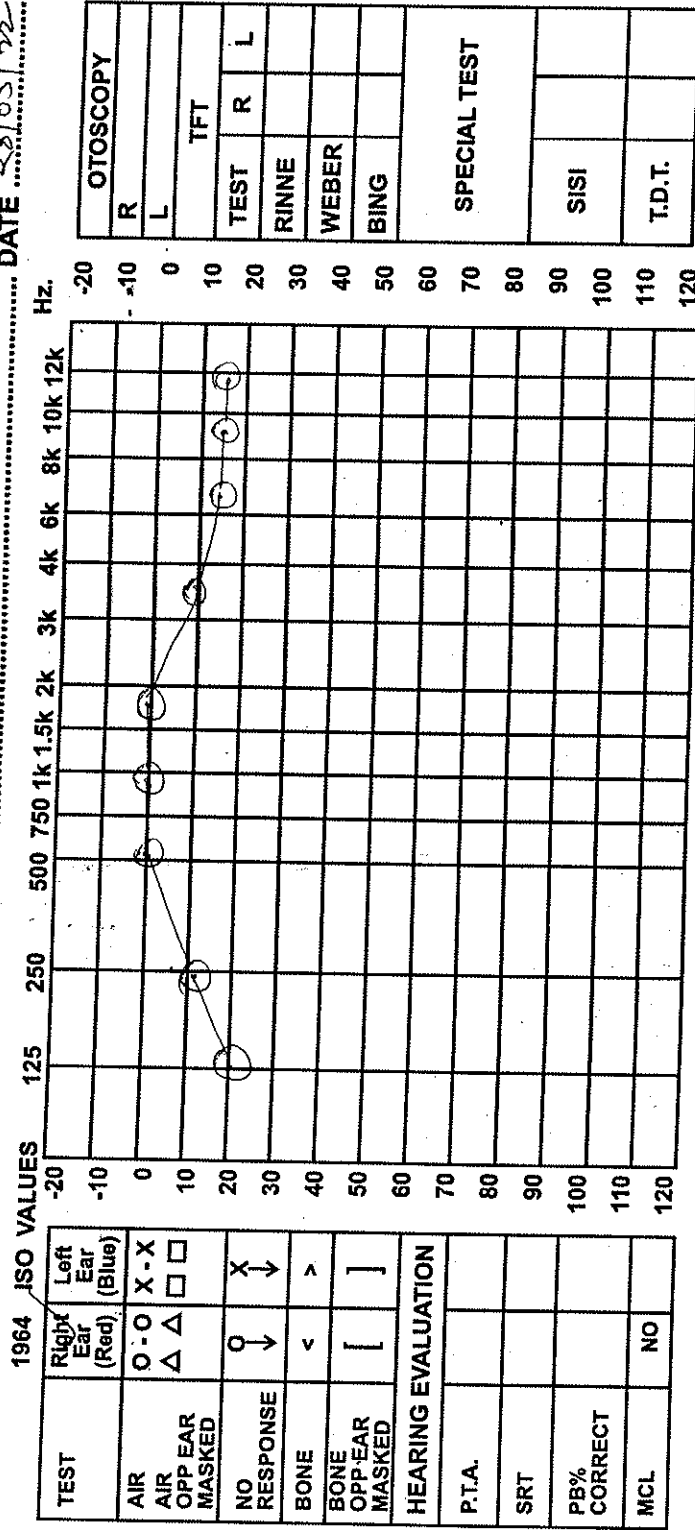
Report Confirmed by:





AUDIOGRAM

PATIENT NAME Sanjay Meena SEX Male AGE 53
ADDRESS DATE 28/05/22



Remarks : Normal Hearing
Complaint : _____
Recommendations : _____

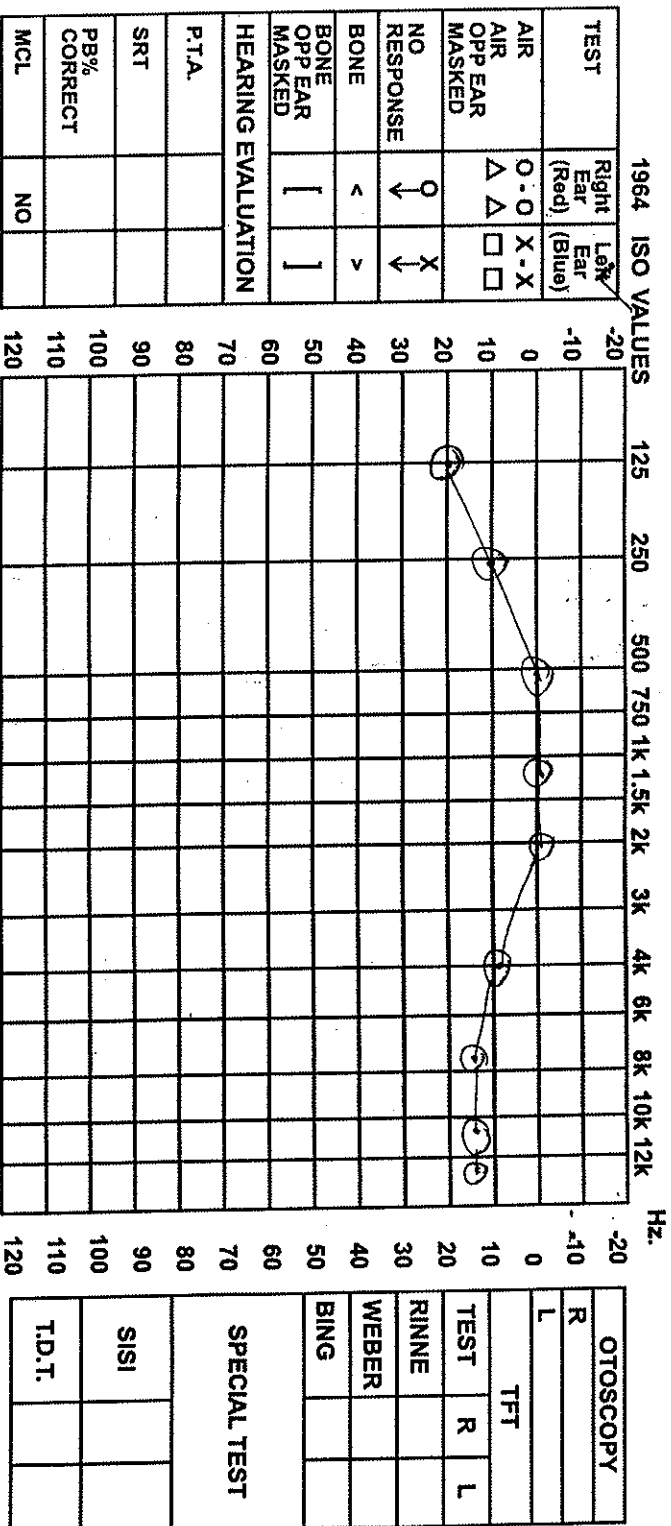
AUDIOLOGIST



AUDIOGRAM

PATIENT NAME Savjay Menon's SEX Male AGE 53

ADDRESS DATE 28/05/20



Remarks : Normal Hearing

Complaint :

Recommendations :

AUDIOLOGIST

HAEMATOLOGY

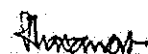
Patient Name	: MR. SANJAY MENARIA -2971	IP / OP No	: 1001202
Ordered Loc	: Hospital OPD	Gender	: Male
Ordered By	: Dr. Chandolia . Sandeep	Age	: 53 Y 11 M 12 D
Class	: OPD	Vch No	: 1370770
Current Loc	:	Received Dt	: 28/05/2022 01:22 PM
Sample No	: 22023698	Reported On	: 28/05/2022 05:51 PM

TEST NAME	VALUE	UNITS	REF. RANGE
BLOOD GROUP (ABO & RH)			

BLOOD GROUP AB
AGGLUTINATION METHOD.
RH TYPE Positive

—End Of Report—

Note: Pathological test have technical limitation. For any Dispartiy, Repeated Examinations are required. No legal liability is accepted. Clinical correlation is also requested.



Dr. R S SHAKTAWAT
MBBS,MD (AFMC PUNE)

HAEMATOLOGY

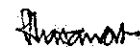
Patient Name	: MR. SANJAY MENARIA -2971	IP / OP No	: 1001202
Ordered Loc	: Hospital OPD	Gender	: Male
Ordered By	: Dr. Chandolia . Sandeep	Age	: 53 Y 11 M 12 D
Class	: OPD	Vch No	: 1370770
Current Loc	:	Received Dt	: 28/05/2022 01:22 PM
Sample No	: 22023698	Reported On	: 28/05/2022 05:51 PM

EMPLOYEE HEALTH CHECKUP BCW/CCW CAMP-2022

TEST NAME	VALUE	UNITS	REF. RANGE
HAEMOGLOBIN	12.8	g/dl	13.0 - 17.0
RBC Count	5.52	10 ⁶ /ul	4.5 - 5.5
Haematocrit (P.C.V.)	40.0	%	40.0 - 50.0
Mean Corpuscular Vol (MCV)	72.5	fL	83.0 - 102.0
Mean Corpuscular Hb.(MCH)	23.1	pg	27.0 - 32.0
Mean Corp.HB.Con (MCHC)	31.9	g/dl	31.5 - 34.5
WBC COUNT	6,010	/cmm	4000 - 10000
DIFFERENTIAL COUNT			
Neutrophils	63	%	40 - 80
Lymphocytes	26	%	20 - 40
Eosinophil	3	%	1 - 6
Monocytes	8	%	2 - 10
Basophils	0	%	0 - 2
PLATELET COUNT	1.48	lakh/cu mm	1.5 - 4.2
RDW - CV	17.7	%	
RDW - SD	41		
MPV	10		

—End Of Report—

Note: Pathological test have technical limitation. For any Dispartly, Repeated Examinations are required. No legal liability is accepted.
Clinical correlation is also requested.



Dr. R S SHAKTAWAT
MBBS, MD (AFMC PUNE)

BIOCHEMISTRY

Patient Name	: MR. SANJAY MENARIA -2971	IP / OP No	: 1001202
Ordered Loc	: Hospital OPD	Gender	: Male
Ordered By	: Dr. Chandolia . Sandeep	Age	: 53 Y 11 M 12 D
Class	: OPD	Vch No	: 1370770
Current Loc	:	Received Dt	: 28/05/2022 01:22 PM
Sample No	: 22023699	Reported On	: 30/05/2022 09:43 AM

TEST NAME	VALUE	UNITS	REF. RANGE
LFT			

S.G.O.T (IFCC Without Pyridoxal Phosphate.)	22.2	U/L	0 - 50
S.G.P.T (IFCC Without Pyridoxal Phosphate.)	29.8	U/L	0 - 50
TOTAL BILIRUBIN (Diazo Special)	0.7	mg/dl	Upto 1.4
DIRECT BILIRUBIN (Diazo Malloy)	0.1	mg/dl	0 - 0.2
INDIRECT BILIRUBIN (Calculated)	0.6		
TOTAL PROTEIN Biuret	6.9	g/dL	6.6 - 8.3
ALBUMIN (BCG)	4.2	gms/dl	3.5 - 5.2
GLOBULIN CALCULATED	2.7	gm/dL	
A/G RATIO (Calculated)	1.6	%	
ALKALINE PHOSPHATASE (IFCC)	128	U/L	30 - 120
GAMMA GT (GGT)	18.1	U/L	0 - 55

-----End Of Report-----

Note: Pathological test have technical limitation. For any Dispartiy, Repeated Examinations are required. No legal liability is accepted. Clinical correlation is also requested.

BIOCHEMISTRY

Patient Name	: MR. SANJAY MENARIA -2971	IP / OP No	: 1001202
Ordered Loc	: Hospital OPD	Gender	: Male
Ordered By	: Dr. Chandolia . Sandeep	Age	: 53 Y 11 M 12 D
Class	: OPD	Vch No	: 1370770
Current Loc	:	Received Dt	: 28/05/2022 01:22 PM
Sample No	: 22023699	Reported On	: 30/05/2022 09:43 AM

EMPLOYEE HEALTH CHECKUP BCW/CCW CAMP-2022

TEST NAME	VALUE	UNITS	REF. RANGE
BLOOD UREA	17.8	mg/dl	19 - 55
<i>Kinetic (Urease/GLDH)</i>			
CREATININE	0.6	mg/dl	0.70 - 1.40
<i>(Jaffe)</i>			

—End Of Report—

Note: Pathological test have technical limitation. For any Dispartiy, Repeated Examinations are required. No legal liability is accepted.
Clinical correlation is also requested.



Dr. R S SHAKTAWAT
MBBS,MD (AFMC PUNE)

Authorised

Birla Hospital Road, Senth, Chittorgarh -312025 (Raj.) Contact No. 01472-26001 ST. 9500088080
Email : admin@mpbirlahospitalchittor.com, Website : www.mpbirlahospitalchittor.com

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BIOCHEMISTRY

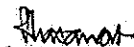
Patient Name : MR. SANJAY MENARIA -2971	IP / OP No : 1001202
Ordered Loc : Hospital OPD	Gender : Male
Ordered By : Dr. Chandolia . Sandeep	Age : 53 Y 11 M 12 D
Class : OPD	Vch No : 1370770
Current Loc :	Received Dt : 28/05/2022 01:22 PM
Sample No : 22023700	Reported On : 28/05/2022 05:42 PM

EMPLOYEE HEALTH CHECKUP BCW/CCW CAMP-2022

TEST NAME	VALUE	UNITS	REF. RANGE
PLASMA GLUCOSE RANDOM	87	mg/dl	70 - 140

—End Of Report—

Note: Pathological test have technical limitation. For any Dispartiy, Repeated Examinations are required. No legal liability is accepted.
Clinical correlation is also requested.



Dr. R S SHAKTAWAT
MBBS,MD (AFMC PUNE)

BIOCHEMISTRY

Patient Name	: MR. SANJAY MENARIA -2971	IP / OP No	: 1001202
Ordered Loc	: Hospital OPD	Gender	: Male
Ordered By	: Dr. Chandolia . Sandeep	Age	: 53 Y 11 M 12 D
Class	: OPD	Vch No	: 1370770
Current Loc	:	Received Dt	: 28/05/2022 01:22 PM
Sample No	: 22023699	Reported On	: 30/05/2022 09:43 AM

TEST NAME	VALUE	UNITS	REF. RANGE
LIPID PROFILE			

CHOLESTEROL	177	mg/dl	0 - 200
CHOD-POD			
TRIGLYCERIDES	118	mg/dl	0 - 150
(GPO-POD)			
HDL CHOLESTEROL	40	mg/dl	23 - 92
LDL CHOLESTEROL	113	mg/dl	0 - 100
CALCULATED			
VLDL	23.6	mg/dl	< 30
CALCULATED			
CHOL/HDL RATIO	4.4	mg/dl	3.40 - 4.40

CHOLESTEROL LDL-CHOLESTEROL CHO/HDL RATIO

Acceptable/Low Risk	: < 200 mg/dL	: < 130 mg/dL	: < 4.5
Borderline High Risk	: 200-239 mg/dL	: 130-159 mg/dL	: 4.5 - 6.0
High Risk	: > 240 mg/dL	: > 160 mg/dL	: > 6.0

APO A1 & APO B:- Recent studies have shown that Apolipoproteins A1 & B might be the best indicators of Coronary Artery Disease risk in an individual. Patients who have normal lipid profile may have abnormal Apo A1 & Apo B values. Ratio of Apo B : Apo A1 is >1 in cases of increased CHD risk.

—End Of Report—

Note: Pathological test have technical limitation. For any Dispartiy, Repeated Examinations are required. No legal liability is accepted. Clinical correlation is also requested.



Dr. R S SHAKTAWAT
MBBS,MD (AFMC PUNE)

CLINICAL PATHOLOGY

Patient Name	: MR. SANJAY MENARIA -2971	IP / OP No	: 1001202
Ordered Loc	: Hospital OPD	Gender	: Male
Ordered By	: Dr. Chandolia . Sandeep	Age	: 53 Y 11 M 12 D
Class	: OPD	Vch No	: 1370770
Current Loc	:	Received Dt	: 28/05/2022 01:22 PM
Sample No	: 22023701	Reported On	: 28/05/2022 06:36 PM

EMPLOYEE HEALTH CHECKUP BCW/CCW CAMP-2022


TEST NAME	VALUE	UNITS	REF. RANGE
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Urine Albumin Absent

Urine Sugar Absent

—End Of Report—

Note: Pathological test have technical limitation. For any Dispartiy, Repeated Examinations are required. No legal liability is accepted.
Clinical correlation is also requested.



Dr. R S SHAKTAWAT
MBBS,MD (AFMC PUNE)

Authorised

Birla Hospital Road, Senth, Chittorgarh -312025 (Raj.) Contact No. 01472-260333, 9570388801

Email : admin@mpbirlahospitalchittor.com, Website : www.mpbirlahospitalchittor.com

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56734
Unique Ent.

Hexalee Bah Jara

Annual Medical Examination Form

FORM
Report of the examining authority

Annexure to Certificate No. as a result of medical examination on
Identification Mark.

1. General development: Good/Fair/Poor
2. Height: 167 cms
3. Weight: 49.4 Kgs
4. Eyes:
 - i) Visual acuity - Distant vision (with or without glass)
Right eye: 6/6 Left eye: 6/6
 - ii) Any organic disease of eyes
 - * iii) Night blindness
 - * iv) Colour blindness
 - * v) Squint(* to be tested in special cases)
5. Ears:
 - i) Hearing Right ear..... Left ear.....
 - ii) Any organic disease.....
6. Respiratory system:
Chest measurement
 - i) After full inspiration cms.
 - ii) After full expiration cms.
7. Circulatory system
 - i) Blood pressure 115/68 mmHg
 - ii) Pulse 66 min
8. Abdomen:
 - i) Tenderness
 - ii) Liver
 - iii) Spleen
 - iv) Tumour

NAD

9. Nervous system:
History of fits or epilepsy
Paralysis
Mental health
10. Locomotors system
11. Skin
12. Hernia
13. Hydrcele
14. Any other abnormality.
15. Urine

Reaction

Albumin

Sugar
16. Ski gram of chest
17. Any other test considered necessary by the
examining authority.
18. Any opinion of specialist considered
necessary.

NM

Medical Officer
MP Birla Hospital & Research
Centre, Chittorgarh (Raj.)

Signature of the examining authority

Place: Chittorgarh:



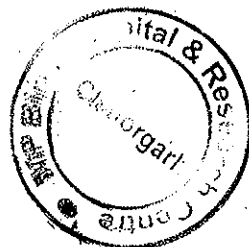
Certificate No.

Name :

Identification Marks :

Result of Lung Function Test (Spirometry) SSO

Parameters	Predicted Value	Performed Value	% of Predicted
Forced Vital Capacity (FEV)			
Forced Vital Capacity 1 FEV1			
FEV1/FVC			
Peak Expiratory Flow			



Medical Officer
MP Birla Hospital & Research
Centre, Chittorgarh (Raj.)
Signature of the Examining Authority

Report of Medical Examination as per the recommendations of National Safety
Conferences

1. Cardiological Assessment

Auscultation	S1	
	S2	
	Additional Sound	
Electrocardiograph (12 leads) findings :		Normal/Abnormal
Enclosed ECG		

2. Neurological Assessment

Findings	Normal/Abnormal
Superficial Reflexes	
Deep Reflexes	
Peripheral Circulation	
Vibrational Syndromes	

3. ILO Classification of Chest Radiograph :

Profusion of Pneumoconiotic opacities	Grades	Grades
Present/Absent		

Enclosed Chest Radiograph

4. Audiometry Findings :

Conduction Type	Left Ear	Right Ear
Ear Conduction	Normal/Abnormal	Normal/Abnormal
Bone Conduction	Normal/Abnormal	Normal/Abnormal

Enclosed Audiometry Report.

5. Pathological/Microbiological Investigations:

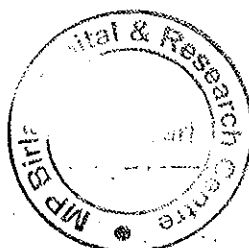
S.No	Tests	Findings
1	Blood-Tc, Dc, Hb, ESR, Platelets	WNL/Abnormal
2	Blood Sugar- Fasting & PP	WNL/Abnormal
3	Lipid profile	WNL/Abnormal
4	Blood Urea, Creatinine	WNL/Abnormal
5	Urine Routine	WNL/Abnormal
6	Stool Routine	WNL/Abnormal

Enclosed Investigation Reports.

6. Special Tests for Mn exposure

Behavioral Disturbances		Present/Not Present
	Speech Defect	Present/Not Present
Neurological Disturbances	Tremor	Present/Not Present
	Adiadocokinesia	Present/Not Present
	Emotional Changes	Present/Not Present

7. Any other Special Test Required :

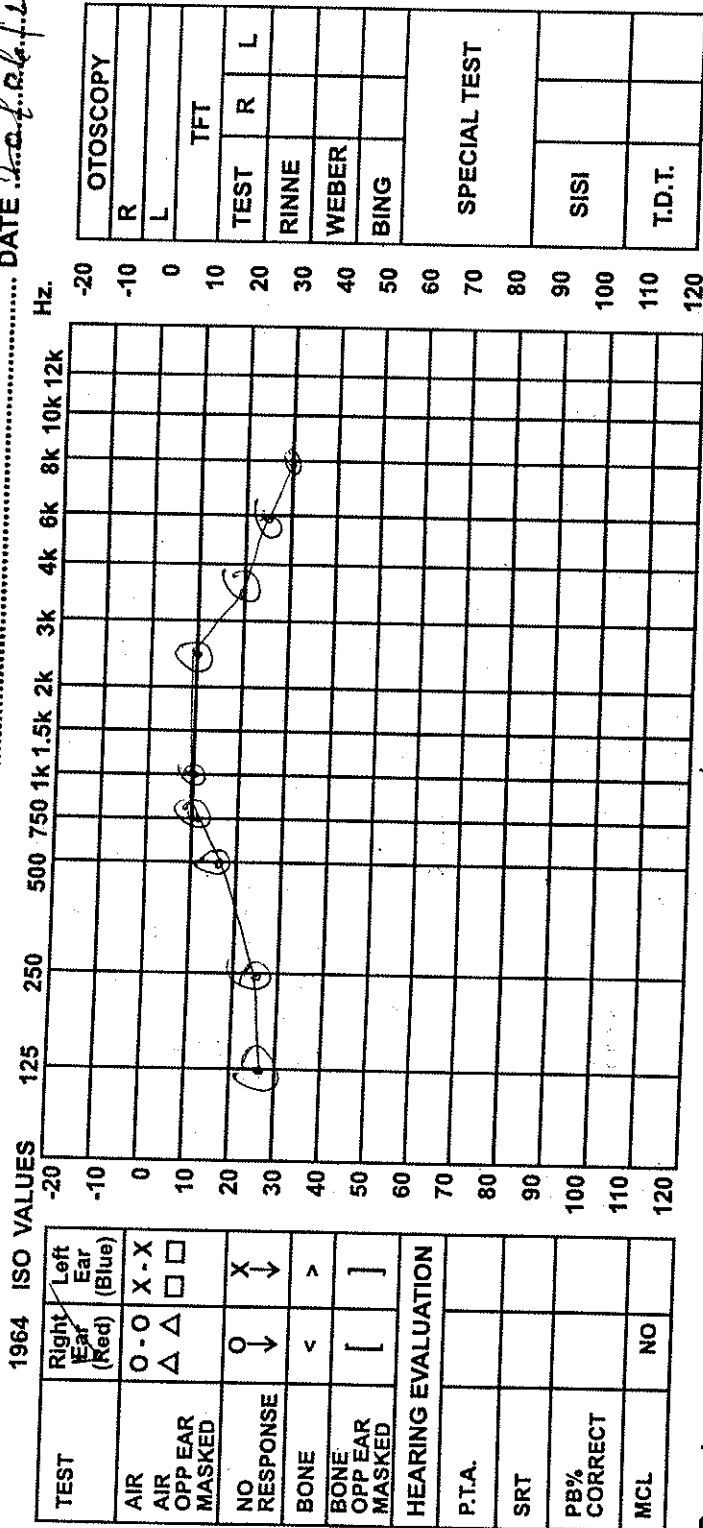


Medical Officer
MP Birla Hospital & Research
Centre, Gurgaon (Raj.)
Signature of the Examination Authority



AUDIOGRAM

PATIENT NAME Heera Lal Banskara SEX M AGE 29
ADDRESS
DATE 22.02.2012



Remarks : Normal

Complaint :

Recommendations :

AUDIOLOGIST



AUDIOGRAM

PATIENT NAME HERRERA, JESU BANGORAN SEX M AGE 29

ADDRESS DATE 20/04/20

1964 ISO VALUES		125	250	500	750	1K	1.5K	2K	3K	4K	6K	8K	10K	12K	HZ.
TEST	Right Ear (Red)														-20
	Left Ear (Blue)														-10
AIR	O - O														0
OPP EAR MASKED	X - X														10
NO RESPONSE	↓														20
BONE	<														30
BONE	>														40
BONE OP EAR MASKED	[]														50
HEARING EVALUATION															
PTA															60
SRT															70
PB% CORRECT															80
MCL	NO														90
															100
															110
															120

OTOSCOPY			
R			
L			
TFT			
TEST	R	L	
RINNE			
WEBER			
BING			
SPECIAL TEST			
SISI			
T.D.T.			

Remarks : Normal

Complaint :

Recommendations :

AUDIOLOGIST

ID: 34

HERRA LAL

Male 29Years

20-06-2022 11:40:59 AM

HR : 69 bpm

P : 99 ms

PR : 154 ms

QRS : 79 ms

QT/QTc : 356/384 ms

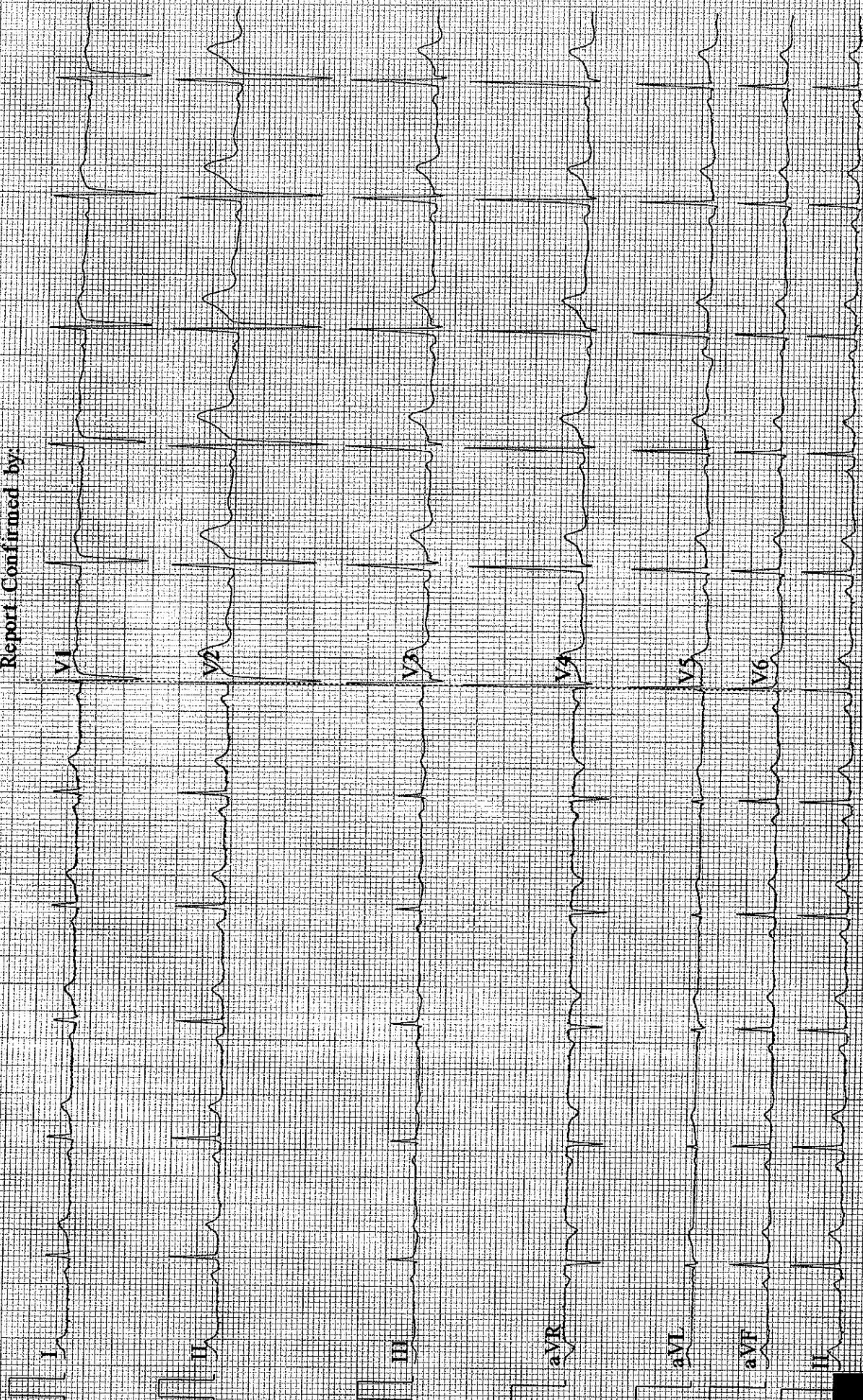
PQRS/T : 59/61/29 °

RV5/SV1 : 1.357/1.147 mV

Diagnosis Information

Sinus Arrhythmia

Report Confirmed by:



HAEMATOLOGY

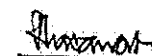
Patient Name	: MR. HEERA LAL 4893	IP / OP No	: 1058899
Ordered Loc	: Hospital OPD	Gender	: Male
Ordered By	: Dr. Chandolia . Sandeep	Age	: 29 Y 3 M 4 D
Class	: OPD	Vch No	: 1379556
Current Loc	:	Received Dt	: 20/06/2022 03:39 PM
Sample No	: 22037074	Reported On	: 20/06/2022 07:05 PM

TEST NAME	VALUE	UNITS	REF. RANGE
BLOOD GROUP (ABO & RH)			

BLOOD GROUP "B"
AGGLUTINATION METHOD.
RH TYPE Positive

---End Of Report---

Note: Pathological test have technical limitation. For any Dispartiy, Repeated Examinations are required. No legal liability is accepted. Clinical correlation is also requested.



Dr. R S SHAKTAWAT
MBBS,MD (AFMC PUNE)

CONSULTANT PATHOLOGIST & MICROBIOLOGIST

HAEMATOLOGY

Patient Name	: MR. HEERA LAL 4893	IP / OP No	: 1058899
Ordered Loc	: Hospital OPD	Gender	: Male
Ordered By	: Dr. Chandolia . Sandeep	Age	: 29 Y 3 M 4 D
Class	: OPD	Vch No	: 1379556
Current Loc	:	Received Dt	: 20/06/2022 03:39 PM
Sample No	: 22037074	Reported On	: 20/06/2022 07:05 PM

EMPLOYEE HEALTH CHECKUP BCW/CCW CAMP-2022

TEST NAME	VALUE	UNITS	REF. RANGE
HAEMOGLOBIN	11.8	g/dl	13.0 - 17.0
RBC Count	4.97	10 ⁶ /ul	4.5 - 5.5
Haematocrit (P.C.V.)	34.2	%	40.0 - 50.0
Mean Corpuscular Vol (MCV)	68.9	fL	83.0 - 102.0
Mean Corpuscular Hb.(MCH)	23.8	pg	27.0 - 32.0
Mean Corp.HB.Con (MCHC)	34.6	g/dl	31.5 - 34.5
WBC COUNT	3,780	/cmm	4000 - 10000
DIFFERENTIAL COUNT			
Neutrophils	65	%	40 - 80
Lymphocytes	24	%	20 - 40
Eosinophil	3	%	1 - 6
Monocytes	8	%	2 - 10
Basophils	0	%	0 - 2
PLATELET COUNT	1.80	lakh/cu mm	1.5 - 4.2
RDW - CV	19.6	%	
RDW - SD	42		
MPV	11		

-----End Of Report-----

Note: Pathological test have technical limitation. For any Dispartiy, Repeated Examinations are required. No legal liability is accepted.
Clinical correlation is also requested.



Dr. R S SHAKTAWAT
MBBS,MD (AFMC PUNE)

Authorised

CONSULTANT PATHOLOGIST & MICROBIOLOGIST

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BIOCHEMISTRY

Patient Name	: MR. HEERA LAL 4893	IP / OP No	: 1058899
Ordered Loc	: Hospital OPD	Gender	: Male
Ordered By	: Dr. Chandolia . Sandeep	Age	: 29 Y 3 M 4 D
Class	: OPD	Vch No	: 1379556
Current Loc	:	Received Dt	: 20/06/2022 03:39 PM
Sample No	: 22037075	Reported On	: 21/06/2022 10:21 AM

TEST NAME	VALUE	UNITS	REF. RANGE
LFT			

S.G.O.T (IFCC Without Pyridoxal Phosphate.)	37.3	U/L	0 - 50
S.G.P.T (IFCC Without Pyridoxal Phosphate.)	19.4	U/L	0 - 50
TOTAL BILIRUBIN (Diazo Special)	0.3	mg/dl	Upto 1.4
DIRECT BILIRUBIN (Diazo Malloy)	0.1	mg/dl	0 - 0.2
INDIRECT BILIRUBIN (Calculated)	0.2		
TOTAL PROTEIN Biuret	8.2	g/dL	6.6 - 8.3
ALBUMIN (BCG)	4.4	gms/dl	3.5 - 5.2
GLOBULIN CALCULATED	3.8	gm/dL	
A/G RATIO (Calculated)	1.2	%	
ALKALINE PHOSPHATASE (IFCC)	42	U/L	30 - 120
GAMMA GT (GGT)	19.5	U/L	0 - 55

-----End Of Report-----

Note: Pathological test have technical limitation. For any Dispartiy, Repeated Examinations are required. No legal liability is accepted. Clinical correlation is also requested.



Dr. R S SHAKTAWAT
MBBS,MD (AFMC PUNE)

CONSULTANT PATHOLOGIST & MICROBIOLOGIST

Authorised

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BIOCHEMISTRY

Patient Name	: MR. HEERA LAL 4893	IP / OP No	: 1058899
Ordered Loc	: Hospital OPD	Gender	: Male
Ordered By	: Dr. Chandolia . Sandeep	Age	: 29 Y 3 M 4 D
Class	: OPD	Vch No	: 1379556
Current Loc	:	Received Dt	: 20/06/2022 03:39 PM
Sample No	: 22037075	Reported On	: 21/06/2022 10:21 AM

EMPLOYEE HEALTH CHECKUP BCW/CCW CAMP-2022			
TEST NAME	VALUE	UNITS	REF. RANGE

BLOOD UREA	15.3	mg/dl	19 - 55
<i>Kinetic (Urease/GLDH)</i>			
CREATININE	0.7	mg/dl	0.70 - 1.40
<i>(Jaffe)</i>			

-----End Of Report-----

Note: Pathological test have technical limitation. For any Dispartiy, Repeated Examinations are required. No legal liability is accepted.
Clinical correlation is also requested.



Dr. R S SHAKTAWAT
MBBS,MD (AFMC PUNE)

CONSULTANT PATHOLOGIST & MICROBIOLOGIST

Authorised

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BIOCHEMISTRY

Patient Name	: MR. HEERA LAL 4893	IP / OP No	: 1058899
Ordered Loc	: Hospital OPD	Gender	: Male
Ordered By	: Dr. Chandolia . Sandeep	Age	: 29 Y 3 M 4 D
Class	: OPD	Vch No	: 1379556
Current Loc	:	Received Dt	: 20/06/2022 03:39 PM
Sample No	: 22037076	Reported On	: 21/06/2022 10:17 AM

EMPLOYEE HEALTH CHECKUP BCW/CCW CAMP-2022			
TEST NAME	VALUE	UNITS	REF. RANGE

PLASMA GLUCOSE RANDOM	85	mg/dl	70 - 140
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-----End Of Report-----

Note: Pathological test have technical limitation. For any Dispartiy, Repeated Examinations are required. No legal liability is accepted.
Clinical correlation is also requested.



Dr. R S SHAKTAWAT
MBBS,MD (AFMC PUNE)

CONSULTANT PATHOLOGIST & MICROBIOLOGIST

Authorised

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BIOCHEMISTRY

Patient Name	: MR. HEERA LAL 4893	IP / OP No	: 1058899
Ordered Loc	: Hospital OPD	Gender	: Male
Ordered By	: Dr. Chandolia . Sandeep	Age	: 29 Y 3 M 4 D
Class	: OPD	Vch No	: 1379556
Current Loc	:	Received Dt	: 20/06/2022 03:39 PM
Sample No	: 22037075	Reported On	: 21/06/2022 10:21 AM

TEST NAME	VALUE	UNITS	REF. RANGE
LIPID PROFILE			

CHOLESTEROL	115	mg/dl	0 - 200
CHOD-POD			
TRIGLYCERIDES	46	mg/dl	0 - 150
(GPO-POD)			
HDL CHOLESTEROL	56	mg/dl	23 - 92
LDL CHOLESTEROL	50	mg/dl	0 - 100
CALCULATED			
VLDL	9.2	mg/dl	< 30
CALCULATED			
CHOL/HDL RATIO	2.1	mg/dl	3.40 - 4.40

CHOLESTEROL LDL-CHOLESTEROL CHO/HDL RATIO

Acceptable/Low Risk	: < 200 mg/dL	: < 130 mg/dL	: < 4.5
Borderline High Risk	: 200-239 mg/dL	: 130-159 mg/dL	: 4.5 - 6.0
High Risk	: > 240 mg/dL	: > 160 mg/dL	: > 6.0

APO A1 & APO B:- Recent studies have shown that Apolipoproteins A1 & B might be the best indicators of Coronary Artery Disease risk in an individual. Patients who have normal lipid profile may have abnormal Apo A1 & Apo B values. Ratio of Apo B values. Ratio of Apo B : Apo A1 is >1 in cases of increased CHD risk.

-----End Of Report-----

Note: Pathological test have technical limitation. For any Dispartiy, Repeated Examinations are required. No legal liability is accepted. Clinical correlation is also requested.



Dr. R S SHAKTAWAT
MBBS,MD (AFMC PUNE)

CLINICAL PATHOLOGY

Patient Name	: MR. HEERA LAL 4893	IP / OP No	: 1058899
Ordered Loc	: Hospital OPD	Gender	: Male
Ordered By	: Dr. Chandolia . Sandeep	Age	: 29 Y 3 M 4 D
Class	: OPD	Vch No	: 1379556
Current Loc	:	Received Dt	: 20/06/2022 03:39 PM
Sample No	: 22037077	Reported On	: 20/06/2022 06:50 PM

EMPLOYEE HEALTH CHECKUP BCW/CCW CAMP-2022


TEST NAME	VALUE	UNITS	REF. RANGE
-----------	-------	-------	------------

Urine Albumin Absent

Urine Sugar Absent

-----End Of Report-----

Note: Pathological test have technical limitation. For any Dispartiy, Repeated Examinations are required. No legal liability is accepted.
Clinical correlation is also requested.



Dr. R S SHAKTAWAT
MBBS,MD (AFMC PUNE)

CONSULTANT PATHOLOGIST & MICROBIOLOGIST

Authorised

Printed By : 10124 on 21/06/2022 03:24 PM

Page 1 of 1

Annexure - 3

ISSUED TO:			
M/s Birla Corporation Limited Madhav Nagar, P.O. Cement Factory, Chandera, Rajasthan, India-312021	Report Number	:	VLL/VLS/22/21163/008
	Issued Date	:	31.03.2023
	P. Order Ref	:	4560878107
	P.O. Date	:	16.09.2022

Page 1 of 1

SAMPLE PARTICULARS	:	AMBIENT NOISE LEVEL MONITORING				
NAME OF THE LOCATION	:	Admin Block				
Sample Registration Date	:	24.03.2023	Sampling Date	:	13-14.03.2023	
Analysis Starting Date	:	24.03.2023	Analysis Completion Date	:	31.03.2023	
Test Required	:	L _{day} & L _{night}				
Sample collected by Vimta labs ltd						

TEST REPORT

Sr.No	Noise Statistical Parameter	UoM	Result	Limit as per E(P)A 1986
1	Equivalent Noise level Leq (day) (06:00 AM-10:00PM)	dB(A)	68.5	<u>Industrial Area</u> 75 dB(A) during Day Time 70 dB(A) during Night Time <u>Commercial Area</u> 65 dB(A) during Day Time 60 dB(A) during Night Time <u>Residential Area</u> 55 dB(A) during Day Time 45 dB(A) during Night Time
2	Equivalent Noise level Leq (Night) (10:00 PM-06:00PM)	dB(A)	47.5	



Dr. SubbaReddy Mallampati
Dy. Manager-Environment.

ISSUED TO:			
M/s Birla Corporation Limited Madhav Nagar, P.O. Cement Factory, Chanderia, Rajasthan, India-312021	Report Number	:	VLL/VLS/22/21163/009
	Issued Date	:	31.03.2023
	P. Order Ref	:	4560878107
	P.O. Date	:	16.09.2022

Page 1 of 1

SAMPLE PARTICULARS	:	AMBIENT NOISE LEVEL MONITORING			
NAME OF THE LOCATION	:	Near CCW CRUSHER			
Sample Registration Date	:	24.03.2023	Sampling Date	:	13-14.03.2023
Analysis Starting Date	:	24.03.2023	Analysis Completion Date	:	31.03.2023
Test Required	:	L day & L night			
Sample collected by Vimta labs ltd					

TEST REPORT

Sr.No	Noise Statistical Parameter	UoM	Result	Limit as per E(P)A 1986
1	Equivalent Noise level Leq (day) (06:00 AM-10:00PM)	dB(A)	64.5	<u>Industrial Area</u> 75 dB(A) during Day Time 70 dB(A) during Night Time <u>Commercial Area</u> 65 dB(A) during Day Time 60 dB(A) during Night Time <u>Residential Area</u> 55 dB(A) during Day Time 45 dB(A) during Night Time
2	Equivalent Noise level Leq (Night) (10:00 PM-06:00PM)	dB(A)	54.5	



Dr. SubbaReddy Mallampati
Dy. Manager-Environment.

ISSUED TO:			
M/s Birla Corporation Limited Madhav Nagar, P.O. Cement Factory, Chanderia, Rajasthan, India-312021	Report Number	:	VLL/VLS/22/21163/010
	Issued Date	:	31.03.2023
	P. Order Ref	:	4560878107
	P.O. Date	:	16.09.2022

Page 1 of 1

SAMPLE PARTICULARS		: AMBIENT NOISE LEVEL MONITORING			
NAME OF THE LOCATION		: AT STP			
Sample Registration Date	:	24.03.2023	Sampling Date	:	13-14/03/2023
Analysis Starting Date	:	24.03.2023	Analysis Completion Date	:	
Test Required	:	L day & L night			
Sample collected by Vimta labs ltd					

TEST REPORT

Sr.No	Noise Statistical Parameter	UoM	Result	Limit as per E(P)A 1986
1	Equivalent Noise level Leq (day) (06:00 AM-10:00PM)	dB(A)	53.5	<u>Industrial Area</u> 75 dB(A) during Day Time 70 dB(A) during Night Time <u>Commercial Area</u> 65 dB(A) during Day Time 60 dB(A) during Night Time <u>Residential Area</u> 55 dB(A) during Day Time 45 dB(A) during Night Time
2	Equivalent Noise level Leq (Night) (10:00 PM-06:00PM)	dB(A)	40.4	



Dr. SubbaReddy Mallampati
Dy. Manager-Environment.

ISSUED TO:			
M/s Birla Corporation Limited Madhav Nagar, P.O. Cement Factory, Chanderia, Rajasthan, India-312021	Report Number	:	VLL/VLS/22/21163/011
	Issued Date	:	31.03.2023
	P. Order Ref	:	4560878107
	P.O. Date	:	16.09.2022

Page 1 of 1

SAMPLE PARTICULARS		AMBIENT NOISE LEVEL MONITORING			
NAME OF THE LOCATION		NEAR CCW 132 KVA SUBSTATION			
Sample Registration Date	:	24.03.2023	Sampling Date	:	13-14.03.2023
Analysis Starting Date	:	24.03.2023	Analysis Completion Date	:	31.03.2023
Test Required	:	L _{day} & L _{night}			
Sample collected by Vimta labs ltd					

TEST REPORT

Sr.No	Noise Statistical Parameter	UoM	Result	Limit as per E(P)A 1986
1	Equivalent Noise level Leq (day) (06:00 AM-10:00PM)	dB(A)	71.5	<u>Industrial Area</u> 75 dB(A) during Day Time 70 dB(A) during Night Time <u>Commercial Area</u> 65 dB(A) during Day Time 60 dB(A) during Night Time <u>Residential Area</u> 55 dB(A) during Day Time 45 dB(A) during Night Time
2	Equivalent Noise level Leq (Night) (10:00 PM-06:00PM)	dB(A)	58.9	



Dr. SubbaReddy Mallampati
Dy. Manager-Environment.

Annexure - 4

ISSUED TO:			
M/s Birla Corporation Limited Madhav nagar, P.O. Cement Factory, Chandera, Rajasthan, India-312021	Report Number	:	VLL/VLS/22/21163/001
	Issued Date	:	31.03.2023
	P. Order Ref	:	4560878107
	P.O. Date	:	16.09.2022


Page 1 of 1

SAMPLE PARTICULARS	:	AMBIENT AIR QUALITY MONITORING			
Sample Registration Date	:	24.03.2023	Sampling Date	:	13-14.03.2023
Analysis Starting Date	:	24.03.2023	Analysis Completion Date	:	31.03.2023
Test Required	:	PM ₁₀ , PM _{2.5} , SO ₂ , NO ₂ , CO, NH ₃ , As, Ni, Pb, C ₆ H ₆ , B(a)P and O ₃ .			
Sample collected by Vimta labs ltd					

TEST REPORT

LOCATION: Near CCW 132 KV SUBSTATION				
Parameters	UoM	Method	Results	NAAQ Standards
Particulate Matter (PM ₁₀)	µg/m ³	IS:5182 (P:23) 2006 (RA 2017)	95	Max100 (24 -hr.)
Particulate Matter (PM _{2.5})	µg/m ³	IS:5182 (P:24) 2019	47	Max60 (24 -hr.)
Sulphur dioxide (SO ₂)	µg/m ³	IS:5182(P:2) 2001(RA 2017)	12.53	Max80 (24 -hr.)
Nitrogen dioxide (NO ₂)	µg/m ³	IS:5182(P:6) 2006(RA 2017)	23.52	Max80 (24 -hr.)
Ammonia (NH ₃)	µg/m ³	APHA-401	16.6	Max400 (24 -hr.)
Ozone (O ₃)	µg/m ³	IS:5182 (P:9) 1974	11.4	Max100 (8 -hr.)
Carbon monoxide (CO)	mg/m ³	IS:5182(P:10) GC	0.42	Max2 (8 -hr.)
Lead (Pb)	µg/m ³	USEPA Method-IO3.4	<0.001	Max1.0 (24 -hr.)
Benzene (C ₆ H ₆)	µg/m ³	GC Method	1.10	05 (Annual Avg.)
Arsenic (As)	ng/m ³	USEPA Method-IO 3.2	0.38	06(Annual Avg.)
Nickel (Ni)	ng/m ³	USEPA Method-IO 3.2	2.4	20 (Annual Avg.)
Benzo (a) Pyrene (BaP)	ng/m ³	IS:5182(P:12)2004	<0.01	01 (Annual Avg.)

- NH₃, C₆H₆, B (a) P & Heavy Metals (As, Ni, Pb) is monitored on 24 hrs. Basis & Ozone is monitored on 8 hrs basis.
- Below Detectable Limit for As, Ni, Pb 1.0 ng/m³ Below Detectable Limit for NH₃ 2.0 µg/m³
- Below Detectable Limit for O₃ 5.0 µg/m³
- Below Detectable Limit for Benzene 0.01 µg/m³
- Below Detectable Limit for B(a)P 0.01 ng/m³



Dr. SubbaReddy Mallampati
Dy. Manager-Environment

Registered Office: Plot No. 142, IDA Phase -II, Cherlapally, Medchal District, Hyderabad -500 051, Telangana, India.
Corporate Office & Life Science Facility: Plot No: 5, MN Park, Genome Valley, Shameerpet, Hyderabad - 500 101, Telangana, India.
Tel: +91 40 6740 4040, www.vimta.com

ISSUED TO:

M/s Birla Corporation Limited Madhavnagar,P.O.CementFactory, Chandera, Rajasthan, India-312021	Report Number	:	VLL/VLS/22/21163/002
	Issued Date	:	31.03.2023
	P. Order Ref	:	4560878107
	P.O. Date	:	16.09.2022

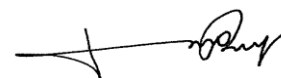
Page 1 of 1

SAMPLE PARTICULARS		: AMBIENT AIR QUALITY MONITORING			
Sample Registration Date	:	24.03.2023	Sampling Date	:	13-14.03.2023
Analysis Starting Date	:	24.03.2023	Analysis Completion Date	:	31.03.2023
Test Required	:	PM ₁₀ , PM _{2.5} , SO ₂ , NO ₂ , CO, NH ₃ , As, Ni, Pb, C ₆ H ₆ , B(a)P and O ₃ .			
Sample collected by Vimta labs ltd					

TEST REPORT

LOCATION: AT STP; DURATION:24 HOURS				
Parameters	UoM	Method	Results	NAAQ Standards
Particulate Matter (PM ₁₀)	µg/m ³	IS:5182 (P:23) 2006 (RA 2017)	88	Max100 (24 –hr.)
Particulate Matter (PM _{2.5})	µg/m ³	IS:5182 (P:24) 2019	49	Max60 (24 –hr.)
Sulphur dioxide (SO ₂)	µg/m ³	IS:5182(P:2) 2001(RA 2017)	11.52	Max80 (24 –hr.)
Nitrogen dioxide (NO ₂)	µg/m ³	IS:5182(P:6) 2006(RA 2017)	22.92	Max80 (24 –hr.)
Ammonia (NH ₃)	µg/m ³	APHA-401	18.8	Max400 (24 –hr.)
Ozone (O ₃)	µg/m ³	IS:5182 (P:9) 1974	12.14	Max100 (8 –hr.)
Carbon monoxide (CO)	mg/m ³	IS:5182(P:10) GC	0.52	Max2 (8 –hr.)
Lead (Pb)	µg/m ³	USEPA Method-IO3.4	<0.001	Max1.0 (24 –hr.)
Benzene (C ₆ H ₆)	µg/m ³	GC Method	1.24	05 (Annual Avg.)
Arsenic (As)	ng/m ³	USEPA Method-IO 3.2	0.25	06(Annual Avg.)
Nickel (Ni)	ng/m ³	USEPA Method-IO 3.2	1.9	20 (Annual Avg.)
Benzo (a) Pyrene (BaP)	ng/m ³	IS:5182(P:12)2004	<0.01	01 Annual Avg.)

- NH₃, C₆H₆, B (a) P & Heavy Metals (As, Ni, Pb) is monitored on 24 hrs. Basis & Ozone is monitored on 8 hrs basis.
- Below Detectable Limit for As, Ni, Pb 1.0 ng/m³ Below Detectable Limit for NH₃ 2.0 µg/m³
- Below Detectable Limit for O₃ 5.0 µg/m³
- Below Detectable Limit for Benzene 0.01 µg/m³
- Below Detectable Limit for B(a)P 0.01 ng/m



Dr. SubbaReddy Mallampati
Dy. Manager-Environment

Registered Office: Plot No. 142, IDA Phase -II, Cherlapally, Medchal District, Hyderabad -500 051, Telangana, India.
Corporate Office & Life Science Facility: Plot No: 5, MN Park, Genome Valley, Shameerpet, Hyderabad - 500 101, Telangana, India.
Tel: +91 40 6740 4040, www.vimta.com

ISSUED TO:			
M/s Birla Corporation Limited Madhav nagar, P.O. Cement Factory, Chandera, Rajasthan, India-312021	Report Number	:	VLL/VLS/22/21163/003
	Issued Date	:	31.03.2023
	P. Order Ref	:	4560878107
	P.O. Date	:	16.09.2022

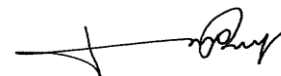
Page 1 of 1

SAMPLE PARTICULARS		: AMBIENT AIR QUALITY MONITORING	
Sample Registration Date	:	24.03.2023	Sampling Date : 13-14.03.2023
Analysis Starting Date	:	24.03.2023	Analysis Completion Date : 31.03.2023
Test Required	:	PM ₁₀ , PM _{2.5} , SO ₂ , NO ₂ , CO, NH ₃ , As, Ni, Pb, C ₆ H ₆ , B(a)P and O ₃ .	
Sample collected by Vimta labs ltd			

TEST REPORT

LOCATION: NEAR CCW CRUSHER; DURATION: 24 HOURS				
Parameters	UoM	Method	Results	NAAQ Standards
Particulate Matter (PM ₁₀)	µg/m ³	IS:5182 (P:23) 2006 (RA 2017)	91	Max100 (24 –hr.)
Particulate Matter (PM _{2.5})	µg/m ³	IS:5182 (P:24) 2019	45	Max60 (24 –hr.)
Sulphur dioxide (SO ₂)	µg/m ³	IS:5182(P:2) 2001(RA 2017)	13.25	Max80 (24 –hr.)
Nitrogen dioxide (NO ₂)	µg/m ³	IS:5182(P:6) 2006(RA 2017)	24.51	Max80 (24 –hr.)
Ammonia (NH ₃)	µg/m ³	APHA-401	24.7	Max400 (24 –hr.)
Ozone (O ₃)	µg/m ³	IS:5182 (P:9) 1974	17.25	Max100 (8 –hr.)
Carbon monoxide (CO)	mg/m ³	IS:5182(P:10) GC	0.60	Max2 (8 –hr.)
Lead (Pb)	µg/m ³	USEPA Method-IO3.4	<0.001	Max1.0 (24 –hr.)
Benzene (C ₆ H ₆)	µg/m ³	GC Method	1.35	05 (Annual Avg.)
Arsenic (As)	ng/m ³	USEPA Method-IO 3.2	0.43	06(Annual Avg.)
Nickel (Ni)	ng/m ³	USEPA Method-IO 3.2	1.22	20 (Annual Avg.)
Benzo (a) Pyrene (BaP)	ng/m ³	IS:5182(P:12)2004	<0.01	01 (Annual Avg.)

- NH₃, C₆H₆, B (a) P & Heavy Metals (As, Ni, Pb) is monitored on 24 hrs. Basis & Ozone is monitored on 8 hrs basis.
- Below Detectable Limit for As, Ni, Pb 1.0 ng/m³ Below Detectable Limit for NH₃ 2.0 µg/m³
- Below Detectable Limit for O₃ 5.0 µg/m³
- Below Detectable Limit for Benzene 0.01 µg/m³
- Below Detectable Limit for B(a)P 0.01 ng/m



Dr. SubbaReddy Mallampati
Dy. Manager-Environment

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Corporate Office & Life Science Facility: Plot No: 5, MN Park, Genome Valley, Shameerpet, Hyderabad - 500 101, Telangana, India.
Tel: +91 40 6740 4040, www.vimta.com

ISSUED TO:			
M/s Birla Corporation Limited Madhav nagar, P.O. Cement Factory, Chanderia, Rajasthan, India-312021	Report Number	:	VLL/VLS/22/21163/004
	Issued Date	:	31.03.2023
	P. Order Ref	:	4560878107
	P.O. Date	:	16.09.2022

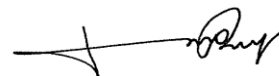
Page 1 of 1

SAMPLE PARTICULARS	:	AMBIENT AIR QUALITY MONITORING			
Sample Registration Date	:	24.03.2023	Sampling Date	:	13-14.03.2023
Analysis Starting Date	:	24.03.2023	Analysis Completion Date	:	31.03.2023
Test Required	:	PM ₁₀ , PM _{2.5} , SO ₂ , NO ₂ , CO, NH ₃ , As, Ni, Pb, C ₆ H ₆ , B(a)P and O ₃ .			
Sample collected by Vimta labs ltd					

TEST REPORT

LOCATION: ADMINISTRATIVE BUILDING; DURATION: 24 HOURS				
Parameters	UoM	Method	Results	NAAQ Standards
Particulate Matter (PM ₁₀)	µg/m ³	IS:5182 (P:23) 2006 (RA 2017)	89	Max100 (24 –hr.)
Particulate Matter (PM _{2.5})	µg/m ³	IS:5182 (P:24) 2019	48	Max60 (24 –hr.)
Sulphur dioxide (SO ₂)	µg/m ³	IS:5182(P:2) 2001 (RA 2017)	14.46	Max80 (24 –hr.)
Nitrogen dioxide (NO ₂)	µg/m ³	IS:5182(P:6) 2006(RA 2017)	29.4	Max80 (24 –hr.)
Ammonia (NH ₃)	µg/m ³	APHA-401	21.54	Max400 (24 –hr.)
Ozone (O ₃)	µg/m ³	IS:5182 (P:9) 1974	13.25	Max100 (8 –hr.)
Carbon monoxide (CO)	mg/m ³	IS:5182(P:10) GC	0.35	Max2 (8 –hr.)
Lead (Pb)	µg/m ³	USEPA Method-IO3.4	<0.001	Max1.0 (24 –hr.)
Benzene (C ₆ H ₆)	µg/m ³	GC Method	1.25	05 (Annual Avg.)
Arsenic (As)	ng/m ³	USEPA Method-IO 3.2	0.53	06(Annual Avg.)
Nickel (Ni)	ng/m ³	USEPA Method-IO 3.2	1.40	20 (Annual Avg.)
Benzo (a) Pyrene (BaP)	ng/m ³	IS:5182(P:12)2004	<0.01	01 (Annual Avg.)

- NH₃, C₆H₆, B (a) P & Heavy Metals (As, Ni, Pb) is monitored on 24 hrs. Basis & Ozone is monitored on 8 hrs basis.
- Below Detectable Limit for As, Ni, Pb 1.0 ng/m³ Below Detectable Limit for NH₃ 2.0 µg/m³
- Below Detectable Limit for O₃ 5.0 µg/m³
- Below Detectable Limit for Benzene 0.01 µg/m³
- Below Detectable Limit for B(a)P 0.01



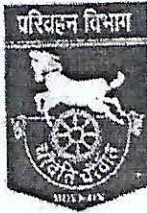
Dr. SubbaReddy Mallampati
Dy. Manager-Environment

Registered Office: Plot No. 142, IDA Phase -II, Cherlapally, Medchal District, Hyderabad -500 051, Telangana, India.
Corporate Office & Life Science Facility: Plot No: 5, MN Park, Genome Valley, Shameerpet, Hyderabad - 500 101, Telangana, India.
Tel: +91 40 6740 4040, www.vimta.com

Annexure - 5

8/6/22, 2:57 PM

Transport Department, Rajasthan



प्रदूषण नियंत्रण प्रमाण पत्र

POLLUTION UNDER CONTROL CERTIFICATE

[Approved by Department of Transport, Government of Rajasthan, Jaipur]

परिवहन विभाग राजस्थान सरकार से मान्यता प्राप्त

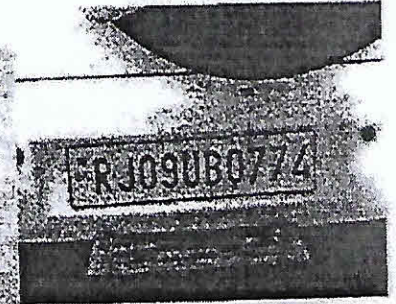
(Rule 116 of CMV Rules 1989)

15214257

Pucc No :	D28RJ09116968
Vehicle No :	RJ09UB0774
Customer Name :	BIRLA CORPORATION
Customer Mobile :	9414497939
Year of Regn :	21-01-2022
Type of Vehicle :	D.VAN
Make :	Mahindra & Mahindra
Model :	BOLERO NEO
Test Date :	06-08-2022
Time :	02:57:11 PM
Valid UpTo :	05-08-2023
Center Name :	Highway Mobile Pollution Check Center, (RJ06-GA-9509)
Center Address :	Near RTO Office, Chittorgarh
Licence No :	RJ09-27/28
Test Result :	Pass

VALID IN ALL INDIA

Photo of Vehicle



Flushing Cycle

Avg	RPM Min	RPM Max	Temp
687		1955	NA

Sr. No.	RPM Min	RPM Max	Km	HSU%	Temp
1	649	1889	0.60	22.6	NA
2	706	1997	0.61	23.2	NA
3	679	1999	0.59	22.3	NA
Mean			0.60	22.7	

Prescribed Limit for Diesel vehicle	1/m(Light Absorption Co-efficient)	Hartridge Units (HSU)%
Free Acceleration BS II & III	2.45	65
Free Acceleration BS IV	1.62	50
Free Acceleration BS VI 3 wheelers	0.7 / 1.5	26 / 48

Valid Six Months for Bharat Stage III or below
and one year for Bharat Stage IV/VI vehicles.

Certificate price: ₹ 100

Get Certificate renewed within the expiry date.

Seal of Testing Station	Testing Station Code D28RJ09	Authorized Signatory
-------------------------	---------------------------------	----------------------

CERTIFICATE IS ONLY VALID IF SMS RECEIVED FROM REIL/TRANSPORT DEPT. KINDLY DESTROY THE INVALID CERTIFICATE.

Transport Dept. Govt. of Rajasthan



Veh Reg No : RJ09UB0774
PUC No. : D28RJ09116968
Valid up to : 05-08-2023
Scan QR Code to Validate



Transport Dept. Govt. of Rajasthan

Veh Reg No : RJ09UB0774
PUC No. : D28RJ09116968
Valid up to : 05-08-2023
Scan QR Code to Validate

11/23, 11:41 AM



प्रदूषण नियंत्रण प्रमाण पत्र

POLLUTION UNDER CONTROL CERTIFICATE

[Approved by Department of Transport, Government of Rajasthan, Jaipur]

परिवहन विभाग राजस्थान सरकार से मान्यता प्राप्त

(Rule 115 of CMV Rules 1989)

16648698

VALID IN ALL INDIA

Photo of Vehicle



Pucc No :	P29RJ09115513
Vehicle No :	RJ09SX2129
Customer Name :	BIRLA CEMENT WORKS
Customer Mobile :	9413821422
Year of Regn :	23-11-2015
Type of Vehicle :	2 Wheeler
Type of Engine :	4 STROKE
Make :	TVS Motor
Model :	STAR CITY
FUEL :	PETROL
Test Date :	11-02-2023
Time :	11:41:07 AM
Valid UpTo :	10-08-2023
Center Name :	Highway Mobile Pollution Check Center, (RJ06-GA-9509)
Center Address :	Near RTO Office, Chittorgarh
Licence No :	RJ09-27/28
Test Result :	Pass

Certificate price: ₹ 50

Validity Six Months for Bharat Stage III or below and one year for Bharat Stage IV or Bharat Stage VI vehicles.



Petrol Test		Gas Test		Unit
Pres STD	Measured level	Pres STD	Measured level	
CO 4.5	1.502	--	--	% Vol
HC 9000	619	--	--	ppm
CO2 --	3.54	--	--	% Vol
O2 --	3.82	--	--	% Vol

At High idel RPM 2300 - 2700

	Pres STD	Measured level	Unit
CO	0.2	--	% Vol
Lambda	0.97 - 1.03	--	

Get Certificate renewed within the expiry date.

Seal of Testing Station

Testing Station Code

Authorised Signatory

P29RJ09

CERTIFICATE IS ON DOWNGRADE FROM REGISTRATION DEPT. TRANSPORT DEPT. GOVERNMENT OF RAJASTHAN



Veh Reg No : RJ09SX2129
 PUC No. : P29RJ09115513
 Valid up to : **10-08-2023**
 Scan QR Code to Validate



Veh Reg No : RJ09SX2129
 PUC No. : P29RJ09115513
 Valid up to : **10-08-2023**
 Scan QR Code to Validate



प्रदूषण नियंत्रण प्रमाण पत्र

POLLUTION UNDER CONTROL CERTIFICATE

[Approved by Department of Transport, Government of Rajasthan, Jaipur]

परिवहन विभाग राजस्थान सरकार से मान्यता प्राप्त

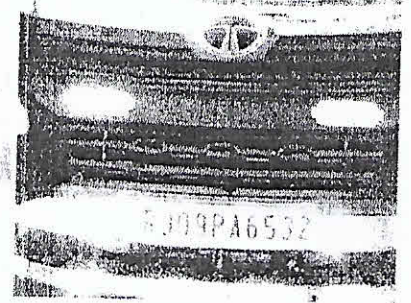
(Rule 115 of CMV Rules 1989)

16647819

Pucc No :	D28RJ09120179
Vehicle No :	RJ09PA6532
Customer Name :	BIRLA CO
Customer Mobile :	9414449793
Year of Regn :	22-04-2022
Type of Vehicle :	D.VAN
Make :	Tata Motors
Model :	WINGER
Test Date :	19-01-2023
Time :	05:04:45 PM
Valid UpTo :	18-01-2024
Center Name :	Highway Mobile Pollution Check Center, (RJ06-GA-9509)
Center Address :	Near RTO Office, Chittorgarh
Licence No :	RJ09-27/28
Test Result :	Pass

VALID IN ALL INDIA

Photo of Vehicle



Flushing Cycle

Avg	RPM Min	RPM Max	Temp
663		1987	NA

Sr. No.	RPM Min	RPM Max	Km	HSU%	Temp
1	664	2027	0.53	20.4	NA
2	614	2026	0.43	16.9	NA
3	699	1916	0.48	18.7	NA
Mean			0.48	18.7	

Prescribed Limit for Diesel vehicle	1/m(Light Absorption Co-efficient)	Hartridge Units (HSU)%
Free Acceleration BS II & III	2.45	65
Free Acceleration BS IV	1.62	50
Free Acceleration BS VI 4/3 wheelers	0.7 / 1.5	26 / 48

Validity Six Months for Bharat Stage III or below and one year for Bharat Stage IV/VI vehicles

Certificate price: ₹ 100

Get Certificate renewed within the expiry date.

Seal of Testing Station

Testing Station Code

Authorised Signatory

D28RJ09

CERTIFICATE IS ONLY VALID IF SMS RECEIVED FROM RTO TRANSPORT DEPT. RAJASTHAN GOVT. BY CERTIFICATE.

Transport Dept. Govt. of Rajasthan

Transport Dept. Govt. of Rajasthan



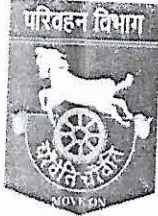
Veh Reg No : RJ09PA6532
PUC No. : D28RJ09120179
Valid up to : **18-01-2024**
Scan QR Code to Validate



Veh Reg No : RJ09PA6532
PUC No. : D28RJ09120179
Valid up to : **18-01-2024**
Scan QR Code to Validate

11:41 AM

Transport Department, Rajasthan



प्रदूषण नियंत्रण प्रमाण पत्र

POLLUTION UNDER CONTROL CERTIFICATE

[Approved by Department of Transport, Government of Rajasthan, Jaipur]

परिवहन विभाग राजस्थान सरकार से मान्यता प्राप्त

(Rule 115 of CMV Rules 1989)

16648306

Pucc No	
Vehicle No	D28RJ09120480
Customer Name	RJ09UA2211
Customer Mobile	BIRLA CORPORATION LTD.
Year of Regn	9460179958
Type of Vehicle	07-09-2009
Make	CAR
Model	TOYOTA
Test Date	INNOVA
Time	04-02-2023
Valid Up To	11:41:10 AM
Center Name	03-08-2023
Center Address	Highway Mobile Pollution Check Center, (RJ06-GA-9509)
Licence No	Near RTG Office, Chittorgarh
Test Result	RJ09-27/28
	Pass

VALID IN ALL INDIA

Photo of Vehicle



Flushing Cycle				
Avg	RPM Min	RPM Max	Temp	
706		2297	NA	

Sr. No.	RPM Min	RPM Max	Km	HSU%	Temp
1	732	2264	0.79	28.8	NA
2	695	2231	0.71	26.3	NA
3	674	2411	0.77	28.1	NA
Mean			0.76	27.7	

Prescribed Limit for Diesel vehicle	1/m(Light Absorption Co-efficient)	Hartridge Units (HSU)%
Free Acceleration BS II & III	2.45	65
Free Acceleration BS IV	1.62	50
Free Acceleration BS VI 4/3 wheelers	0.7 / 1.5	26 / 48

Validity Six Months for Bharat Stage III or below and one year for Bharat Stage IV/VI vehicles.

Certificate price: ₹ 100

Get Certificate renewed within the expiry date.

Seal of Testing Station

Testing Station Code

D28RJ09

Authorised Signator,

Transport Dept. Govt. of Rajasthan

Transport Dept. Govt. of Rajasthan

Veh Reg No: RJ09UA2211
 PUC No: D28RJ09120480
 Valid up to: 03-08-2023
 Scan QR Code to Validate



Veh Reg No: RJ09UA2211
 PUC No: D28RJ09120480
 Valid up to: 03-08-2023
 Scan QR Code to Validate

Annexure - 6



Perimeter ?
1,621.69 m

Area
42,113.7 m²

[Start new](#)

Annexure - 7

ISSUED TO:			
M/s.MP BIRLA CORPORATION LIMITED Madhav Nagar, P.O, Cement Factory. Chandaria-312021, Rajasthan, INDIA	Report Number	:	VLL/VLS/22/13441/WW/05
	Issue Date	:	2022.12.13
	P.O. Number	:	4560878107
	P.O. Date	:	2022-09-16

Page: 01 of 01

Sample Name	:	STP Out let water Sample			
Date of Registration	:	2023.03.27	Date of Sample Collection	:	2023.03.25
Analysis starting Date:	:	2023.03.27	Analysis Completion Date:	:	2023.04.03
Sample Particulars	:	Sewage Treatment Plant (STP)			
Method of Analysis	:	APHA 23 rd Edition, 2017 and IS 3025 Part-44.			
Test required	:	pH, TSS, COD, BOD, O&G, RFC and Fecal Coliform			
Sample Collected by	:	Vimta Labs Limited			

TEST REPORT

Sr. No	Test Parameters	UoM	Method	STP Out let
1	pH	---	APHA 23 rd Ed 4500 H	7.32
2	Total Suspended Solids	mg/l	APHA 23 rd Ed 2540 D	25
3	Chemical Oxygen Demand	mg/l	APHA 23 rd Ed 5220 B	35
4	Biological Oxygen Demand	mg/l	APHA 23 rd Ed 5210 B	9
5	Oil & grease	mg/l	APHA 23 rd Ed 5520 C	<1.0
6	Ammoniacal Nitrogen as N	mg/l	APHA 23 rd Ed 3125	7.0
7	Residual Free Chlorine	mg/l	APHA 23 rd 4500 Cl	<0.2
8	Fecal Coliform	MPN/100 ml	IS:15185-2016/ISO 9308-1:2014	91

Results relate only to the sample tested

END OF THE TEST REPORT



Dr.SubbaReddy Mallampati
Dy. Manager-Environment

ISSUED TO:			
M/s.MP BIRLA CORPORATION LIMITED Madhav Nagar, P.O, Cement Factory. Chandaria-312021, Rajasthan, INDIA	Report Number	:	VLL/VLS/22/13441/WW/06
	Issue Date	:	2022.12.13
	P.O. Number	:	4560878107
	P.O. Date	:	2022-09-16

Page: 01 of 01

Page: 01 of 01

Sample Name	:	Trade Effluent			
Date of Registration	:	2023.03.27	Date of Sample Collection	:	2023.03.25
Analysis starting Date:	:	2023.03.27	Analysis Completion Date:	:	2023.04.03
Sample Particulars	:	CCW Unit-II (New Chittor Cement Works)			
Method of Analysis	:	APHA 23 rd Edition, 2017 and IS 3025 Part-44.			
Test required	:	pH, TSS, COD, BOD, O&G, Dissolved Phosphate as P, Cu, Zn, Fe, RFC.			
Sample Collected by	:	Vimta Labs Limited			

TEST REPORT

Sr. No	Test Parameters	UoM	Method	NCCW Trade water
1	pH	---	APHA 23 rd Ed 4500 H	7.95
2	Total Suspended Solids	mg/l	APHA 23 rd Ed 2540 D	8
3	Chemical Oxygen Demand	mg/l	APHA 23 rd Ed 5220 B	<5
4	Biological Oxygen Demand	mg/l	APHA 23 rd Ed 5210 B	<3
5	Oil & grease	mg/l	APHA 23 rd Ed 5520 C	<1.0
6	Phosphates as P	mg/l	APHA 23 rd Ed 4500 D	0.04
7	Copper as Cu	mg/l	APHA 23 rd Ed 3125	<0.01
8	Zinc as Zn	mg/l	APHA 23 rd Ed 3125	0.06
9	Iron as Fe	mg/l	APHA 23 rd Ed 3125	0.05
10	Free Available Chlorine	mg/l	APHA 23 rd 4500 Cl	0.2
11	Chromium (Total) as Cr	mg/l	APHA 23 rd Ed 3125	<0.05

Results relate only to the sample tested

END OF THE TEST REPORT



Dr.SubbaReddy Mallampati
Dy. Manager-Environment

Annexure - 8

Birla Corporation Ltd, CSR Report-Chandaria Unit

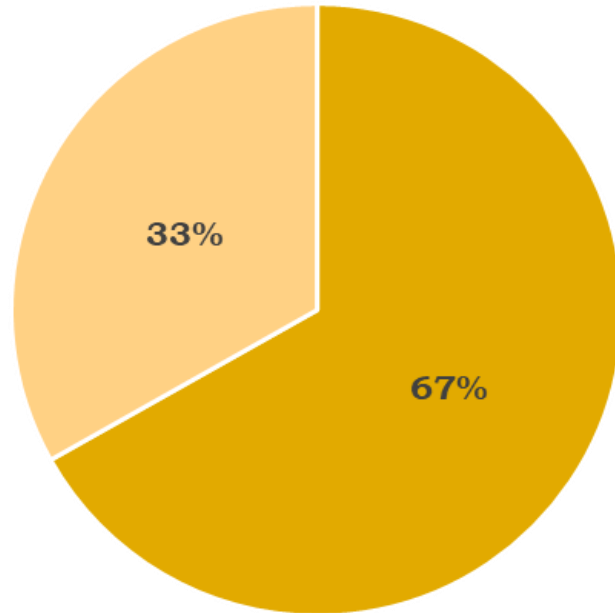
FY: 2022-23

CSR Budget & Expenditure: 2022-23

CSR Activities	CSR budget: 2022-23 (In Lacs)	Actual-YTD Till- March'23 (In Lacs)
SAMIRIDDHI -Integrated Livelihood Project in watershed approach-1:	43.7	43.67
SAKSHAM -Skill Development Project Project-2	5.5	5.46
ANKURAM -Health & Nutrition Project-3:	11.4	11.44
Arogya -Health, Water & Sanitation	16.1	16.15
Shiksha Sarathi -Supplementary Education Project-4	4.0	3.98
Shiksha Sarathi -Education	28.5	28.84
Rural Infra Development	36.8	37.07
Harit-Urja : Environment & Renewal Energy	14.0	13.94
Total	160.0	160.55

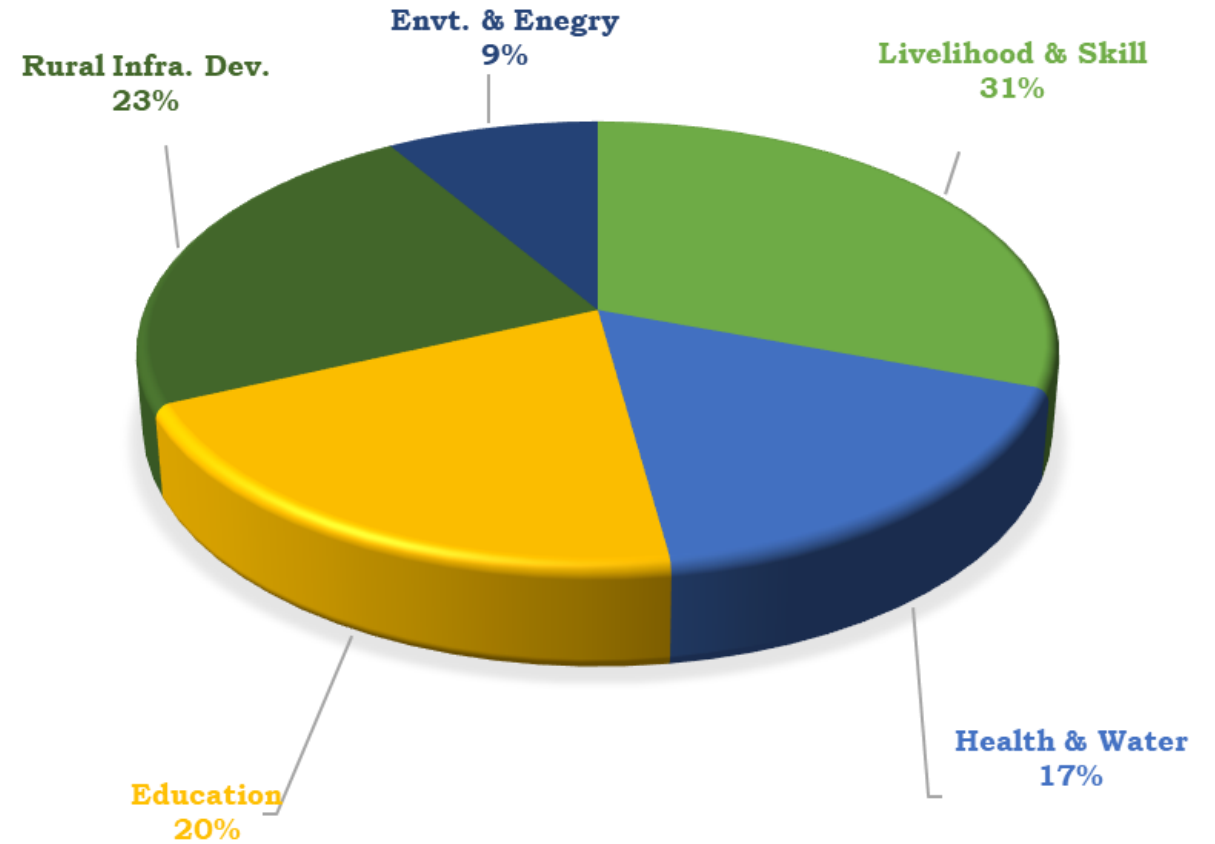
Trend of CSR Spent: 2022-23

CSR Budget Spent-2022-23
(Long Vs. Short Term Programme)



- Long Term Programme
- Short Term Programme

CSR THEME WISE SPENT (%)



CSR Budget & Expenditure: 2022-23

CSR Activities	Coverage in FY 2022-23 (Nos)
SAMIRIDDHI-Integrated Livelihood Project in watershed approach-1:	932
SAKSHAM-Skill Development Project Project-2	87
ANKURAM-Health & Nutrition Project-3:	1,374
Arogya-Health, Water & Sanitation	7,563
Shiksha Sarathi-Supplementary Education Project-4	80
Education	1,263
Rural Infra Development	3,519
Harit-Urja: Environment & Renewal Energy	1,071
Total	15,889



Key Highlights of FY: 2022-23

MAJOR HIGHLIGHTS:

- 100.03% CSR Budget utilized (Rs. 160.55/160 Lacs), By direct 59.7% & by NGO 40.3%.
- Rs. 45.77 Lacs fund mobilized under Govt, Schemes (Health, KVK, Veterinary & DMFT) and benefitted 249 families directly.
- Achieved more than 100% target of 1st Year-Five year Plan (FYP).
- Total 15889 beneficiaries were benefitted in 50 villages & wards under CSR programme.
- Engaged 201 manpower under employee volunteerism with 675 manhours (350-395 Staffs).
- Imparted a NGO training on programme & implementation management.
- New initiatives taken as Supplementary Education, Free-Coaching on Govt. jobs, Watershed, Soybean Crop, Digital Classroom & Solar energy.
- **Stakeholders Involvement:**
 - ✓ Public Representatives: Ward counselors, Zila Samiti Member, Panchayat Samiti Member, Pradhan-Chittorgarh, Vice Chairman-Nagar Parishad, Sarpanch, Dy. Sarpnach, Panch, community leaders)
 - ✓ Govt. officials to GM DIC, CDEO, DEO, BEO, Dy. Director-ICDS, Dist. officer-ICDS, CMHO, PMO, DTO, Joint Director, Dy. Director-Veterinary, Hospital, Agri. officer, Horticulture, Scientist of Soil Institute, Krishi Vigyan Kendra, UIT Engineer, officer-Nagar parishad, OTHERS: CII Visit, IBM team Moreover sharing progress and good works in collector meeting also.

Medical Camps



At Semalpura village



At Nagri village



At Chanderia



At Gurjar Khara village



At Balderkha village



At Achora village

CSR Award for Corporate Governance & Sustainability Vision

Award Name:

Corporate Governance & Sustainability Vision Award-2023

Category: "Corporate Social Responsibility (CSR)"

Ranked: 1st

Awarded to : Birla Corporation Limited-Chandaria Unit

By Indian Chamber of Commerce (ICC) at New Delhi

Date: 24th February 2023



Unit Head Sh. Devesh Mishra, Sh. P.K. Singh (AVP-HR) & Ranjit Prasad (Manager-CSR) along with Award



Award presented by Mr. M. Nagaraju, Additional Secretary, Ministry of Coal, Dr Kirit S Parikh, Chairman, IRADe, Dr Bhaskar Chatterjee, Former DG & CEO of the Indian Institute of Corporate Affairs (IICA)

Appreciation Received by Govt. of Rajasthan

Appreciation by:
District Collector & Health Department Office,
Chittorgarh Govt. of Rajasthan

Category: Corporate Support
Awarded to : Birla Corporation Limited-
Chandaria Unit

*For Initiative to T.B. Patient on Nutrition Support for
Six Months*

at Collector Office, Chittorgarh

Date: 20th March 2023



Recognition Received by Govt. Animal Husbandry Department, Chittorgarh



Birla corporation Limited-Chandaria Unit under Corporate Social Responsibility (CSR) honoured under the outstanding contribution in prevention & treatment of Lumpy skin Disease in cattle from Animal Husbandry Department, Chittorgarh under leadership of Shri. Devesh Kumar Mishra, Unit Head-Chandaria.

The felicitation was conferred at Animal Husbandry Department, Chittorgarh on 11th January' 2023.

Birla corporation Limited (BCL)-Chandaria Unit has received hounoured & certificate by Honourable Dr. Netrapal Singh (Joint Director- Animal Husbandry Department, Chittorgarh, Govt. of Rajasthan), Dr. Sumer Singh Rawat (Joint Director- Animal Husbandry Department, Chittorgarh, Govt. of Rajasthan) and Dr. Mukesh Kumar Meena(Govt. Animal Hospital, Nagari, Chittorgarh).

On this Occasion, Award received by representative of BCL-Chandaria Mr. Pradeep Kumar Singh (AVP-HR) and Mr. Ranjit Kumar Prasad (Manager-CSR) & other team members.



Recognition Received by Govt. Medical Collage & Hospital, Chittorgarh



Birla corporation Limited-Chandaria Unit under Corporate Social Responsibility (CSR) was honoured from Govt. Medical Collage & Hospital, Chittorgarh for the special support in furniture arrangement during inspection of LOP-NMC which is crucial to get the approval for medical collage establishment.

The felicitation was conferred at Govt. Medical Collage & Hospital, Chittorgarh on 26th January' 2023.

Birla corporation Limited (BCL)-Chandaria Unit has received hounoured & certificate by Honourable Dr. Vijay Kumar Gupta (Principal & controller) Govt. Medical Collage & Hospital, Chittorgarh Govt. of Rajasthan.

On this Occasion, Award received by representative of BCL-Chandaria Mr. R.C Jhanwar (Factory Manager) and Mr. Jagdish Nagda (CSR).



Received hounoured & certificate by Honourable Dr. Vijay Kumar Gupta (Principal & controller) Govt. Medical Collage & Hospital, Chittorgarh Govt. of Rajasthan.



CSR PROGRAMME, FY: 2022-23

Programme	Beneficiary Covered	Key Achievements
Integrated Livelihood Project in a Watershed approach for farmers & underprivileged community (SMGVS)	932	<ul style="list-style-type: none"> 1 Anicut renovated, increased <u>19.8 acre under irrigation</u>, created <u>additional water storage 1046 Cub. Meter</u> for irrigation & ground water recharge. Catchment area covered 522 Acre. More than 3 times creating value under poultry (mortality 17% than standard 20-25%). Improved local breed (by Q4 20, total 108 Goat Kit delivered) Replicating <u>>90% farmers under green fodder, Mustard, fertilizer by 21 farmers.</u> <u>New Initiatives:</u> Strawberry cultivation, Honey bee for agri. yield, Poultry farming, Hatchery unit.



Key Results-Farm based

- Mr. Ratan Lal harvested 50 quintal Tomato and sold in Rs. 48000/- till March.
- 240 plants were planted on trial basis in Nagari village and it produced around 30 KGs of strawberry and sold in Rs. 7000/- till March.

Poultry Farming :-

- Poultry birds supported in October and now birds started laying eggs. Thus, one Incubator provided to a poultry beneficiary so that hatching would start in project area and chicks can be available to beneficiaries easily.



Tomato ready for market at Piplipal



Strawberry cultivation at Nagari



Fresh strawberry at Nagari



Fresh strawberry at Nagari



Tomato ready for market at Piplipal

Shaksham & Shiksha Sarathi Programme



Certification distribution of Beautician VT training at
Ramdev JI Chanderia



Celebration of International women's Day at Ramdev Ji
ka Chanderia



Enterprise Kit distribution of selected trainees (poor) at
Ramdev JI Chanderia



Science exhibition programme at Achhora

Ankuram & Arogya Programme



Free Health Checkup camp (Eye specialist)



Training to women on Nutrition



Meeting with Adolescent Girls on personal
hygiene



Felicitation programme (ICDS worker and Mother of
malnourished at Achhora)

Infrastructure Development of Govt. School & Anganwadi Centres



Support to Education & Anganwadi Centres:

- Renovated 2 Govt. School & constructed boundary wall at GUPS, Surjana.
- Handed over to school authority by Sh. Devesh Kumar Mishra, Unit Head BCL, Chanderia to School Principal & SDMC, Sh. Pramod Dashora, CDEO, Education Department, School principal, School teachers, Sh. Pradeep Kumar Singh, AVP HR & admin, BCL and CSR team was present in the programme.
- Handover to 36 Sets (Double seater) of Furniture for students in two schools.
- Smart Digital class has setup at Govt. Higher Secondary School Nagari.
- Anganwadi renovation work completed and handed over to ICDS department in presence of Deputy Director ICDS, AVP- HR, BCL chanderia unit, CSR team, PRI and villagers at Bhilyakheda.



School renovation work handed over to School Principal



Renovation work of Anganwadi Bhilyakheda



Digital smart class handed over to school management at Nagari Village



Furniture Handed over to GUPS, Sirdi

Infrastructure Development

Drinking Water & Rural Infra. Works:

- RO water cooler handed over to Principal Medical Officer (PMO), Govt. Sanwariya Hospital by AVP HR & Admin, BCL Chanderia and Manager CSR, BCL Chanderia.
- Developed a circle for road safety purpose at Senth, Chittorgarh and handed over to Chairman, Nagar Parishad by AVP- HR & Admin, BCL Chanderia and Manager CSR, BCL Chanderia.
- Total 6 cattle trolley handed over to community in 6 villages (Dhordiya, Nagari, Gurjarkheda, Achhora, Semalpura and Damdama Village)
- 2 Drinking water tank for animals have complete at Dhordiya and hokampura village.
- Installed 65 solar lights in villages for purpose of safety & promoting security through green lighting solution.
- Community shed constructed & 2 Community hall constructed as per community purpose and handover the same to community.



Sh. Devesh Mishra, Unit head BCL Chanderia inaugurated Solar street light in Dhordiya Village



RO water Cooler Handed over at Govt. Sanwariya Hospital, Chittorgarh



Construction of Birla Circle under Road Safety at Senth, Chittorgarh



Community shed Handed over at Ward no. 60 Chanderia



Sh. Devesh Mishra, Unit Head Handed over cattle trolley to Dy. Serpanch and VDC at Dhordiya

Employee Volunteerism Programme

- Employees imparted sessions under EV on different programs:
- Total around 350-395 permanent Staffs/Employees

Parameters	UoM	YTD	Q4-Achiv.
Employees Engaged	No	201	38
EV Man-Hours	Hours	675.30	76.3

- ❑ EV Area: Education, Health & water, Environment, Infra. work as Civil
- ❑ Deptt. engaged Mines, SD, Civil Deptt., Account, HR, Electrical, purchase & Security



बिरला कारपोरेशन लिमिटेड कॉर्पोरेट गवर्नंस
एंड सस्टेनेबिलिटी विजन पुरस्कार से सम्मानित



चितौड़गढ़ | इस वर्ष का इंडियन चैम्बर ऑफ कॉमर्स द्वारा दिया जाने वाला कॉर्पोरेट गवर्नेंस एंड सस्टेनेबिलिटी विजन पुरस्कार बिरला कॉर्पोरेशन लिमिटेड के नाम रहा। यह पुरस्कार कंपनी द्वारा गवर्नेंस एवं सामाजिक मापदंडों पर उत्कृष्ट प्रदर्शन को संपादित करता है। यह पुरस्कार अतिरिक्त सचिव, कोयला मंत्रालय एम. नागराजू, अध्यक्ष और पूर्व सदस्य योजना आयोग भारत सरकार डॉ. किरीट एस पारीक, पूर्व महानिदेशक और सीईओ भारतीय कॉर्पोरेट मामलों के संस्थान डॉ. भास्कर चटर्जी ने प्रदान किया। तेरहवें इंडियन कॉर्पोरेट गवर्नेंस एंड सस्टेनेबिलिटी

विजन समिट के मौके पर यह पुरस्कार कम्पनी के सीएसआर प्रबंधक, रंजीत कुमार प्रसाद और कॉर्पोरेट सीएसआर वरिष्ठ प्रबंधक सिबू जेना ने प्राप्त किया। इकाई प्रमुख देवेश कुमार मिश्रा ने कहा कि यह पुरस्कार सामाजिक उत्तरदायित्व एवं स्थायित्वता के प्रति कंपनी के व्यापक दृष्टिकोण का परिचायक है। उन्होंने कहा कि समाज के तानेबाने को दीर्घकालीन मजबूती देने के लिए सामाजिक उत्तरदायित्व का निर्वहन आवश्यक है। उद्योगों को कॉर्पोरेट सामाजिक उत्तरदायित्वों को अपनी नीतियों एवं व्यावसायिक गतिविधियों में अपनाना चाहिए।

Media Coverage

आंगनबाड़ी कार्यकर्ताओं व धात्री माता का सम्मान



चित्तौड़गढ़ @ पत्रिका विरल
कारपोरेशन लिमिटेड इकाई चंदेरिया
की ओर से सामाजिक उत्तरदायित्व
गतिविधियों को युनित हेड देश
कुमार मिश्रा के मार्गदर्शन में लगातार
स्वास्थ्य शिक्षा आजीविका कौशल
पर्यावरण एवं विभिन्न सामाजिक क्षेत्र
में बेहतरीन कार्य किया जा रहा है।
सीएसआर गतिविधियों के अंतर्गत
अंकुरम कार्यक्रम प्रियाशी
एजुकेशनल क्लचरल सोसायटी की
ओर से गांव आड़ोड़ा में सम्मान
समारोह आयोजित किया गया।
इसमें लक्षित सात गांव की
आंगनवाडी कार्यकर्ताओं की टीम
तथा गर्भवती व धात्री माता का
सम्मान किया गया। कार्यक्रम के
दौरान महिला एवं बाल विकास
अधिकारी समता भटनगर
उपसंचालक रुचि गोरख के द्वारा
भावी कार्य कार्य में

बिरला कॉर्पोरेशन लिमिटेड के वाइस प्रेसिडेंट प्रदीप सिंह एवं सीएसआर प्रमुख रंजीत प्रसाद उपस्थित रहे। इस दौरान रंजीत प्रसाद द्वारा बिरला सीएसआर के अंतर्गत किए जा रहे कार्यों की जानकारी दी। वहीं प्रदीप सिंह द्वारा महिलाओं को प्रेरित करते हुए स्वास्थ्य विकास की दिशा में बेहतर प्रयास करने के लिए प्रोत्साहित किया। महिला एवं बाल विकास विभाग के उपसचिव राघव के की ओर से प्रियांशी एजुकेशनल कल्चर एवं सोशल सेसायटी के द्वारा किए जा रहे पोषण विकास के प्रयासों को सराहना की। कार्यक्रम के दौरान अंगनवाड़ी कार्यकर्ताओं तथा उनकी टीम को भी सम्मानित किया गया। कार्यक्रम में परियोजना समन्वयक रचना सिंह, रेखा सुखवाल, राजश्री जोशी उपस्थित रहे।

बिरला सीमेंट द्वारा किया गया आंगनबाड़ी कार्यकर्ताओं का तथा माताओं का सम्मान

[illegible]

पेन्सिलव्िया का यह प्रांत ही अमेरिका में प्रथम को मुद्रांकन का इस्तेमाल करने वाला प्रांत माना जाता है। यहाँ के प्रथम मुद्रांकन का नाम 'पेन्सिलव्िया प्रिंटर' था। यह मुद्रांकन १७८७ में हुआ था।

गवर्नेस एंड सस्टेनेबिलिटी
विजन पुरस्कार



चिन्तितगढ़। होटियन चैम्बर ऑफ कमर्स की आर स दिया जाने वाला कॉर्पोरेट गवर्नर्स एंड सस्टेनेबिलिटी विजिन पुरस्कार बिरला कॉर्पोरेशन लिमिटेड को मिला। यह पुरस्कार कंपनी ने गवर्नर्स एवं सामाजिक माधवों पर ठुकाएट दर्शन को सम्पादित करता है। पुरस्कार अतिरिक्त सचिव, कोयला मंत्रालय एम. नाराज, अध्यक्ष और पूर्व सदस्य योजना आयोग भारत सरकार डॉ. विरोट एस प्रसाद, पूर्व महानिदेशक और सौंई भारतीय कॉर्पोरेट मामलों के संस्थान डॉ. मास्कर घटजी ने प्रदान किया। तेरहवें होटियन कॉर्पोरेट गवर्नर्स एंड सस्टेनेबिलिटी विजिन समिट के मौके पर यह पुरस्कार कंपनी के सीएसआर प्रबंधक रंजीत कुमार प्रसाद व कॉर्पोरेट सीएसआर विस्तार प्रबंधक सिबू जेना ने प्राप्त किया। इसी प्रमुख देवेश कुमार मिश्रा ने कहा कि यह पुरस्कार सामाजिक उत्तरदायित्व एवं स्थायित्वता के प्रति कंपनी के व्यापक दृष्टिकोण का परिचायक है।

बिरला सीमेंट ने किया आंगनबाड़ी कार्यकर्ताओं व माताओं का सम्मान



चित्तौड़गढ़, 21 जनवरी (काश्व)। जिला कार्योत्तरा लिमिटेड इन्फर्न चेरिया इल सामाजिक उत्तराधिरण गतिविधियों के तहत चर्चित होत देवेश कुमार मिश्र ने मार्गदर्शन में लगातार इन्फर्न शिक्षा आजीविका कौशल, पर्यवरण एत विभिन्न सामाजिक क्षेत्र में कार्य किल ला रहे हैं।

सोसलभार गतिविधियों के अन्तर्गत अनुसूच जाति कार्यक्रम प्रियांशु एगलुकेनल बरबलरल सोमभमरी द्वारा गाँव आओइयो मे सत्रावन सत्राओरी कार्यक्रम आयोजित किया गया जिसमें सभी सदस्य सात गाँवों की आगमनवाडी कार्यकर्ताओं की टीमी गनवली य धावी गाताओ की सम्मन किया गया। इसमें अगस्त 2022-23 के दौशन दिन गाँवकी घातओ तथा धावी गाताओ मे अपना सत्राओ अगन सचपों के स्वास्वत, गोपल सत्राओ निष्कास मे दिश मे खिपल सत्राओ मे कयान सत्राओ य, ठुकरा सम्मान

पुष्पार दिए गए। इन कार्यक्रमों में महिला एवं बाल विकास अधिकारी समेत भोजनाय, निवासनामक, गीत गीतों द्वारा भी भागीदारी की गई। दौरान विस्मय भरी प्रतिक्रिया मिली। कार्यक्रम प्रोडिस्ट प्रदीप सिंह एवं सोसियल प्रम्युटरी रीतिका प्रसाद जयसिंह को। रीतिका प्रसाद द्वारा महिला वृक्षारोपण के अंतर्गत किए जा रहे कार्यों की जानकारी दी गई। वहीं प्रदीप सिंह द्वारा महिलाओं को स्वास्थ्य केंद्रों की दिशा में बेहतर प्रत्यक्ष कार्य के लिए प्रोत्साहित किया गया। महिला एवं बाल विकास विभाग के जम्मेदारों, राजेंद्र दास, दिव्योती कुक्कुरजन कन्या एवं सोहेल सोसायटी द्वारा किए जा रहे पुष्पार विभाग के सदस्यों की समस्त मन्त्रों को कहा कि आज तक समस्त नई पुष्पारी कार्य सोसायटी में चल रहे हैं। कार्यक्रम के दौरान आपनमदाई कार्यक्रमों तथा जयवी दीपों को भी सम्पादित किया गया।

स्वामी तिलोकानन्द जयन्ती पर जिले में हुए विविध आयोजन

बीजा - स्याता। चित्तीहमज्ज।
 चित्ताय चोपयोग्या। चित्तमिदं च
 उदितं बीजं तस्मै ह्यस्य सम्यग्-
 ज्ञानं परं विशिष्टं सामाजिकं एवं
 निष्कलं गतिविधितो का आसीत्।
 किंवा आ रहा है। स्वामी विश्वनाथ
 जी के जन्म दिवस के उत्सव पर
 चित्ता जीवित हारा चलाया जा रहे
 विभिन्न कार्यक्रम तथा पैरम सभ्यता
 के माध्यम से किंवा स्वामी तथा
 स्वामी कार्यकर्ता के अनेक कार्यक्रम
 द्वारा स्वामी जी पर कार्यकर्ता
 चित्तिकाएँ चलायीं। पर कार्यकर्ता
 आचार्य चित्त गये। चरित्रोत्तम
 साधक स्वामी गिरु द्वारा बताया
 गया कि स्वामी विश्वनाथ जी द्वारा
 अपने जीवन के क्षय में योग की
 भी महत्वपूर्ण स्थान दिया है। स्वामी
 द्वारा एक छोटी या प्रचारा सूत्र के
 माध्यम किंवा गया है चित्तसे चलायीं
 का गवीनचर अर्थात्, उसी तरह गांव
 कीर्ति में है अनेक कार्यक्रम के द्वारा
 चित्तिकाएँ चलायीं। के माध्यम किंवा
 चरित्रोत्तम, स्वामी और पूर्ण स्वस्वकार
 बल्लभाया गया बाल्यकाल में स्वामी
 प्रियापातिनी का उत्साहपूर्ण किंवा
 तथा चरित्रोत्तम गिरु गये। बाल्यकाल में
 पैरम सभ्यता तथा बालकाल, जीवित
 चरित्र भाग्य चरित्र, चर गांव के माध्यम
 सभ्यता उत्पत्ति रहे।

Environment Management SD Cell

