

Half Yearly Compliance Report**2025****01 Dec(01 Apr - 30 Sep)****Acknowledgement**

| | | | |
|------------------------------------------|---------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------------|
| Proposal Name | M/s Birla Corporation Limited, Unit: Satna Cement Works, Taluka Raghurajnar, District Satna, State - Madhya Pradesh | | |
| Name of Entity / Corporate Office | M/s Birla Corporation Limited | | |
| Village(s) | N/A | | |
| District | SATNA | | |
| Proposal No. | IA/MP/IND/5151/2011 | Category | Industrial Projects - 1 |
| Plot / Survey / Khasra No. | N/A | Sub-District | N/A |
| State | MADHYA PRADESH | Entity's PAN | *****2075J |
| MoEF File No. | J-11011/461/2011 - IA II (I) | Entity name as per PAN | BIRLA CORPORATION LIMITED |

Compliance Reporting Details

| | |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reporting Year | 2025 |
| Remarks (if any) | Cement Plant of M/s Birla Corporation Limited, Unit: Satna Cement Works, Taluka Raghurajnar, District Satna, State - Madhya Pradesh. Compliance status for the period of April-2025 to September-2025 of Environmental Clearance issued by MoEF, Delhi vide letter no. J-11011/461/2011 - IA II (I) Dated. 10th October, 2012 |
| Reporting Period | 01 Dec(01 Apr - 30 Sep) |

Details of Production and Project Area

| | | |
|------------------------------------------|---------------------------------------|------------------------------------------|
| Name of Entity / Corporate Office | M/s Birla Corporation Limited | |
| | Project Area as per EC Granted | Actual Project Area in Possession |
| Private | 0 | 0 |
| Revenue Land | 202.29 | 202.29 |
| Forest | 0 | 0 |
| Others | 0 | 0 |
| Total | 202.29 | 202.29 |

Production Capacity

| Sr. no | Product Name | units | Valid Upto | Capacity | Production last year | Capacity as per CTO |
|--------|--------------|-------------------------------|------------|----------|----------------------|---------------------|
| 1 | Clinker | Million Tons per Annum (MTPA) | 30/09/2027 | 3.4 | 2.94 | 3.4 |
| 2 | Cement | Million Tons per Annum (MTPA) | 30/09/2027 | 3.0 | 2.47 | 3.0 |

Conditions

Specific Conditions

| Sr.No. | Condition Type | Condition Details |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | AIR QUALITY MONITORING AND PRESERVATION | Gaseous emission levels including fugitive emissions from all the sources shall be controlled within the latest permissible limits issued by the ministry and regularly monitored. Guidelines/code of practice issued by the CPCB should be followed. |
| <p>PPs Submission: Complied</p> <p>Being followed. In the existing cement plant, all the stacks are equipped with high efficiency pollution control equipment. CPCB code of practices for control of fugitive emission has been implemented. Fugitive emissions are controlled at source itself by installing dedusting bag filters at all transfer points, all conveyors are being covered and all raw materials are stored in closed sheds. Internal roads are concreted and thick green belt is developed along the roads. Stack emission monitoring reports are enclosed as Annex-SC-1. The gaseous emissions and fugitive emissions are well within the stipulated standards. Details of Pollution Controlling Equipment is given below:</p> | | Date: 28/11/2025 |
| 2 | AIR QUALITY MONITORING AND PRESERVATION | The National Ambient Air Quality Standards issued by the ministry vide G.S.R. No.826 (E) dated 16th November, 2009 should be followed. |
| <p>PPs Submission: Complied</p> <p>Being followed. We are following standards of National Ambient Air Quality and all the results are well within the prescribed limit. AAQ reports are enclosed as Annex-SC-2 for your kind reference.</p> | | Date: 28/11/2025 |
| 3 | WATER QUALITY MONITORING AND PRESERVATION | Efforts shall be made to make use of rain water harvested. If needed, capacity of the reservoir shall be enhanced to meet the maximum water requirement. Only balance water requirement shall be met from other sources. |
| <p>PPs Submission: Complied</p> <p>Being followed. For the rain water harvesting, we have developed 03 ponds in our plant area for water storage and capacity of ponds is 2.50 lacs KL and in Mines we have 03 rain water reservoir of capacity - 32.0 lacs KL. Total water requirement for the existing plant after expansion are fulfilled from our rain water reservoirs. also made 17 no. (RWHS) artificial water recharging structures. Photographs of Rain water harvesting ponds and recharging structures are enclosed as Annex-SC-8</p> | | Date: 28/11/2025 |
| 4 | WASTE MANAGEMENT | All the bag filter dust, raw meal dust, clinker dust and cement dust from pollution control devices should be recycled and reused in the process used for cement manufacturing. Used oil should be sold to authorize recyclers/re processors only. |

| | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>PPs Submission: Complied Being followed. All the dust from bag filters, Bag House or ESP is recycled to the process and reused at appropriate stage. Used oil is sold to the authorized recyclers only having valid authorization from CPCB/MPPCB and annual returns are filed accordingly. Registration of recyclers is enclosed as Annex-SC-9</p> | | <p>Date: 28/11/2025</p> |
| 5 | GREENBELT | Green belt shall be developed in at least 33 percent area in around the cement plant as per the CPCB guidelines to mitigate the efforts of air emissions in consultations with local DFO. |
| <p>PPs Submission: Complied Being followed. Out of the total plant area (499.87 Acres), 36.23 percent (166 Acres) area has been developed under green belt/ plantation. We have planted 1500 saplings up to September - 2025 and, Industry has also donated 13500 approx. fruit bearing plant sapling to district administration to make Satna City greener. Local plant species are given preference in plantation. The saplings are purchased from District Forest Office and request letter for suggestions for implementation for plantation activities has been submitted at DFO, Satna. Copy of the same is enclosed as Annex-SC-10A. Photographs of Plantation is enclosed as Annex-SC-10B.</p> | | <p>Date: 28/11/2025</p> |
| 6 | Corporate Environmental Responsibility | At least 5 percent of the total cost of the project shall be earmarked towards the Enterprise Social Commitment based on locals need and item wise details along with time bound action plan should be prepared and submitted to the Ministry Regional Office at Bhopal. Implementation of such program should be ensured accordingly in a time bound manner. |
| <p>PPs Submission: Complied Being followed 5 percent of the total cost of expansion project i.e. Rs.6.75 crores had been earmarked for Enterprise Social Commitment. Time bound action plan for implementation of CSR initiatives is followed. Details of the CSR expenses for the year 2025-26 up to September - 2025 is enclosed as Annex-SC-11</p> | | <p>Date: 28/11/2025</p> |
| 7 | AIR QUALITY MONITORING AND PRESERVATION | 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 should not be over loaded. Vehicular emissions should be regularly monitored. |
| <p>PPs Submission: Complied The major raw material for cement manufacturing is Lime stone which is transported through covered belt conveyor from our captive lime stone mines to cement plant. The conveyor is fully covered and provided with bag filters/pocket filters at transfer points. Other raw materials/products are mainly transported through rail and too few extents by road in covered vehicle. Our unit have better rail and road connectivity with all major cities in MP State. Fly ash is transported in closed bulkers and stored in closed silos pneumatically. Vehicular emissions are monitored on regular basis. Reports enclosed as Annex-SC-6. No vehicle is over loaded for transportation of raw materials or products. Optimum speed (20 km/hr) of the vehicle is maintained within the plant premises.</p> | | <p>Date: 28/11/2025</p> |
| 8 | WATER QUALITY MONITORING AND PRESERVATION | Total ground water requirement for the cement plant shall not exceed 576 m3/day and necessary permission for the drawl shall be obtained. All the treated waste water should be recycled and reused in the process and / or for dust suppression and green belt development and other plant related activities etc. No process waste water shall be discharged outside the factory premises and zero discharge should be adopted. |
| <p>PPs Submission: Complied Zero discharge outside company premises is followed. No industrial waste water is generated. The waste water generated from domestic uses is treated in Sewage Treatment Plant and reused for plantation in plant and colony premises. STP waste water analysis reports are enclosed as Annex-</p> | | <p>Date: 28/11/2025</p> |

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SC-7. Water requirement is fulfilled from rain water harvested in captive mined out pits. No ground water withdrawal is done however, if required necessary permissions shall be obtained for extraction of ground water. | | |
| 9 | Corporate Environmental Responsibility | The company shall provide housing for construction labor within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile, toilets, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structure to be removed after the completion of the project. |
| PPs Submission: Complied Temporary housing with necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, creche etc. were provided during construction work. Project expansion work has been completed. Now we have removed all the temporary structures. | | Date: 28/11/2025 |
| 10 | AIR QUALITY MONITORING AND PRESERVATION | Particulate matter emission shall be controlled within 50 mg/Nm ³ by installing adequate air pollution control system viz. Bag filters and stacks of adequate height etc. Data on ambient air, fugitive and stack emissions shall be submitted to the Ministry's Regional Office at Bhopal, SPCB and CPCB regularly. |
| PPs Submission: Complied Being followed. Bag house for Kiln-raw mills, Coal Mills, Cement Mills and ESPs for Clinker cooler have been installed. The stacks heights are as per CPCB Guidelines. The emission from above mentioned stacks is below 30 mg/Nm ³ . Copy of stack emission and AAQM data is provided to MOEFCC, CPCB and MPPCB through six monthly compliance reports regularly. Third party monitoring Report of Stack emission is enclosed as Annex-SC-1. | | Date: 28/11/2025 |
| 11 | AIR QUALITY MONITORING AND PRESERVATION | The company shall install adequate dust collection and extraction system to control fugitive dust emission at various transfer points, raw mill handling (unloading, conveying, transporting, stacking), vehicular movement, bagging and packing areas etc. All the raw material stock piles should be covered. A closed clinker stock pile system shall be provided. All conveyers should be covered with GI sheets. Covered sheds for storage of raw materials and fully covered conveyers for transportation of materials shall be provided besides cement. Fly ash and Clinker shall be stored in silos. Pneumatic system shall be used for fly ash handling. |
| PPs Submission: Complied Being followed. For the existing plant, Closed storages / silos for clinker, fly ash, Gypsum, Cement and others raw materials are being used for storage. Bag filters / dust collectors have been installed at all material transfer points. Fly ash is transported pneumatically and stored in closed silos. All conveyers are fully covered with GI sheets and bag filters. are provided at all transfer points and silos. Photographs of Storage Facilities and Covered conveyers is enclosed as Annex-SC-4. | | Date: 28/11/2025 |
| 12 | AIR QUALITY MONITORING AND PRESERVATION | Asphalting/concreting of roads and water spray all around the stockyard and loading/unloading areas in the cement plant shall be carried out to control fugitive emissions. Regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of SPM and RSPM such as haul roads, loading and unloading points, transfer points and other vulnerable areas. It shall be insured that the ambient air quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard. |
| PPs Submission: Complied Being followed. All the roads in the plant premises are made concreted and road sweeping machine are deployed for regular cleaning of the roads. Water spray arrangement on raw materials at identified locations like Limestone, gypsum, coal and laterite are done regularly. A thick green belt | | Date: 28/11/2025 |

is developed in and around the plant premises. Vehicle speed is limited to 20 Km/Hr inside the plant premises to minimize fugitive emissions. Extreme care is being given for housekeeping. Always ensure that the fugitive emission is within the prescribed limits, also we have engaged 04 nos road sweeping machine for cleaning of SCW Plant, BVC Plant and colony premises Photograph is enclosed as Annex-SC-5

General Conditions

| Sr.No. | Condition Type | Condition Details |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Statutory compliance | 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 of Environment and Forests at http://envfor.nic.in |
| PPs Submission: Complied Already implemented. Copy of newspaper publication of accorded Environmental Clearance is enclosed as Annex-GC-15 | | Date: 28/11/2025 |
| 2 | Statutory compliance | No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forest. |
| PPs Submission: Complied Noted. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and climate Change. | | Date: 28/11/2025 |
| 3 | AIR QUALITY MONITORING AND PRESERVATION | 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 State Pollution Control Board may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location. |
| PPs Submission: Complied We are following the guidelines / norms laid down by the M.P. Pollution Control Board time to time and assure that the emissions (Dust and gaseous) are within the stipulated standards of MPPCB. Continuous emission Monitoring System (CEMS) is provided to all process and major stacks and online data connectivity with CPCB/MPPCB server is also done. | | Date: 28/11/2025 |
| 4 | AIR QUALITY MONITORING AND PRESERVATION | At least four ambient air quality monitoring stations should be established in the down ward direction as well as where maximum ground level concentration of PM10, SO2 and NOX are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its Regional Office at Bhopal and the SPCB/ CPCB once in six months. |
| PPs Submission: Complied Being followed. As per NAAQ guidelines, Ambient Air Quality is being monitored at four locations of one is in downwind direction. We have also installed two continuous ambient Air Quality Monitoring Stations and online data connectivity is established with CPCB/MPPCB website. The Ambient Air Quality Monitoring and Stack emission reports are enclosed as Annex-SC-1and SC-2 | | Date: 28/11/2025 |
| 5 | Noise Monitoring & Prevention | The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control |

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>PPs Submission: Complied Being followed. In the existing cement plant, following measures is already adopted: Proper encasement of noise generating sources is done to control the noise level below 75 dB(A). Machine are housed in building and provided with acoustic enclosures. Silencers and mufflers of the individual machines are being regularly checked. Noise attenuating devices like ear plug and ear muffs are providing to the workers in the area where required. Thick green belt is developed all along the internal roads and boundary wall. Regular monitoring of noise level is being done. Report on Ambient Noise levels is enclosed as Annex-GC-6.</p> | | <p>Date: 28/11/2025</p> |
| 6 | Human Health Environment | Occupational health surveillance of the workers should be done on a regular basis and records maintained as per the Factories Act. |
| <p>PPs Submission: Complied Being followed. In the existing cement plant, we have Hospital and Dispensary for regular checkup of employees and records are being maintained as per the factory act. Sample copy of Periodic medical checkup of workers is enclosed as Annex-GC-7.</p> | | <p>Date: 28/11/2025</p> |
| 7 | Corporate Environmental Responsibility | The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report. Further, the company must undertake socioeconomic development activities in the surrounding villages like community development programs, educational programmes, drinking water supply and health care etc. |
| <p>PPs Submission: Complied Being followed. The environmental safeguards and protection measures are followed as given in EIA/EMP for controlling of emissions, and safeguarding Air, Water Noise, Soil and flora and fauna. Under CSR activity, company has given prime importance for socioeconomic development by developing skills of local youth, formation of Self-Help Groups for women empowerment, up gradation of educational system by installing Digital class room facility, Supply of fresh and safe drinking water, better sanitation and health facility etc. in nearby villages. The details expenditure on CSR activities is given in Annex-SC-11.</p> | | <p>Date: 28/11/2025</p> |
| 8 | Corporate Environmental Responsibility | Requisite amount shall be earmarked towards capital cost and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the regional office of the Ministry at Bhopal. |
| <p>PPs Submission: Complied Being followed. Total cost of the project - 135 crores Recurring cost for Environmental Protection for the cement expansion for 2025-26 is Up to September - 2025 is attached Annex-GC-10 Recurring cost- 2198.66 Lacs.</p> | | <p>Date: 28/11/2025</p> |
| 9 | Statutory compliance | The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on Environment their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MoEF at Bhopal. The respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM10, SO2, NOX (ambient levels as well as stack emissions). |
| <p>PPs Submission: Complied Being followed. The compliance reports on EC conditions along with monitoring reports are available on company website with following URL: http://www.birlacorporation.com Screenshot of company website is attached as Annex-GC-12. The same is also shared with RO, MoEF CC, Bhopal, RO CPCB, Bhopal, HO, MPPCB, Bhopal and RO, MPPCB, Satna on six monthly basis.</p> | | <p>Date: 28/11/2025</p> |
| 10 | Statutory compliance | Project authorities shall inform the Regional Office as well as the |

| | | | |
|----|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| | | Ministry, the date of commencing the land development work. | |
| | | <p>PPs Submission: Complied</p> <p>Project expansion work has been completed and inform the MPPCB for the same through online application no. 66013 dated 01.11.2013. MPPCB, Bhopal grant the CTO vide their letter no. 943 for water and 945 for air dated 21.02.2014. Also, our Air and Water consent has been renewed regularly from M.P. Pollution Control Board, Bhopal. Last CCA- Renewal granted on 09/08/2025 and validity up to 30/09/2027. Copies enclosed as Annex-GC-16A and Annex-GC-16B for latest consent copy.</p> | Date: 28/11/2025 |
| 11 | Statutory compliance | The project authorities must strictly adhere to the stipulations made by the Madhya Pradesh Pollution Control Board and the State Government. | |
| | | <p>PPs Submission: Complied</p> <p>Being followed. All conditions stipulated in consent issued by Madhya Pradesh Pollution Control Board are being followed.</p> | Date: 28/11/2025 |
| 12 | WATER QUALITY MONITORING AND PRESERVATION | Industrial waste water shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) Dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. The treated waste water shall be utilized for plantation purpose. | |
| | | <p>PPs Submission: Complied</p> <p>Being followed. There is no generation of effluent from Cement manufacturing process. The domestic waste water is treated through Sewage treatment Plant and treated water is used for green belt development in plant and colony. There is no discharge of untreated waste water outside the company premises.</p> | Date: 28/11/2025 |
| 13 | WATER QUALITY MONITORING AND PRESERVATION | The company shall develop surface water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table. | |
| | | <p>PPs Submission: Complied</p> <p>Being followed. We have already adopted rain water harvesting in the plant, colony and Mines area. We have 03 ponds in our plant of water storage capacity - 2.50 lacs KL and in Mines we have 03 rain water reservoir of capacity - 32.0 lacs KL. In this context industry should also made 17 no. (RWHS). Total water requirement for the existing plant after expansion are fulfilled from our rain water reservoirs. Photographs of Rain water harvesting ponds and recharge pit are enclosed as Annex-SC-8</p> | Date: 28/11/2025 |
| 14 | Statutory compliance | 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 Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The Regional Office of the Ministry at Bhopal/CPCB/SPCB shall monitor the stipulated conditions. | |
| | | <p>PPs Submission: Complied</p> <p>Being followed. Previous six-monthly compliance report details are mentioned below. Ref. No.: BCL/Cement/MoEF, Delhi/EC compliance/2025-26/37 Dated- 24/05/2025. Previous six-monthly compliance report is attached Annex-GC-13</p> | Date: 28/11/2025 |
| 15 | Statutory compliance | 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 Office of the MoEF at Bhopal by e-mail. | |

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| <p>PPs Submission: Complied</p> <p>Being followed. We are regularly submitting the Environmental Statement Report of the existing cement plant to CPCB and SPCB. Environmental Statement Report for the year 2024-25 is enclosed as Annex-GC-14. The compliance reports on EC conditions along with monitoring reports are available on company website with following URL: http://www.birlacorporation.com Screenshot of company website is attached as Annex-GC-12.</p> | | <p>Date: 28/11/2025</p> |
| 16 | Statutory compliance | A copy of clearance letter shall be sent by the proponent to the concerned Panchayat, Zila Parishad/Municipal Corporation. The clearance letter shall also be put on the web site of the company by the proponent. |
| <p>PPs Submission: Complied</p> <p>Already implemented. A copy of clearance letter was sent to the Panchayat, Zila Parishad/Municipal Corporation. The clearance letter was also put on the web site of the company.</p> | | <p>Date: 28/11/2025</p> |
| Visit Remarks | | |
| Last Site Visit Report Date: | | N/A |
| Additional Remarks: | | |
| <p>Note: This acknowledgement is as per the details submitted by project proponent. In no way is this document to be considered as conclusion on any action on the compliance of the project. This is strictly for the project proponent's reference purpose.</p> | | |

TEST REPORT CODE: VGL/ST/25/05/28/002 ULR NO. TC144552500000941F TEST REPORT ISSUE DATE :02.06.2025

TEST REPORT OF STACK EMISSION MONITORING

Name & Address of Customer : M/S. BIRLA CORPORATION LIMITED
UNIT- SATNA CEMENT WORKS
(A UNIT OF MP BIRLA GROUP) PO- BIRLA VIKAS,
SATNA-485005, M. P. INDIA

Sample Collected by : VGL STAFF

Date of Sampling & Time : 25.05.2025 & 12:20 PM

Date of Sample Receiving : 28.05.2025

Date of Sample Processing : 29.05.2025

Location : SCW KILN BAG HOUSE STACK

Duration of Sampling : 50.0 MIN

Source of Emission : STACK EMISSION

Sampling Method : IS: 11255

Instrument Used : STACK MONITORING KIT

Details of Stack

Material of Construction : M.S.

Stack attached to : BAG HOUSE

Stack Height above Ground (m) : 42.0

Stack Dia at the Top(m) : 2.8

Cross Sectional Area of Duct/ Stack (m²) : 6.160

Ambient Temperature °C : 36.0

Flue gas Temperature °C : 167.0

Exit Velocity of Flue Gas (m/sec.) : 10.92

Quantity Of Emission Discharged (Nm³/Sec) : 47.637

Quantity Of Emission Discharged (Nm³/hr) : 171494.0

Type of Fuel : Coal

TEST RESULT

| SL. NO. | TESTS CONDUCTED | METHOD | UNIT | RESULT | Limit |
|---------|---------------------------------------|-------------------|--------------------|--------|-------|
| 1. | Particulate Matter (PM) | IS:11255 (Part-1) | mg/Nm ³ | 13.45 | 30 |
| 2. | Sulphur Dioxide (SO ₂) | IS:11255 (Part-2) | mg/Nm ³ | 0.00 | 100 |
| 3. | Oxides of Nitrogen (NO _x) | IS:11255 (Part-7) | mg/Nm ³ | 688.00 | 800 |
| 4. | Carbon Monoxide (CO) | IS 13270 RA 2009 | % | <1.0 | - |
| 5. | Carbon Dioxide (CO ₂) | IS 13270 RA 2009 | % | 15.79 | - |
| 6. | Oxygen (O ₂) | IS 13270 RA 2009 | % | 12.3 | - |

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Note:

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- The sample will be destroyed after 15days from the date of issue of test certificate unless otherwise specified.
- Any discrepancy in test result should be reported within 15Days.
- The above Results are related to the tested sample only.


VIRAT GLOBAL LAB
Authorized Signatory
(A Division of Aseries Envirotek India Pvt. Ltd.)


Authorised Signatory
D. K. Yadav
Lab In-charge

TEST REPORT CODE: VGL/ST/25/05/28/003 ULR NO. TC14455250000942F TEST REPORT ISSUE DATE :02.06.2025

TEST REPORT OF STACK EMISSION MONITORING

Name & Address of Customer : M/S. BIRLA CORPORATION LIMITED
UNIT- SATNA CEMENT WORKS
(A UNIT OF MP BIRLA GROUP) PO- BIRLA VIKAS,
SATNA-485005, M. P. INDIA

Sample Collected by : VGL STAFF

Date of Sampling & Time : 25.05.2025 & 01:50 PM

Date of Sample Receiving : 28.05.2025

Date of Sample Processing : 29.05.2025

Location : SCW COOLER ESP STACK

Duration of Sampling : 45.0 MIN

Source of Emission : STACK EMISSION

Sampling Method : IS: 11255

Instrument Used : STACK MONITORING KIT

Details of Stack

Material of Construction : M.S.

Stack attached to : **ESP**

Stack Height above Ground (m) : 31.0

Stack Dia at the Top(m) : 2.9

Cross Sectional Area of Duct/ Stack (m2) : 6.6079

Ambient Temperature °C : 36.0

Flue gas Temperature °C : 128.3

Exit Velocity of Flue Gas (m/sec.) : 14.62

Quantity Of Emission Discharged (Nm3/Sec) : 69.906

Quantity Of Emission Discharged (Nm3/hr) : 251663.0

Type of Fuel : NA

TEST RESULT

| SL. NO. | TESTS CONDUCTED | METHOD | UNIT | RESULT | Limit |
|---------|-------------------------|-------------------|--------------------|--------|-------|
| 1. | Particulate Matter (PM) | IS:11255 (Part-1) | mg/Nm ³ | 12.67 | 30 |

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VIRAT GLOBAL LAB
Authorized Signatory
(A Division of Aseries Envirotek India Pvt. Ltd.)


Authorized Signatory

D. K. Yadav
Lab In-charge

TEST REPORT CODE: VGL/ST/25/05/28/004 ULR NO. TC144552500000943F TEST REPORT ISSUE DATE :02.06.2025

TEST REPORT OF STACK EMISSION MONITORING

Name & Address of Customer : M/S. BIRLA CORPORATION LIMITED
 UNIT- SATNA CEMENT WORKS
 (A UNIT OF MP BIRLA GROUP) PO- BIRLA VIKAS,
 SATNA-485005, M. P. INDIA

Sample Collected by : VGL STAFF
Date of Sampling & Time : 25.05.2025 & 03:00 PM
Date of Sample Receiving : 28.05.2025
Date of Sample Processing : 29.05.2025
Location : SCW COAL BAIL MILL BAG HOUSE STACK
Duration of Sampling : 40.0 MIN
Source of Emission : STACK EMISSION
Sampling Method : IS: 11255
Instrument Used : STACK MONITORING KIT

Details of Stack
Material of Construction : M.S.
Stack attached to : BAG HOUSE
Stack Height above Ground (m) : 62.0
Stack Dia at the Top(m) : 1.6
Cross Sectional Area of Duct/ Stack (m²) : 2.011
Ambient Temperature °C : 36.0
Flue gas Temperature °C : 57.0
Exit Velocity of Flue Gas (m/sec.) : 9.58
Quantity Of Emission Discharged (Nm³/Sec) : 16.953
Quantity Of Emission Discharged (Nm³/hr) : 61030.0
Type of Fuel : NA

TEST RESULT

| SL. NO. | TESTS CONDUCTED | METHOD | UNIT | RESULT | Limit |
|---------|-------------------------|-------------------|--------------------|--------|-------|
| 1. | Particulate Matter (PM) | IS:11255 (Part-1) | mg/Nm ³ | 13.27 | 30 |

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VIRAT GLOBAL LAB
 (A Division of Aseries Envirotek India Pvt. Ltd.)


 Authorised Signatory
 D. K. Yadav
 Lab In-charge

TEST REPORT CODE: VGL/ST/25/05/28/005 ULR NO. TC14455250000944F TEST REPORT ISSUE DATE :02.06.2025

TEST REPORT OF STACK EMISSION MONITORING

Name & Address of Customer : M/S. BIRLA CORPORATION LIMITED
UNIT- SATNA CEMENT WORKS
(A UNIT OF MP BIRLA GROUP) PO- BIRLA VIKAS,
SATNA-485005, M. P. INDIA

Sample Collected by : VGL STAFF

Date of Sampling & Time : 25.05.2025 & 04:10 PM

Date of Sample Receiving : 28.05.2025

Date of Sample Processing : 29.05.2025

Location : SCW CEMENTT MILL-1 BAG HOUSE STACK

Duration of Sampling : 45.0 MIN

Source of Emission : STACK EMISSION

Sampling Method : IS: 11255

Instrument Used : STACK MONITORING KIT

Details of Stack

Material of Construction : M.S.

Stack attached to : **BAG HOUSE**

Stack Height above Ground (m) : 42.0

Stack Dia at the Top(m) : 0.9

Cross Sectional Area of Duct/ Stack (m2) : 0.6364

Ambient Temperature °C : 36.5

Flue gas Temperature °C : 80.0

Exit Velocity of Flue Gas (m/sec.) : 26.82

Quantity Of Emission Discharged (Nm3/Sec) : 14.041

Quantity Of Emission Discharged (Nm3/hr) : 50547.0

Type of Fuel : NA

TEST RESULT

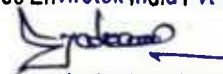
| SL. NO. | TESTS CONDUCTED | METHOD | UNIT | RESULT | Limit |
|---------|-------------------------|-------------------|--------------------|--------|-------|
| 1. | Particulate Matter (PM) | IS:11255 (Part-1) | mg/Nm ³ | 19.31 | 30 |

Page 1 of 1

Note:

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VIRAT GLOBAL LAB
(A Division of Aseries Envirotek India Pvt Ltd.)


Authorised Signatory
D. K. Yadav
Lab In-charge

TEST REPORT CODE: VGL/ST/25/05/28/006 ULR NO. TC14455250000945F TEST REPORT ISSUE DATE ;02.06.2025

TEST REPORT OF STACK EMISSION MONITORING

Name & Address of Customer : M/S. BIRLA CORPORATION LIMITED
 UNIT- SATNA CEMENT WORKS
 (A UNIT OF MP BIRLA GROUP) PO- BIRLA VIKAS,
 SATNA-485005, M. P. INDIA
 Sample Collected by : VGL STAFF
 Date of Sampling & Time : 25.05.2025 & 05:15 PM
 Date of Sample Receiving : 28.05.2025
 Date of Sample Processing : 29.05.2025
 Location : SCW VERTICAL COAL MILL BAG HOUSE STACK
 Duration of Sampling : 40.0 MIN
 Source of Emission : STACK EMISSION
 Sampling Method : IS: 11255
 Instrument Used : STACK MONITORING KIT

Details of Stack

Material of Construction : M.S.
 Stack attached to : BAG HOUSE
 Stack Height above Ground (m) : 62.0
 Stack Dia at the Top(m) : 1.40
 Cross Sectional Area of Duct/ Stack (m2) : 1.54
 Ambient Temperature °C : 37.0
 Flue gas Temperature °C : 65.0
 Exit Velocity of Flue Gas (m/sec.) : 11.27
 Quantity of Emission Discharged (Nm3/Sec) : 14.911
 Quantity Of Emission Discharged (Nm3/hr) : 53679.0
 Type of Fuel : NA

TEST RESULT

| SL. NO. | TESTS CONDUCTED | METHOD | UNIT | RESULT | Limit |
|---------|-------------------------|-------------------|--------------------|--------|-------|
| I. | Particulate Matter (PM) | IS:11255 (Part-1) | mg/Nm ³ | 15.67 | 30 |

Page 1 of 1

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VIRAT GLOBAL LAB
 (A Division of Aseries Envirotek India Pvt. Ltd.)


 Authorised Signatory

 D. K. Yadav
 Lab In-charge

TEST REPORT CODE: VGL/ST/25/05/28/007

ULR NO. TC144552500000946F

TEST REPORT ISSUE DATE :02.06.2025

TEST REPORT OF STACK EMISSION MONITORING

Name & Address of Customer : M/S. BIRLA CORPORATION LIMITED
 UNIT- SATNA CEMENT WORKS
 (A UNIT OF MP BIRLA GROUP) PO- BIRLA VIKAS,
 SATNA-485005, M. P. INDIA

Sample Collected by : VGL STAFF
Date of Sampling & Time : 25.05.2025 & 06:20 PM
Date of Sample Receiving : 28.05.2025
Date of Sample Processing : 29.05.2025
Location : SCW CEMENTT MILL-1 A BAG HOUSE STACK
Duration of Sampling : 45.0 MIN
Source of Emission : STACK EMISSION
Sampling Method : IS: 11255
Instrument Used : STACK MONITORING KIT

Details of Stack

Material of Construction : M.S.
Stack attached to : BAG HOUSE
Stack Height above Ground (m) : 42.0
Stack Dia at the Top(m) : 1.09
Cross Sectional Area of Duct/ Stack (m2) : 0.9335
Ambient Temperature °C : 36.0
Flue gas Temperature °C : 85.2
Exit Velocity of Flue Gas (m/sec.) : 15.24
Quantity Of Emission Discharged (Nm3/Sec) : 11.533
Quantity Of Emission Discharged (Nm3/hr) : 41519.0
Type of Fuel :

TEST RESULT

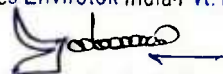
| SL. NO. | TESTS CONDUCTED | METHOD | UNIT | RESULT | Limit |
|---------|-------------------------|-------------------|--------------------|--------|-------|
| 1. | Particulate Matter (PM) | IS:11255 (Part-1) | mg/Nm ³ | 14.64 | 30 |

Page 1 of 1

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VIRAT GLOBAL LAB
 (A Division of Aseries Envirotek India Pvt. Ltd.)


 Authorised Signatory
 D. K. Yadav
 Lab In-charge

TEST REPORT CODE: VGL/ST/25/05/28/008 ULR NO. TC14455250000947F TEST REPORT ISSUE DATE :02.06.2025

TEST REPORT OF STACK EMISSION MONITORING

Name & Address of Customer : M/S. BIRLA CORPORATION LIMITED
UNIT- SATNA CEMENT WORKS
(A UNIT OF MP BIRLA GROUP) PO- BIRLA VIKAS,
SATNA-485005, M. P. INDIA

Sample Collected by : VGL STAFF

Date of Sampling & Time : 26.05.2025 & 10:00 AM

Date of Sample Receiving : 28.05.2025

Date of Sample Processing : 29.05.2025

Location : BVC RAW MILL/KILN ESP STACK

Duration of Sampling : 50.0 MIN

Source of Emission : STACK EMISSION

Sampling Method : IS: 11255

Instrument Used : STACK MONITORING KIT

Details of Stack

Material of Construction : M.S.

Stack attached to : ESP

Stack Height above Ground (m) : 130.0

Stack Dia at the Top(m) : 3.0

Cross Sectional Area of Duct/ Stack (m²) : 7.0714

Ambient Temperature °C : 36.0

Flue gas Temperature °C : 117.0

Exit Velocity of Flue Gas (m/sec.) : 13.69

Quantity of Emission Discharged (Nm³/Sec) : 72.081

Quantity Of Emission Discharged (Nm³/hr) : 259490.0

Type of Fuel : COAL

TEST RESULT

| SL. NO. | TESTS CONDUCTED | METHOD | UNIT | RESULT | Limit |
|---------|---------------------------------------|-------------------|--------------------|--------|-------|
| 1. | Particulate Matter (PM) | IS:11255 (Part-1) | mg/Nm ³ | 19.39 | 30 |
| 2. | Sulphur Dioxide (SO ₂) | IS:11255 (Part-2) | mg/Nm ³ | 0.00 | 100 |
| 3. | Oxides of Nitrogen (NO _x) | IS:11255 (Part-7) | mg/Nm ³ | 702.52 | 800 |
| 4. | Carbon Dioxide (CO ₂) | IS 13270 RA 2009 | % | 15.1 | - |
| 5. | Oxygen (O ₂) | IS 13270 RA 2009 | % | 10.3 | - |

Page 1 of 1

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VIRAT GLOBAL LAB
(A Division of Aseries Envirotek India Pvt. Ltd.)



Authorized Signatory
D. K. Yadav
Lab In-charge

TEST REPORT CODE: VGL/ST/25/05/28/009 ULR NO. TC14455250000948F TEST REPORT ISSUE DATE :02.06.2025

TEST REPORT OF STACK EMISSION MONITORING

Name & Address of Customer : M/S. BIRLA CORPORATION LIMITED
UNIT- SATNA CEMENT WORKS
(A UNIT OF MP BIRLA GROUP) PO- BIRLA VIKAS,
SATNA-485005, M. P. INDIA

Sample Collected by : VGL STAFF

Date of Sampling & Time : 26.05.2025 & 11:30 AM

Date of Sample Receiving : 28.05.2025

Date of Sample Processing : 29.05.2025

Location : BVC KILN BAG HOUSE STACK

Duration of Sampling : 35.0 MIN

Source of Emission : STACK EMISSION

Sampling Method : IS: 11255

Instrument Used : STACK MONITORING KIT

Details of Stack

Material of Construction : M.S.

Stack attached to : BAG HOUSE

Stack Height above Ground (m) : 145.0

Stack Dia at the Top(m) : 4.0

Cross Sectional Area of Duct/ Stack (m²) : 12.57

Ambient Temperature °C : 37.0

Flue gas Temperature °C : 98.0

Exit Velocity of Flue Gas (m/sec.) : 10.15

Quantity Of Emission Discharged (Nm³/Sec) : 99.862

Quantity Of Emission Discharged (Nm³/hr) : 359505.0

Type of Fuel : COAL

TEST RESULT

| SL. NO. | TESTS CONDUCTED | METHOD | UNIT | RESULT | Limit |
|---------|---------------------------------------|-------------------|--------------------|--------|-------|
| 1. | Particulate Matter (PM) | IS:11255 (Part-1) | mg/Nm ³ | 16.57 | 30 |
| 2. | Sulphur Dioxide (SO ₂) | IS:11255 (Part-2) | mg/Nm ³ | 6.57 | 100 |
| 3. | Oxides of Nitrogen (NO _x) | IS:11255 (Part-7) | mg/Nm ³ | 694.85 | 800 |
| 4. | Carbon Dioxide (CO ₂) | IS 13270 RA 2009 | % | 14.3 | - |
| 5. | Oxygen (O ₂) | IS 13270 RA 2009 | % | 13.9 | - |

Page 1 of 1

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VIRAT GLOBAL LAB
(A Division of Aseries Envirotek India Pvt. Ltd.)

[Signature]
Authorised Signatory

D. K. Yadav
Lab In-charge

TEST REPORT CODE: VGL/ST/25/05/28/010 ULR NO. TC14455250000949F

TEST REPORT ISSUE DATE :02.06.2025

TEST REPORT OF STACK EMISSION MONITORING

Name & Address of Customer : M/S. BIRLA CORPORATION LIMITED
 UNIT- SATNA CEMENT WORKS
 (A UNIT OF MP BIRLA GROUP) PO- BIRLA VIKAS,
 SATNA-485005, M. P. INDIA

Sample Collected by : VGL STAFF
Date of Sampling & Time : 26.05.2025 & 12:50 PM
Date of Sample Receiving : 28.05.2025
Date of Sample Processing : 29.05.2025
Location : BVC COAL BALL MILL BAG HOUSE STACK
Duration of Sampling : 40.0 MIN
Source of Emission : STACK EMISSION
Sampling Method : IS: 11255
Instrument Used : STACK MONITORING KIT

Details of Stack

Material of Construction : M.S.
Stack attached to : BAG HOUSE
Stack Height above Ground (m) : 47.0
Stack Dia at the Top(m) : 1.4
Cross Sectional Area of Duct/ Stack (m2) : 1.54
Ambient Temperature °C : 37.1
Fluc gas Temperature °C : 55.4
Exit Velocity of Fluc Gas (m/sec.) : 13.7
Quantity Of Emission Discharged (Nm3/Sec) : 18.656
Quantity Of Emission Discharged (Nm3/hr) : 67161.0
Type of Fuel : -

TEST RESULT

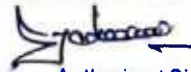
| SL. NO. | TESTS CONDUCTED | METHOD | UNIT | RESULT | Limit |
|---------|-------------------------|-------------------|--------------------|--------|-------|
| 1. | Particulate Matter (PM) | IS:11255 (Part-1) | mg/Nm ³ | 12.83 | 30 |

Page 1 of 1

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VIRAT GLOBAL LAB
 (A Division of Aseries Envirotek India Pvt. Ltd.)


 Authorised Signatory
 D. K. Yadav
 Lab In-charge

TEST REPORT CODE: VGL/ST/25/05/28/011

ULR NO. TC14455250000950F

TEST REPORT ISSUE DATE 02.06.2025

TEST REPORT OF STACK EMISSION MONITORING

Name & Address of Customer : M/S. BIRLA CORPORATION LIMITED
 UNIT- SATNA CEMENT WORKS
 (A UNIT OF MP BIRLA GROUP) PO- BIRLA VIKAS,
 SATNA-485005, M. P. INDIA

Sample Collected by : VGL STAFF
Date of Sampling & Time : 26.05.2025 & 02:00 PM
Date of Sample Receiving : 28.05.2025
Date of Sample Processing : 29.05.2025
Location : BVC VERTICAL COAL MILL BAG HOUSE
Duration of Sampling : 45.0 MIN
Source of Emission : STACK EMISSION
Sampling Method : IS: 11255
Instrument Used : STACK MONITORING KIT

Details of Stack
Material of Construction : M.S.
Stack attached to : BAG HOUSE
Stack Height above Ground (m) : 62.0
Stack Dia at the Top(m) : 1.6
Cross Sectional Area of Duct/ Stack (m²) : 2.011
Ambient Temperature °C : 36.7
Flue gas Temperature °C : 58.3
Exit Velocity of Flue Gas (m/sec.) : 9.68
Quantity Of Emission Discharged (Nm³/Sec) : 17.062
Quantity Of Emission Discharged (Nm³/hr) : 61425.0
Type of Fuel : -

TEST RESULT

| SL. NO. | TESTS CONDUCTED | METHOD | UNIT | RESULT | Limit |
|---------|-------------------------|-------------------|--------------------|--------|-------|
| 1. | Particulate Matter (PM) | IS:11255 (Part-1) | mg/Nm ³ | 13.80 | 30 |

Page 1 of 1

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VIRAT GLOBAL LAB
 (A Division of Aseries Envirotek India Pvt. Ltd.)


 Authorised Signatory

 D. K. Yadav
 Lab In-charge


TEST REPORT CODE: VGL/ST/25/05/28/012 ULR NO. TC14455250000951F TEST REPORT ISSUE DATE :02.06.2025

TEST REPORT OF STACK EMISSION MONITORING

Name & Address of Customer : M/S. BIRLA CORPORATION LIMITED
 UNIT- SATNA CEMENT WORKS
 (A UNIT OF MP BIRLA GROUP) PO- BIRLA VIKAS,
 SATNA-485005, M. P. INDIA

Sample Collected by : VGL STAFF
Date of Sampling & Time : 26.05.2025 & 03:15 PM
Date of Sample Receiving : 28.05.2025
Date of Sample Processing : 29.05.2025
Location : BVC CEMENT MILL-2 BAG HOUSE STACK
Duration of Sampling : 45.0 MIN
Source of Emission : STACK EMISSION
Sampling Method : IS: 11255
Instrument Used : STACK MONITORING KIT

Details of Stack
Material of Construction : M.S.
Stack attached to : BAG HOUSE
Stack Height above Ground (m) : 42.0
Stack Dia at the Top(m) : 0.8
Cross Sectional Area of Duct/ Stack (m2) : 0.5028
Ambient Temperature °C : 36.8
Flue gas Temperature °C : 86.0
Exit Velocity of Flue Gas (m/sec.) : 18.21
Quantity Of Emission Discharged (Nm3/Sec) : 7.406
Quantity Of Emission Discharged (Nm3/hr) : 26662.0
Type of Fuel : -

TEST RESULT

| Sl. NO. | TESTS CONDUCTED | METHOD | UNIT | RESULT | Limit |
|---------|-------------------------|-------------------|--------------------|--------|-------|
| 1. | Particulate Matter (PM) | IS:11255 (Part-1) | mg/Nm ³ | 15.61 | 30 |

Page 1 of 1

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VIRAT GLOBAL LAB
 (A Division of Aseries Envirotek India Pvt. Ltd.)


 Authorised Signatory
 D. K. Yadav
 Lab In-charge

TEST REPORT CODE: VGL/ST/25/05/28/013 ULR NO. TC144552500000952F TEST REPORT ISSUE DATE: 02.06.2025

TEST REPORT OF STACK EMISSION MONITORING

Name & Address of Customer : M/S. BIRLA CORPORATION LIMITED
UNIT- SATNA CEMENT WORKS
(A UNIT OF MP BIRLA GROUP) PO- BIRLA VIKAS,
SATNA-485005, M. P. INDIA

Sample Collected by : VGL STAFF

Date of Sampling & Time : 26.05.2025 & 04:25 PM

Date of Sample Receiving : 28.05.2025

Date of Sample Processing : 29.05.2025

Location : BVC CEMENT MILL-I BAG HOUSE STACK

Duration of Sampling : 50.0 MIN

Source of Emission : STACK EMISSION

Sampling Method : IS: 11255

Instrument Used : STACK MONITORING KIT

Details of Stack

Material of Construction : M.S.

Stack attached to : **BAG HOUSE**

Stack Height above Ground (m) : 42.0

Stack Dia at the Top(m) : 1.25

Cross Sectional Area of Duct/ Stack (m²) : 1.2276

Ambient Temperature °C : 36.0

Flue gas Temperature °C : 81.0

Exit Velocity of Flue Gas (m/sec.) : 9.39

Quantity Of Emission Discharged (Nm³/Sec) : 9.546

Quantity Of Emission Discharged (Nm³/hr) : 34041.0

Type of Fuel : -

TEST RESULT

| SL. NO. | TESTS CONDUCTED | METHOD | UNIT | RESULT | Limit |
|---------|-------------------------|-------------------|--------------------|--------|-------|
| 1. | Particulate Matter (PM) | IS:11255 (Part-1) | mg/Nm ³ | 17.50 | 30 |

Page 1 of 1

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Review By:

Authorized Signatory
VIRAT GLOBAL LAB
(A Division of Aseries Envirotek India Pvt. Ltd.)


D. K. Yadav
Lab In-charge

TEST REPORT CODE: VGL/ST/25/05/28/014 ULR NO. TC14455250000953F TEST REPORT ISSUE DATE :02.06.2025

TEST REPORT OF STACK EMISSION MONITORING

Name & Address of Customer : M/S. BIRLA CORPORATION LIMITED
 UNIT- SATNA CEMENT WORKS
 (A UNIT OF MP BIRLA GROUP) PO- BIRLA VIKAS,
 SATNA-485005, M. P. INDIA
Sample Collected by : VGL STAFF
Date of Sampling & Time : 26.05.2025 & 05:30 PM
Date of Sample Receiving : 28.05.2025
Date of Sample Processing : 29.05.2025
Location : BVC COOLER ESP STACK
Duration of Sampling : 45.0 MIN
Source of Emission : STACK EMISSION
Sampling Method : IS: 11255
Instrument Used : STACK MONITORING KIT
Details of Stack
 Material of Construction : M.S.
 Stack attached to : ESP
 Stack Height above Ground (m) : 31.0
 Stack Dia at the Top(m) : 2.90
 Cross Sectional Area of Duct/ Stack (m2) : 6.6079
 Ambient Temperature °C : 36.7
 Flue gas Temperature °C : 156.0
 Exit Velocity of Flue Gas (m/sec.) : 19.39
 Quantity Of Emission Discharged (Nm3/Sec) : 86.728
 Quantity Of Emission Discharged (Nm3/hr) : 312220.0
 Type of Fuel :

TEST RESULT

| SL. NO. | TESTS CONDUCTED | METHOD | UNIT | RESULT | Limit |
|---------|-------------------------|-------------------|--------------------|--------|-------|
| 1. | Particulate Matter (PM) | IS:11255 (Part-1) | mg/Nm ³ | 21.64 | 30 |

Page 1 of 1

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4. The above Results are related to the tested sample only.

Review By:


Authorized Signatory
VIRAT GLOBAL LAB
 (A Division of Aseries Envirotek India Pvt. Ltd.)


Authorized Signatory
 D. K. Yadav
 Lab In-charge

TEST REPORT CODE: VGL/ST/25/09/04/001

ULR NO. TC144552500002000F

TEST REPORT ISSUE DATE:15.09.2025

TEST REPORT OF STACK EMISSION MONITORING

Name & Address of Customer : M/S. BIRLA CORPORATION LIMITED
UNIT- SATNA CEMENT WORKS
(A UNIT OF MP BIRLA GROUP)
PO- BIRLA VIKAS, SATNA-485005, M. P. INDIA

Sample Collected by : VGL STAFF

Date of Sampling & Time : 22.08.2025 & 10:20 AM

Date of Sample Receiving : 04.09.2025

Date of Sample Processing : 05.09.2025

Location : SCW RAW MILL/ KILN BAG HOUSE STACK

Duration of Sampling : 55.0 MIN

Source of Emission : STACK EMISSION

Sampling Method : IS: 11255

Instrument Used : STACK MONITORING KIT

Details of Stack

Material of Construction : M.S.

Stack attached to : **BAG HOUSE**

Stack Height above Ground (m) : 105

Stack Dia at the Top(m) : 3.15

Cross Sectional Area of Duct/ Stack (m²) : 7.7962

Ambient Temperature °C : 32.3

Flue gas Temperature °C : 100.0

Exit Velocity of Flue Gas (m/sec.) : 16.3

Flow of gases (Nm³/Sec) : 99.065

Flow of gases (Nm³/hr) : 356636.0

Type of Fuel : Coal

TEST RESULT

| SL. NO. | TESTS CONDUCTED | METHOD | UNIT | RESULT | Limit |
|---------|---------------------------------------|-------------------|--------------------|--------|-------|
| 1. | Particulate Matter (PM) | IS:11255 (Part-1) | mg/Nm ³ | 17.96 | 30 |
| 2. | Sulphur Dioxide (SO ₂) | IS:11255 (Part-2) | mg/Nm ³ | ND | 100 |
| 3. | Oxides of Nitrogen (NO _x) | IS:11255 (Part-7) | mg/Nm ³ | 664.6 | 800 |
| 4. | Carbon Monoxide (CO) | IS 13270 RA 2009 | % | <1.0 | - |
| 5. | Carbon Dioxide (CO ₂) | IS 13270 RA 2009 | % | 16.5 | - |
| 6. | Oxygen (O ₂) | IS 13270 RA 2009 | % | 11.6 | - |

Page 1 of 1

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VIRAT GLOBAL LAB
Authorized Signatory
(A Division of Aseries Envirotek India Pvt. Ltd.)

D. K. Yadav
Lab In-charge
Authorized Signatory

TEST REPORT CODE: VGL/ST/25/09/04/002 ULR NO. TC144552500002001F TEST REPORT ISSUE DATE :15.09.2025

TEST REPORT OF STACK EMISSION MONITORING

Name & Address of Customer : **M/S. BIRLA CORPORATION LIMITED**
 UNIT- SATNA CEMENT WORKS
 (A UNIT OF MP BIRLA GROUP) PO- BIRLA VIKAS,
 SATNA-485005, M. P. INDIA
Sample Collected by : VGL STAFF
Date of Sampling & Time : 22.08.2025 & 02:40 PM
Date of Sample Receiving : 04.09.2025
Date of Sample Processing : 05.09.2025
Location : **SCW KILN BAG HOUSE STACK**
Duration of Sampling : 45.0 MIN
Source of Emission : STACK EMISSION
Sampling Method : IS: 11255
Instrument Used : STACK MONITORING KIT
Details of Stack
Material of Construction : M.S.
Stack attached to : **BAG HOUSE**
Stack Height above Ground (m) : 42.0
Stack Dia at the Top(m) : 2.8
Cross Sectional Area of Duct/ Stack (m²) : 6.160
Ambient Temperature °C : 30.0
Flue gas Temperature °C : 160.0
Exit Velocity of Flue Gas (m/sec.) : 10.12
Flow of gases (Nm³/Sec) : 41.863
Flow of gases (Nm³/hr) : 150708.0
Type of Fuel : Coal

TEST RESULT

| SL. NO. | TESTS CONDUCTED | METHOD | UNIT | RESULT | Limit |
|---------|---------------------------------------|-------------------|--------------------|--------|-------|
| 1. | Particulate Matter (PM) | IS:11255 (Part-1) | mg/Nm ³ | 15.90 | 30 |
| 2. | Sulphur Dioxide (SO ₂) | IS:11255 (Part-2) | mg/Nm ³ | ND | 100 |
| 3. | Oxides of Nitrogen (NO _x) | IS:11255 (Part-7) | mg/Nm ³ | 667.0 | 800 |
| 4. | Carbon Monoxide (CO) | IS 13270 RA 2009 | % | <1.0 | - |
| 5. | Carbon Dioxide (CO ₂) | IS 13270 RA 2009 | % | 14.65 | - |
| 6. | Oxygen (O ₂) | IS 13270 RA 2009 | % | 12.1 | - |

Page 1 of 1

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VIRAT GLOBAL LAB
 (A Division of Aseries Envirotek India Pvt. Ltd.)
 Authorized Signatory

D. K. Yadav
 Lab In-charge
 Authorised Signatory

TEST REPORT CODE: VGL/ST/25/09/04/003 ULR NO. TC144552500002002F TEST REPORT ISSUE DATE :15.09.2025

TEST REPORT OF STACK EMISSION MONITORING

Name & Address of Customer : M/S. BIRLA CORPORATION LIMITED
 UNIT- SATNA CEMENT WORKS
 (A UNIT OF MP BIRLA GROUP) PO- BIRLA VIKAS,
 SATNA-485005, M. P. INDIA

Sample Collected by : VGL STAFF
Date of Sampling & Time : 23.08.2025 & 10:10 AM
Date of Sample Receiving : 04.09.2025
Date of Sample Processing : 05.09.2025
Location : SCW COOLER ESP STACK
Duration of Sampling : 40.0 MIN
Source of Emission : STACK EMISSION
Sampling Method : IS: 11255
Instrument Used : STACK MONITORING KIT

Details of Stack
 Material of Construction : M.S.
 Stack attached to : ESP
 Stack Height above Ground (m) : 31.0
 Stack Dia at the Top(m) : 2.9
 Cross Sectional Area of Duct/ Stack (m2) : 6.6079
 Ambient Temperature °C : 31.0
 Flue gas Temperature °C : 122.5
 Exit Velocity of Flue Gas (m/sec.) : 13.54
 Flow of gases (Nm3/Sec) : 65.780
 Flow of gases (Nm3/hr) : 236809.0
 Type of Fuel : NA

TEST RESULT

| SL. NO. | TESTS CONDUCTED | METHOD | UNIT | RESULT | Limit |
|---------|-------------------------|-------------------|--------------------|--------|-------|
| 1. | Particulate Matter (PM) | IS:11255 (Part-1) | mg/Nm ³ | 11.24 | 30 |

Page 1 of 1

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 D. K. Yadav
 Lab In-charge
 Authorized Signatory

TEST REPORT CODE: VGL/ST/25/09/04/004 ULR NO. TC144552500002003F TEST REPORT ISSUE DATE :15.09.2025

TEST REPORT OF STACK EMISSION MONITORING

Name & Address of Customer : M/S. BIRLA CORPORATION LIMITED
 UNIT- SATNA CEMENT WORKS
 (A UNIT OF MP BIRLA GROUP) PO- BIRLA VIKAS,
 SATNA-485005, M. P. INDIA
Sample Collected by : VGL STAFF
Date of Sampling & Time : 23.08.2025 & 03:20 PM
Date of Sample Receiving : 04.09.2025
Date of Sample Processing : 05.09.2025
Location : SCW COAL BAIL MILL BAG HOUSE STACK
Duration of Sampling : 45.0 MIN
Source of Emission : STACK EMISSION
Sampling Method : IS: 11255
Instrument Used : STACK MONITORING KIT
Details of Stack
Material of Construction : M.S.
Stack attached to : BAG HOUSE
Stack Height above Ground (m) : 62.0
Stack Dia at the Top(m) : 1.6
Cross Sectional Area of Duct/ Stack (m²) : 2.011
Ambient Temperature °C : 30.0
Flue gas Temperature °C : 54.0
Exit Velocity of Flue Gas (m/sec.) : 9.12
Flow of gases (Nm³/Sec) : 16.309
Flow of gases (Nm³/hr) : 58711.0
Type of Fuel : NA

TEST RESULT

| SL. NO. | TESTS CONDUCTED | METHOD | UNIT | RESULT | Limit |
|---------|-------------------------|-------------------|--------------------|--------|-------|
| 1. | Particulate Matter (PM) | IS:11255 (Part-1) | mg/Nm ³ | 14.59 | 30 |

Page 1 of 1

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 D. K. Yadav
 Lab In-charge
 Authorised Signatory

TEST REPORT CODE: VGL/ST/25/09/04/005

ULR NO. TC144552500020041

TEST REPORT ISSUE DATE: 15.09.2025

TEST REPORT OF STACK EMISSION MONITORING

Name & Address of Customer : M/S. BIRLA CORPORATION LIMITED
 UNIT- SATNA CEMENT WORKS
 (A UNIT OF MP BIRLA GROUP) PO- BIRLA VIKAS,
 SATNA-485005, M. P. INDIA
Sample Collected by : VGL STAFF
Date of Sampling & Time : 24.08.2025 & 08:50 AM
Date of Sample Receiving : 04.09.2025
Date of Sample Processing : 05.09.2025
Location : SCW CEMENTT MILL-1 BAG HOUSE STACK
Duration of Sampling : 40.0 MIN
Source of Emission : STACK EMISSION
Sampling Method : IS: 11255
Instrument Used : STACK MONITORING KIT
Details of Stack
Material of Construction : M.S.
Stack attached to : BAG HOUSE
Stack Height above Ground (m) : 42.0
Stack Dia at the Top(m) : 0.9
Cross Sectional Area of Duct/ Stack (m²) : 0.6364
Ambient Temperature °C : 30.0
Flue gas Temperature °C : 78.0
Exit Velocity of Flue Gas (m/sec.) : 23.54
Flow of gases (Nm³/Sec) : 12.411
Flow of gases (Nm³/hr) : 44678.0
Type of Fuel : NA

TEST RESULT

| SL. NO. | TESTS CONDUCTED | METHOD | UNIT | RESULT | Limit |
|---------|-------------------------|-------------------|--------------------|--------|-------|
| 1. | Particulate Matter (PM) | IS:11255 (Part-1) | mg/Nm ³ | 16.84 | 30 |

Page 1 of 1

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- The above Results are related to the tested sample only.

Review By:

 VIRAT GLOBAL LAB
 Authorized Signatory
 (A Division of Aseries Envirotek India Pvt. Ltd.)


 D. K. Yadav
 Lab In-charge Authorized Signatory

TEST REPORT CODE: VGL/ST/25/09/04/006 ULR NO. TC144552500002005F TEST REPORT ISSUE DATE ;15.09.2025

TEST REPORT OF STACK EMISSION MONITORING

Name & Address of Customer : M/S. BIRLA CORPORATION LIMITED
 UNIT- SATNA CEMENT WORKS
 (A UNIT OF MP BIRLA GROUP) PO- BIRLA VIKAS,
 SATNA-485005, M. P. INDIA
Sample Collected by : VGL STAFF
Date of Sampling & Time : 24.08.2025 & 11:40 AM
Date of Sample Receiving : 04.09.2025
Date of Sample Processing : 05.09.2025
Location : SCW VERTICAL COAL MILL BAG HOUSE STACK
Duration of Sampling : 35.0 MIN
Source of Emission : STACK EMISSION
Sampling Method : IS: 11255
Instrument Used : STACK MONITORING KIT
Details of Stack
Material of Construction : M.S.
Stack attached to : BAG HOUSE
Stack Height above Ground (m) : 62.0
Stack Dia at the Top(m) : 1.40
Cross Sectional Area of Duct/ Stack (m²) : 1.54
Ambient Temperature °C : 31.0
Flue gas Temperature °C : 62.0
Exit Velocity of Flue Gas (m/sec.) : 10.45
Flow of gases (Nm³/Sec) : 13.969
Flow of gases (Nm³/hr) : 50287.0
Type of Fuel : NA

TEST RESULT

| SL. NO. | TESTS CONDUCTED | METHOD | UNIT | RESULT | Limit |
|---------|-------------------------|-------------------|--------------------|--------|-------|
| 1. | Particulate Matter (PM) | IS:11255 (Part-1) | mg/Nm ³ | 11.14 | 30 |

Page 1 of 1

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 D. K. Yada
 Lab In-charge Authorized Signatory

TEST REPORT CODE: VGL/ST/25/09/04/007

ULR NO. TC144552500002006F

TEST REPORT ISSUE DATE :15.09.2025

TEST REPORT OF STACK EMISSION MONITORING

Name & Address of Customer : M/S. BIRLA CORPORATION LIMITED
 UNIT- SATNA CEMENT WORKS
 (A UNIT OF MP BIRLA GROUP) PO- BIRLA VIKAS,
 SATNA-485005, M. P. INDIA

Sample Collected by : VGL STAFF
Date of Sampling & Time : 24.08.2025 & 02:30 PM
Date of Sample Receiving : 04.09.2025
Date of Sample Processing : 05.09.2025
Location : SCW CEMENTT MILL-1 A BAG HOUSE STACK
Duration of Sampling : 50.0 MIN
Source of Emission : STACK EMISSION
Sampling Method : IS: 11255
Instrument Used : STACK MONITORING KIT

Details of Stack
Material of Construction : M.S.
Stack attached to : BAG HOUSE
Stack Height above Ground (m) : 42.0
Stack Dia at the Top(m) : 1.09
Cross Sectional Area of Duct/ Stack (m²) : 0.9335
Ambient Temperature °C : 30.0
Flue gas Temperature °C : 80.0
Exit Velocity of Flue Gas (m/sec.) : 14.32
Flow of gases (Nm³/Sec) : 11.011
Flow of gases (Nm³/hr) : 39641.0
Type of Fuel : -

TEST RESULT

| SL. NO. | TESTS CONDUCTED | METHOD | UNIT | RESULT | Limit |
|---------|-------------------------|-------------------|--------------------|--------|-------|
| 1. | Particulate Matter (PM) | IS:11255 (Part-1) | mg/Nm ³ | 19.68 | 30 |

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D. K. Yadav
 Lab In-charge Authorized Signatory

TEST REPORT CODE: VGL/ST/25/09/04/008 ULR NO. TC144552500002007F TEST REPORT ISSUE DATE :15.09.2025

TEST REPORT OF STACK EMISSION MONITORING

Name & Address of Customer : M/S. BIRLA CORPORATION LIMITED
 UNIT- SATNA CEMENT WORKS
 (A UNIT OF MP BIRLA GROUP) PO- BIRLA VIKAS,
 SATNA-485005, M. P. INDIA
Sample Collected by : VGL STAFF
Date of Sampling & Time : 25.08.2025 & 10:00 AM
Date of Sample Receiving : 04.09.2025
Date of Sample Processing : 05.09.2025
Location : BVC RAW MILL/KILN ESP STACK
Duration of Sampling : 55.0 MIN
Source of Emission : STACK EMISSION
Sampling Method : IS: 11255
Instrument Used : STACK MONITORING KIT

Details of Stack

Material of Construction : M.S.
Stack attached to : ESP
Stack Height above Ground (m) : 130.0
Stack Dia at the Top(m) : 3.0
Cross Sectional Area of Duct/ Stack (m²) : 7.0714
Ambient Temperature °C : 29.0
Flue gas Temperature °C : 112.0
Exit Velocity of Flue Gas (m/sec.) : 12.65
Flow of gases (Nm³/Sec) : 67.561
Flow of gases (Nm³/hr) : 243219.0
Type of Fuel : COAL

TEST RESULT

| SL. NO. | TESTS CONDUCTED | METHOD | UNIT | RESULT | Limit |
|---------|---------------------------------------|-------------------|--------------------|--------|-------|
| 1. | Particulate Matter (PM) | IS:11255 (Part-1) | mg/Nm ³ | 18.24 | 30 |
| 2. | Sulphur Dioxide (SO ₂) | IS:11255 (Part-2) | mg/Nm ³ | ND | 100 |
| 3. | Oxides of Nitrogen (NO _x) | IS:11255 (Part-7) | mg/Nm ³ | 693.1 | 800 |
| 4. | Carbon Dioxide (CO ₂) | IS 13270 RA 2009 | % | 16.3 | - |
| 5. | Oxygen (O ₂) | IS 13270 RA 2009 | % | 10.8 | - |

Page 1 of 1

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 D. K. Yadav
 Authorised Signatory
 Lab In-charge

TEST REPORT CODE: VGL/ST/25/09/04/009 ULR NO. TC144552500002008F TEST REPORT ISSUE DATE :15.09.2025

TEST REPORT OF STACK EMISSION MONITORING

Name & Address of Customer : M/S. BIRLA CORPORATION LIMITED
 UNIT- SATNA CEMENT WORKS
 (A UNIT OF MP BIRLA GROUP) PO- BIRLA VIKAS,
 SATNA-485005, M. P. INDIA
Sample Collected by : VGL STAFF
Date of Sampling & Time : 25.08.2025 & 02:50 PM
Date of Sample Receiving : 04.09.2025
Date of Sample Processing : 05.09.2025
Location : BVC KILN BAG HOUSE STACK
Duration of Sampling : 40.0 MIN
Source of Emission : STACK EMISSION
Sampling Method : IS: 11255
Instrument Used : STACK MONITORING KIT

Details of Stack

Material of Construction : M.S.
Stack attached to : BAG HOUSE
Stack Height above Ground (m) : 145.0
Stack Dia at the Top(m) : 4.0
Cross Sectional Area of Duct/ Stack (m²) : 12.57
Ambient Temperature °C : 31.0
Flue gas Temperature °C : 92.0
Exit Velocity of Flue Gas (m/sec.) : 10.84
Flow of gases (Nm³/Sec) : 108.551
Flow of gases (Nm³/hr) : 390782.0
Type of Fuel : COAL

TEST RESULT

| SL. NO. | TESTS CONDUCTED | METHOD | UNIT | RESULT | Limit |
|---------|---------------------------------------|-------------------|--------------------|--------|-------|
| 1. | Particulate Matter (PM) | IS:11255 (Part-1) | mg/Nm ³ | 14.17 | 30 |
| 2. | Sulphur Dioxide (SO ₂) | IS:11255 (Part-2) | mg/Nm ³ | ND | 100 |
| 3. | Oxides of Nitrogen (NO _x) | IS:11255 (Part-7) | mg/Nm ³ | 674.16 | 800 |
| 4. | Carbon Dioxide (CO ₂) | IS 13270 RA 2009 | % | 13.5 | - |
| 5. | Oxygen (O ₂) | IS 13270 RA 2009 | % | 11.9 | - |

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Review By:

 VIRAT GLOBAL LAB
 Authorized Signatory
 (A Division of Aseries Envirotek India Pvt. Ltd.)

 D. K. Yadav
 Lab In-charge Authorized Signatory

TEST REPORT CODE: VGL/ST/25/09/04/010 ULR NO. TC144552500002009F

TEST REPORT ISSUE DATE : 15.09.2025

TEST REPORT OF STACK EMISSION MONITORING

Name & Address of Customer : M/S. BIRLA CORPORATION LIMITED
 UNIT- SATNA CEMENT WORKS
 (A UNIT OF MP BIRLA GROUP) PO- BIRLA VIKAS,
 SATNA-485005, M. P. INDIA
Sample Collected by : VGL STAFF
Date of Sampling & Time : 25.08.2025 & 04:20 PM
Date of Sample Receiving : 04.09.2025
Date of Sample Processing : 05.09.2025
Location : BVC COAL BALL MILL BAG HOUSE STACK
Duration of Sampling : 35.0 MIN
Source of Emission : STACK EMISSION
Sampling Method : IS: 11255
Instrument Used : STACK MONITORING KIT
Details of Stack
Material of Construction : M.S.
Stack attached to : BAG HOUSE
Stack Height above Ground (m) : 47.0
Stack Dia at the Top(m) : 1.4
Cross Sectional Area of Duct/ Stack (m²) : 1.54
Ambient Temperature °C : 30.0
Flue gas Temperature °C : 52.3
Exit Velocity of Flue Gas (m/sec.) : 12.4
Flow of gases (Nm³/Sec) : 17.069
Flow of gases (Nm³/hr) : 61450.0
Type of Fuel : -

TEST RESULT

| SL. NO. | TESTS CONDUCTED | METHOD | UNIT | RESULT | Limit |
|---------|-------------------------|-------------------|--------------------|--------|-------|
| 1. | Particulate Matter (PM) | IS:11255 (Part-1) | mg/Nm ³ | 12.32 | 30 |

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Review By:

VIRAT GLOBAL LAB
 Authorized Signatory
 (A Division of Aseries Envirotek India Pvt. Ltd.)


 D. K. Yadav
 Lab In-charge Authorized Signatory

TEST REPORT CODE: VGL/ST/25/09/04/011

ULR NO. TC144552500002010F

TEST REPORT ISSUE DATE 15.09.2025

TEST REPORT OF STACK EMISSION MONITORING

Name & Address of Customer : M/S. BIRLA CORPORATION LIMITED
 UNIT- SATNA CEMENT WORKS
 (A UNIT OF MP BIRLA GROUP) PO- BIRLA VIKAS,
 SATNA-485005, M. P. INDIA
Sample Collected by : VGL STAFF
Date of Sampling & Time : 26.08.2025 & 08:50 AM
Date of Sample Receiving : 04.09.2025
Date of Sample Processing : 05.09.2025
Location : **BVC VERTICAL COAL MILL BAG HOUSE**
Duration of Sampling : 50.0 MIN
Source of Emission : STACK EMISSION
Sampling Method : IS: 11255
Instrument Used : STACK MONITORING KIT

Details of Stack

Material of Construction : M.S.
 Stack attached to : **BAG HOUSE**
 Stack Height above Ground (m) : 62.0
 Stack Dia at the Top(m) : 1.6
 Cross Sectional Area of Duct/ Stack (m²) : 2.011
 Ambient Temperature °C : 28.0
 Flue gas Temperature °C : 52.6
 Exit Velocity of Flue Gas (m/sec.) : 9.40
 Flow of gases (Nm³/Sec) : 16.882
 Flow of gases (Nm³/hr) : 60774.0
 Type of Fuel : -

TEST RESULT

| SL. NO. | TESTS CONDUCTED | METHOD | UNIT | RESULT | Limit |
|---------|-------------------------|-------------------|--------------------|--------|-------|
| 1. | Particulate Matter (PM) | IS:11255 (Part-1) | mg/Nm ³ | 11.44 | 30 |

Page 1 of 1

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 Authorized Signatory
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 D. K. Yadav
 Lab In-charge & Authorised Signatory

TEST REPORT CODE: VGL/ST/25/09/04/012 ULR NO. TC144552500002011F TEST REPORT ISSUE DATE :15.09.2025

TEST REPORT OF STACK EMISSION MONITORING

Name & Address of Customer : **M/S. BIRLA CORPORATION LIMITED**
UNIT- SATNA CEMENT WORKS
(A UNIT OF MP BIRLA GROUP) PO- BIRLA VIKAS,
SATNA-485005, M. P. INDIA

Sample Collected by : **VGL STAFF**
Date of Sampling & Time : **26.08.2025 & 11:10 AM**
Date of Sample Receiving : **04.09.2025**
Date of Sample Processing : **05.09.2025**
Location : **BVC CEMENT MILL-2 BAG HOUSE STACK**
Duration of Sampling : **40.0 MIN**
Source of Emission : **STACK EMISSION**
Sampling Method : **IS: 11255**
Instrument Used : **STACK MONITORING KIT**

Details of Stack
Material of Construction : **M.S.**
Stack attached to : **BAG HOUSE**
Stack Height above Ground (m) : **42.0**
Stack Dia at the Top(m) : **0.8**
Cross Sectional Area of Duct/ Stack (m²) : **0.5028**
Ambient Temperature °C : **30.0**
Flue gas Temperature °C : **84.0**
Exit Velocity of Flue Gas (m/sec.) : **17.51**
Flow of gases (Nm³/Sec) : **7.171**
Flow of gases (Nm³/hr) : **25815.0**
Type of Fuel :

TEST RESULT

| SL. NO. | TESTS CONDUCTED | METHOD | UNIT | RESULT | Limit |
|---------|-------------------------|-------------------|--------------------|--------|-------|
| 1. | Particulate Matter (PM) | IS:11255 (Part-1) | mg/Nm ³ | 19.58 | 30 |

Page 1 of 1

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VIRAT GLOBAL LAB
Authorized Signatory
(A Division of Aseries Envirotek India Pvt. Ltd.)


D. K. Yadav
Lab In-charge
Authorised Signatory

TEST REPORT CODE: VGL/ST/25/09/04/013 ULR NO. TC144552500002012F TEST REPORT ISSUE DATE 15.09.2025

TEST REPORT OF STACK EMISSION MONITORING

Name & Address of Customer : M/S. BIRLA CORPORATION LIMITED
UNIT- SATNA CEMENT WORKS
(A UNIT OF MP BIRLA GROUP) PO- BIRLA VIKAS,
SATNA-485005, M. P. INDIA

Sample Collected by : VGL STAFF

Date of Sampling & Time : 26.08.2025 & 02:50 PM

Date of Sample Receiving : 04.09.2025

Date of Sample Processing : 05.09.2025

Location : BVC CEMENT MILL-1 BAG HOUSE STACK

Duration of Sampling : 45.0 MIN

Source of Emission : STACK EMISSION

Sampling Method : IS: 11255

Instrument Used : STACK MONITORING KIT

Details of Stack

Material of Construction : M.S.

Stack attached to : BAG HOUSE

Stack Height above Ground (m) : 42.0

Stack Dia at the Top(m) : 1.25

Cross Sectional Area of Duct/ Stack (m²) : 1.2276

Ambient Temperature °C : 31.0

Flue gas Temperature °C : 78.0

Exit Velocity of Flue Gas (m/sec.) : 9.12

Flow of gases (Nm³/Sec) : 9.275

Flow of gases (Nm³/hr) : 33389.0

Type of Fuel : -

TEST RESULT

| SL. NO. | TESTS CONDUCTED | METHOD | UNIT | RESULT | Limit |
|---------|-------------------------|-------------------|--------------------|--------|-------|
| 1. | Particulate Matter (PM) | IS:11255 (Part-1) | mg/Nm ³ | 10.13 | 30 |

Page 1 of 1

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- The above Results are related to the tested sample only.



VIRAT GLOBAL LAB
Authorized Signatory
(A Division of Aseries Envirotek India Pvt. Ltd.)

[Signature]
D. K. Yadav
Lab In-charge Authorized Signatory

TEST REPORT CODE: VGL/ST/25/09/04/014 ULR NO. TC14455250002013F TEST REPORT ISSUE DATE :15.09.2025

TEST REPORT OF STACK EMISSION MONITORING

Name & Address of Customer : M/S. BIRLA CORPORATION LIMITED
 UNIT- SATNA CEMENT WORKS
 (A UNIT OF MP BIRLA GROUP) PO- BIRLA VIKAS,
 SATNA-485005, M. P. INDIA
Sample Collected by : VGL STAFF
Date of Sampling & Time : 27.08.2025 & 09:20 PM
Date of Sample Receiving : 04.09.2025
Date of Sample Processing : 05.09.2025
Location : BVC COOLER ESP STACK
Duration of Sampling : 40.0 MIN
Source of Emission : STACK EMISSION
Sampling Method : IS: 11255
Instrument Used : STACK MONITORING KIT

Details of Stack

Material of Construction : M.S.
Stack attached to : ESP
Stack Height above Ground (m) : 31.0
Stack Dia at the Top(m) : 2.90
Cross Sectional Area of Duct/ Stack (m²) : 6.6079
Ambient Temperature °C : 29.0
Flue gas Temperature °C : 152.0
Exit Velocity of Flue Gas (m/sec.) : 18.42
Flow of gases (Nm³/Sec) : 83.277
Flow of gases (Nm³/hr) : 299797.0
Type of Fuel : -

TEST RESULT

| Sl. NO. | TESTS CONDUCTED | METHOD | UNIT | RESULT | Limit |
|---------|-------------------------|-------------------|--------------------|--------|-------|
| 1. | Particulate Matter (PM) | IS:11255 (Part-1) | mg/Nm ³ | 20.86 | 30 |

Page 1 of 1

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- The above Results are related to the tested sample only.

Review By:



VIRAT GLOBAL LAB
 Authorized Signatory
 (A Division of Aseries Envirotek India Pvt Ltd.)

D. K. Yadav
 Lab In-charge Authorized Signatory

TEST REPORT CODE: VGL/A/25/05/28/002

ULR NO. TC14455250000906F

TEST REPORT ISSUE DATE: 02.06.2025

TEST REPORT (AMBIENT AIR)

Name and Address of Customer : M/S. BIRLA CORPORATION LIMITED
 UNIT- SATNA CEMENT WORKS
 (A UNIT OF MP BIRLA GROUP)
 PO- BIRLA VIKAS, SATNA-485005, M. P. INDIA

Sampling Location : NEAR RAM SINGH RESIDENCE (WEST)

Duration of Sampling : 25.05.2025 TO 26.05.2025
Time of Sampling : 11:10 AM TO 11:10 AM
Sampling Done by : VGL STAFF
Packing Condition : SEALED
Sample Id No. : 002
Environmental Condition Temp.(°C) & RH (%) : 26.8 & 54
Method of Sampling : IS:5182
Sample Receiving Date : 28.05.2025
Sample Processing Date : 29.05.2025 TO 02.06.2025
Equipment Used : RESPIRABLE DUST SAMPLER (PM 10)
 FINE PARTICULATE SAMPLER (PM 2.5)

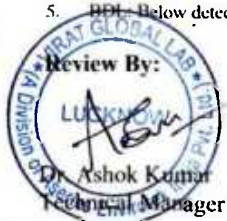
TEST RESULTS

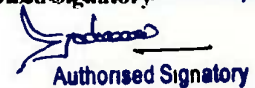
| Sr. No. | Parameters | Test Method | Result | Unit | Specification / Limits (As per CPCB) |
|---------|------------------------------------------|-------------------|--------|-------------------|--------------------------------------|
| 1. | Particulate Matter (PM2.5) | IS 5182 (Part-24) | 47.83 | µg/m ³ | 60.0 |
| 2. | Particulate Matter (PM10) | IS 5182 (Part-23) | 72.51 | µg/m ³ | 100.0 |
| 3. | Sulphur Dioxide (SO ₂) | IS 5182 (Part-2) | 15.52 | µg/m ³ | 80.0 |
| 4. | Nitrogen Dioxides (NO ₂) | IS 5182 (Part-6) | 23.89 | µg/m ³ | 80.0 |
| 5. | Ozone (O ₃) | IS 5182 (Part-9) | 10.6 | µg/m ³ | 180.0 |
| 6. | Ammonia (NH ₃) | IS 5182 (Part-25) | 12.4 | µg/m ³ | 400.0 |
| 7. | Lead (Pb) | IS 5182 (Part-22) | <1.0 | µg/m ³ | 1.0 |
| 8. | Nickel (Ni) | IS 5182 (Part-26) | <1.0 | ng/m ³ | 20.0 |
| 9. | Arsenic (As) | VGL/SOP/AIR/01 | <1.0 | ng/m ³ | 6.0 |
| 10. | Corban Monoxide (CO) | IS 5182 (Part-10) | 0.63 | mg/m ³ | 4.0 |
| 11. | Benzo (a) Pyrene (BaP) | IS 5182 (Part-12) | <0.05 | ng/m ³ | 1.0 |
| 12. | Benzene (C ₆ H ₆) | IS 5182 (Part-11) | <1.0 | µg/m ³ | 5.0 |

Page 1 of 1

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- BDL - Below detection limit


VIRAT GLOBAL LAB
 (A Division of Aseries Envirotek India Pvt. Ltd.)


 Authorised Signatory

 D. K. Yadav
 Lab In-charge

TEST REPORT CODE: VGL/A/25/05/28/003

ULR NO. TC14455250000907F

TEST REPORT ISSUE DATE: 02.06.2025

TEST REPORT (AMBIENT AIR)

Name and Address of Customer : M/S. BIRLA CORPORATION LIMITED
 UNIT- SATNA CEMENT WORKS
 (A UNIT OF MP BIRLA GROUP)
 PO- BIRLA VIKAS, SATNA-485005, M. P. INDIA

Sampling Location : NEAR GHURDANG SCHOOL (NORTH)

Duration of Sampling : 25.05.2025 TO 26.05.2025

Time of Sampling : 11:50 AM TO 11:50 AM

Sampling Done by : VGL STAFF

Packing Condition : SEALED

Sample Id No. : 003

Environmental Condition Temp.(°C) & RH (%) : 26.8 & 54

Method of Sampling : IS:5182

Sample Receiving Date : 28.05.2025

Sample Processing Date : 29.05.2025 TO 02.06.2025

Equipment Used : RESPIRABLE DUST SAMPLER (PM 10)
 FINE PARTICULATE SAMPLER (PM 2.5)

TEST RESULTS

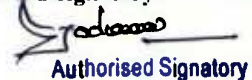
| Sr. No. | Parameters | Test Method | Result | Unit | Specification / Limits (As per CPCB) |
|---------|------------------------------------------|-------------------|--------|-------------------|--------------------------------------|
| 1. | Particulate Matter (PM2.5) | IS 5182 (Part-24) | 46.11 | µg/m ³ | 60.0 |
| 2. | Particulate Matter (PM10) | IS 5182 (Part-23) | 69.20 | µg/m ³ | 100.0 |
| 3. | Sulphur Dioxide (SO ₂) | IS 5182 (Part-2) | 17.47 | µg/m ³ | 80.0 |
| 4. | Nitrogen Dioxides (NO ₂) | IS 5182 (Part-6) | 24.68 | µg/m ³ | 80.0 |
| 5. | Ozone (O ₃) | IS 5182 (Part-9) | 12.2 | µg/m ³ | 180.0 |
| 6. | Ammonia (NH ₃) | IS 5182 (Part-25) | 13.4 | µg/m ³ | 400.0 |
| 7. | Lead (Pb) | IS 5182 (Part-22) | <1.0 | µg/m ³ | 1.0 |
| 8. | Nickel (Ni) | IS 5182 (Part-26) | <1.0 | ng/m ³ | 20.0 |
| 9. | Arsenic (As) | VGL/SOP/AIR/01 | <1.0 | ng/m ³ | 6.0 |
| 10. | Corban Monoxide (CO) | IS 5182 (Part-10) | 0.51 | mg/m ³ | 4.0 |
| 11. | Benzo (a) Pyrene (BaP) | IS 5182 (Part-12) | <0.05 | ng/m ³ | 1.0 |
| 12. | Benzene (C ₆ H ₆) | IS 5182 (Part-11) | <1.0 | µg/m ³ | 5.0 |

Page 1 of 1

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- BDL: Below detection limit


VIRAT GLOBAL LAB
 (A Division of Aseries Envirotek India Pvt. Ltd.)


Authorised Signatory
 D. K. Yadav
 Lab In-charge

TEST REPORT CODE: VGL/A/25/05/28/004

ULR NO. TC14455250000908F

TEST REPORT ISSUE DATE: 02.06.2025

TEST REPORT (AMBIENT AIR)

Name and Address of Customer : M/S. BIRLA CORPORATION LIMITED
 UNIT- SATNA CEMENT WORKS
 (A UNIT OF MP BIRLA GROUP)
 PO- BIRLA VIKAS, SATNA-485005, M. P. INDIA

Sampling Location : BIRLA SCHOOL (SOUTH)

Duration of Sampling : 26.05.2025 TO 27.05.2025

Time of Sampling : 11:30 AM TO 11:30 AM

Sampling Done by : VGL STAFF

Packing Condition : SEALED

Sample Id No. : 004

Environmental Condition Temp.(°C) & RH (%) : 26.8 & 54

Method of Sampling : IS:5182

Sample Receiving Date : 28.05.2025

Sample Processing Date : 29.05.2025 TO 02.06.2025

Equipment Used : RESPIRABLE DUST SAMPLER (PM 10)
 FINE PARTICULATE SAMPLER (PM 2.5)

TEST RESULTS

| Sr. No. | Parameters | Test Method | Result | Unit | Specification / Limits (As per CPCB) |
|---------|------------------------------------------|-------------------|--------|-------------------|--------------------------------------|
| 1. | Particulate Matter (PM2.5) | IS 5182 (Part-24) | 44.57 | µg/m ³ | 60.0 |
| 2. | Particulate Matter (PM10) | IS 5182 (Part-23) | 67.73 | µg/m ³ | 100.0 |
| 3. | Sulphur Dioxide (SO ₂) | IS 5182 (Part-2) | 16.33 | µg/m ³ | 80.0 |
| 4. | Nitrogen Dioxides (NO ₂) | IS 5182 (Part-6) | 23.88 | µg/m ³ | 80.0 |
| 5. | Ozone (O ₃) | IS 5182 (Part-9) | 9.3 | µg/m ³ | 180.0 |
| 6. | Ammonia (NH ₃) | IS 5182 (Part-25) | 12.1 | µg/m ³ | 400.0 |
| 7. | Lead (Pb) | IS 5182 (Part-22) | <1.0 | µg/m ³ | 1.0 |
| 8. | Nickel (Ni) | IS 5182 (Part-26) | <1.0 | ng/m ³ | 20.0 |
| 9. | Arsenic (As) | VGL/SOP/AIR/01 | <1.0 | ng/m ³ | 6.0 |
| 10. | Corban Monoxide (CO) | IS 5182 (Part-10) | 0.61 | mg/m ³ | 4.0 |
| 11. | Benzo (a) Pyrene (BaP) | IS 5182 (Part-12) | <0.05 | ng/m ³ | 1.0 |
| 12. | Benzene (C ₆ H ₆) | IS 5182 (Part-11) | <1.0 | µg/m ³ | 5.0 |

Page 1 of 1

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- BDL- Below detection limit


VIRAT GLOBAL LAB
 (A Division of Aseries Envirotek India Pvt Ltd)

 Authorised Signatory
 D. K. Yadav
 Lab In-charge

TEST REPORT CODE: VGL/A/25/09/04/001

ULR NO. TC144552500001965F

TEST REPORT ISSUE DATE: 15.09.2025

TEST REPORT (AMBIENT AIR)

Name and Address of Customer : M/S. BIRLA CORPORATION LIMITED
 UNIT- SATNA CEMENT WORKS
 (A UNIT OF MP BIRLA GROUP)
 PO- BIRLA VIKAS, SATNA-485005, M. P. INDIA

Sampling Location : NEAR DORMITORY (EAST)

Duration of Sampling : 22.08.2025 TO 23.08.2025

Time of Sampling : 11:40 AM TO 11:40 AM

Sampling Done by : VGL STAFF

Packing Condition : SEALED

Sample Id No. : 001

Environmental Condition Temp.(°C) & RH (%) : 25.7 & 58

Method of Sampling : IS:5182

Sample Receiving Date : 04.09.2025

Sample Processing Date : 05.09.2025 TO 15.09.2025

Equipment Used : RESPIRABLE DUST SAMPLER (PM 10)
 FINE PARTICULATE SAMPLER (PM 2.5)

TEST RESULTS

| Sr. No. | Parameters | Test Method | Result | Unit | Specification / Limits (As per CPCB) |
|---------|--------------------------------------|-------------------|--------|-------------------|--------------------------------------|
| 1. | Particulate Matter (PM2.5) | IS 5182 (Part-24) | 24.65 | µg/m ³ | 60.0 |
| 2. | Particulate Matter (PM10) | IS 5182 (Part-23) | 48.36 | µg/m ³ | 100.0 |
| 3. | Sulphur Dioxide (SO ₂) | IS 5182 (Part-2) | 12.84 | µg/m ³ | 80.0 |
| 4. | Nitrogen Dioxides (NO ₂) | IS 5182 (Part-6) | 18.24 | µg/m ³ | 80.0 |
| 5. | Corban Monoxide (CO) | IS 5182 (Part-10) | 0.41 | mg/m ³ | 4.0 |

Page 1 of 1

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Review By:

 Authorized Signatory
VIRAT GLOBAL LAB
 (A Division of Aseries Envirotek India Pvt. Ltd.)

 D. K. Yadav
 Lab In-charge Authorized Signatory

TEST REPORT CODE: VGL/A/25/09/04/002

ULR NO. TC144552500001966F

TEST REPORT ISSUE DATE: 15.09.2025

TEST REPORT (AMBIENT AIR)

Name and Address of Customer : M/S. BIRLA CORPORATION LIMITED
 UNIT- SATNA CEMENT WORKS
 (A UNIT OF MP BIRLA GROUP)
 PO- BIRLA VIKAS, SATNA-485005, M. P. INDIA
Sampling Location : NEAR RAM SINGH RESIDENCE (WEST)
Duration of Sampling : 26.08.2025 TO 27.08.2025
Time of Sampling : 11:50 AM TO 11:50 AM
Sampling Done by : VGL STAFF
Packing Condition : SEALED
Sample Id No. : 002
Environmental Condition Temp.(°C) & RH (%) : 25.7 & 58
Method of Sampling : IS:5182
Sample Receiving Date : 04.09.2025
Sample Processing Date : 05.09.2025 TO 15.09.2025
Equipment Used : RESPIRABLE DUST SAMPLER (PM 10)
 FINE PARTICULATE SAMPLER (PM 2.5)

TEST RESULTS

| Sr. No. | Parameters | Test Method | Result | Unit | Specification / Limits (As per CPCB) |
|---------|--------------------------------------|-------------------|--------|-------------------|-----------------------------------------|
| 1. | Particulate Matter (PM2.5) | IS 5182 (Part-24) | 23.54 | µg/m ³ | 60.0 |
| 2. | Particulate Matter (PM10) | IS 5182 (Part-23) | 49.16 | µg/m ³ | 100.0 |
| 3. | Sulphur Dioxide (SO ₂) | IS 5182 (Part-2) | 12.84 | µg/m ³ | 80.0 |
| 4. | Nitrogen Dioxides (NO ₂) | IS 5182 (Part-6) | 17.26 | µg/m ³ | 80.0 |
| 5. | Corban Monoxide (CO) | IS 5182 (Part-10) | 0.49 | mg/m ³ | 4.0 |

Page 1 of 1

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Review By:


 Authorized Signatory
VIRAT GLOBAL LAB
 (A Division of Aseries Envirotek India Pvt. Ltd.)


 D. K. Yadav
 Lab In-charge Authorized Signatory

TEST REPORT CODE: VGL/A/25/09/04/003

ULR NO. TC144552500001967F

TEST REPORT ISSUE DATE: 15.09.2025

TEST REPORT (AMBIENT AIR)

Name and Address of Customer : M/S. BIRLA CORPORATION LIMITED
 UNIT- SATNA CEMENT WORKS
 (A UNIT OF MP BIRLA GROUP)
 PO- BIRLA VIKAS, SATNA-485005, M. P. INDIA

Sampling Location : NEAR GHURDANG SCHOOL (NORTH)

Duration of Sampling : 25.08.2025 TO 26.08.2025

Time of Sampling : 10:40 AM TO 10:40 AM

Sampling Done by : VGL STAFF

Packing Condition : SEALED

Sample Id No. : 003

Environmental Condition Temp.(°C) & RH (%) : 25.7 & 58

Method of Sampling : IS:5182

Sample Receiving Date : 04.09.2025

Sample Processing Date : 05.09.2025 TO 15.09.2025

Equipment Used : RESPIRABLE DUST SAMPLER (PM 10)
 FINE PARTICULATE SAMPLER (PM 2.5)

TEST RESULTS

| Sr. No. | Parameters | Test Method | Result | Unit | Specification / Limits (As per CPCB) |
|---------|--------------------------------------|-------------------|--------|-------------------|-----------------------------------------|
| 1. | Particulate Matter (PM2.5) | IS 5182 (Part-24) | 23.41 | µg/m ³ | 60.0 |
| 2. | Particulate Matter (PM10) | IS 5182 (Part-23) | 46.16 | µg/m ³ | 100.0 |
| 3. | Sulphur Dioxide (SO ₂) | IS 5182 (Part-2) | 13.52 | µg/m ³ | 80.0 |
| 4. | Nitrogen Dioxides (NO ₂) | IS 5182 (Part-6) | 18.54 | µg/m ³ | 80.0 |
| 5. | Corban Monoxide (CO) | IS 5182 (Part-10) | 0.44 | mg/m ³ | 4.0 |

Page 1 of 1

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Review By:


 Dr. Harjanti
Sr. Analyst

Authorized Signatory

VIRAT GLOBAL LAB
 (A Division of Aseries Envirotek India Pvt. Ltd.)


 D. K. Yadav
 Lab In-charge Authorized Signatory

TEST REPORT CODE: VGL/A/25/09/04/004

ULR NO. TC144552500001968F

TEST REPORT ISSUE DATE: 15.09.2025

TEST REPORT (AMBIENT AIR)

Name and Address of Customer : M/S. BIRLA CORPORATION LIMITED
 UNIT- SATNA CEMENT WORKS
 (A UNIT OF MP BIRLA GROUP)
 PO- BIRLA VIKAS, SATNA-485005, M. P. INDIA

Sampling Location : BIRLA SCHOOL (SOUTH)

Duration of Sampling : 23.08.2025 TO 24.08.2025

Time of Sampling : 11:00 AM TO 11:00 AM

Sampling Done by : VGL STAFF

Packing Condition : SEALED

Sample Id No. : 004

Environmental Condition Temp.(°C) & RH (%) : 25.7 & 58

Method of Sampling : IS:5182

Sample Receiving Date : 04.09.2025

Sample Processing Date : 05.09.2025 TO 15.09.2025

Equipment Used : RESPIRABLE DUST SAMPLER (PM 10)
 FINE PARTICULATE SAMPLER (PM 2.5)

TEST RESULTS

| Sr. No. | Parameters | Test Method | Result | Unit | Specification / Limits (As per CPCB) |
|---------|--------------------------------------|-------------------|--------|-------------------|--------------------------------------|
| 1. | Particulate Matter (PM2.5) | IS 5182 (Part-24) | 24.06 | µg/m ³ | 60.0 |
| 2. | Particulate Matter (PM10) | IS 5182 (Part-23) | 45.35 | µg/m ³ | 100.0 |
| 3. | Sulphur Dioxide (SO ₂) | IS 5182 (Part-2) | 13.51 | µg/m ³ | 80.0 |
| 4. | Nitrogen Dioxides (NO ₂) | IS 5182 (Part-6) | 19.25 | µg/m ³ | 80.0 |
| 5. | Corban Monoxide (CO) | IS 5182 (Part-10) | 0.43 | mg/m ³ | 4.0 |

Page 1 of 1

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Review By:


 Authorized Signatory
 VIRAT GLOBAL LAB
 (A Division of Aseries Envirotek India Pvt. Ltd.)

 D. K. Yadav
 Lab In-charge Authorized Signatory

View of Covered Conveyor Belt

Annex_SC4



View of Covered Conveyor Belt



View of Clinker Silo



View of AFR Shed



View of Fly Ash Silo



Linear Limestone Storage Yard- BVC Plant



View of all Roads in Plant & Colony are Pucca

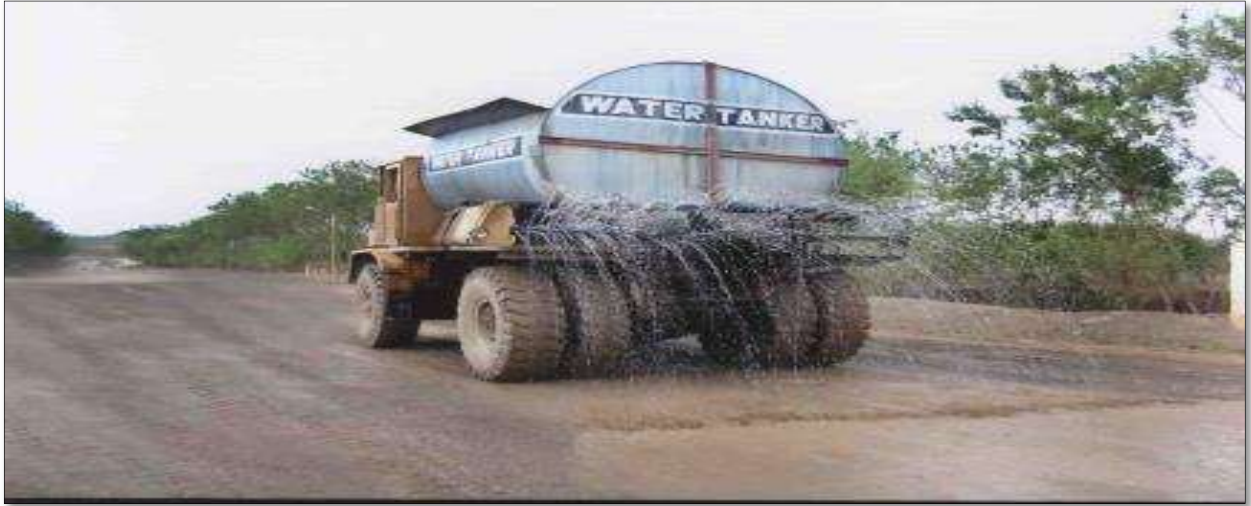
Annex_SC-5



View of Road Sweeping Machine



View of Water Spray Tanker

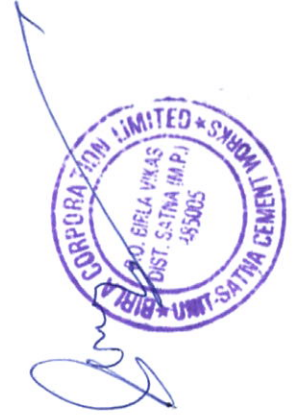


REPORT DATE :07/11/2024

DETAILED DIESEL REPORT

| PUC No. | V. Reg. No. | Test Date | Valid UpTo | Make | Model | Category | Reg. Year | RPM Min. | RPM Max. | Oil Temp. | % HSU | K Value | Result |
|------------------|--------------------------------------------------------------------------------------------------------------|------------|------------|---------------------|------------------|---------------|------------|----------|----------|-----------|--------|---------|--------|
| | DEALER CODE : BIRLA/01 | | | | | | | | | | | | |
| | DEALER NAME : BIRLA CORPORATION LIMITED UNIT SATNA | | | | | | | | | | | | |
| | ADDRESS : BIRLA CORPORATION LIMITED UNIT SATNA CEMENT | | | | | | | | | | | | |
| | For Duration from :MM/DD/YYYY 07/11/2024 To 06/11/2025 PUC Checked From:MP01900040015179 TO MP01900040002859 | | | | | | | | | | | | |
| MP01900040015179 | MP19CB1608 | 07/11/2024 | 06-11-2025 | TOYOTA | COROLLA ALTIS | CAR | 19/02/2015 | 670 | 4520 | 73 | 16.55% | 1.37K | PASS |
| MP01900040015179 | MP19CB2907 | 07/11/2024 | 06-11-2025 | HONDA | HONDA CITY | CAR | 12-10-2015 | 740 | 3640 | 80 | 10.68% | 1.56K | PASS |
| MP01900040015194 | MP19CB2973 | 07/11/2024 | 06-11-2025 | MARUTI | SWIFT LXI SPORTS | CAR | 18/12/2015 | 920 | 3560 | 98 | 15.36% | 1.34K | PASS |
| MP01900040015194 | MP19CB2782 | 07/11/2024 | 06-11-2025 | MARUTI SUZUKI | SWIFT LXI SPORTS | CAR | 11-10-2015 | 720 | 3310 | 73 | 9.22% | 1.60K | PASS |
| MP01900040015194 | MP19CB2982 | 07/11/2024 | 06-11-2025 | MARUTI | SWIFT LXI SPORTS | CAR | 18/12/2015 | 530 | 2300 | 65 | 11.59% | 1.43K | PASS |
| MP01900040015194 | MP13CA4796 | 07/11/2024 | 06-11-2025 | MARUTI | SX4 | CAR | 26/10/2010 | 917 | 3650 | 110 | 10.82% | 1.61K | PASS |
| MP01900040015139 | MP13CA4724 | 07/11/2024 | 06-11-2025 | MARUTI | SX4 | CAR | 10-07-2010 | 921 | 2400 | 123 | 13.13% | 1.56K | PASS |
| MP01900040015231 | MP13CB1866 | 07/11/2024 | 06-11-2025 | MAHINDRA & MAHINDRA | JEEP | CAR | 04-06-2015 | 820 | 4710 | 62 | 52.42% | 1.73K | PASS |
| MP01900040015198 | MP13CA4946 | 07/11/2024 | 06-11-2025 | MARUTI | SWIFT | CAR | 28/02/2010 | 880 | 2130 | 58 | 50.95% | 1.66K | PASS |
| MP01900040015140 | MP13CC2369 | 07/11/2024 | 06-11-2025 | MAHINDRA & MAHINDRA | SCORPIO | CAR | 23/01/2019 | 610 | 4910 | 63 | 15.89% | 0.40K | PASS |
| MP01900040015140 | MP19P0409 | 07/11/2024 | 06-11-2025 | TATA | TATA BUS | BUS | 16/11/2009 | 720 | 3310 | 69 | 54.30% | 1.82K | PASS |
| MP01900040015210 | MP19CA4945 | 07/11/2024 | 06-11-2025 | MARUTI | SWIFT VDI | CAR | 02-07-1905 | 900 | 4110 | 43 | 50.17% | 1.62K | PASS |
| MP01900040015230 | MP19P0264 | 07/11/2024 | 06-11-2025 | TATA | TATA BUS | BUS | 30/10/2007 | 970 | 3140 | 61 | 49.87% | 1.59K | PASS |
| MP01900040015176 | MP19CA4896 | 07/11/2024 | 06-11-2025 | TOYOTA | INNOVA | CAR | 23/01/2010 | 940 | 3080 | 49 | 38.39% | 1.13K | PASS |
| MP01900040015189 | MP19CB1607 | 07/11/2024 | 06-11-2025 | TOYOTA | INNOVA | CAR | 28/02/2014 | 620 | 2440 | 51 | 28.98% | 0.80K | PASS |
| MP01900040002867 | MP19CC0157 | 07/11/2024 | 06-11-2025 | MAHINDRA & MAHINDRA | SCORPIO | CAR | 28/02/2019 | 610 | 2730 | 71 | 24.24% | 0.65K | PASS |
| MP01900040015180 | MP19CB1502 | 07/11/2024 | 06-11-2025 | HONDA | MOBILIO | CAR | 28/02/2014 | 810 | 2440 | 69 | 21.66% | 0.57K | PASS |
| MP01900040015195 | MP19GA2810 | 07/11/2024 | 06-11-2025 | GENERAL MOTORS | TAVERA | AMBULANCE VAN | 15/02/2014 | 750 | 4130 | 54 | 44.76% | 1.38K | PASS |
| MP01900040015180 | MP19CB1547 | 07/11/2024 | 06-11-2025 | HONDA | MOBILIO | CAR | 28/02/2014 | 950 | 2630 | 43 | 27.53% | 0.75K | PASS |

| | | | | | | | | | | | | | |
|------------------|------------|------------|------------|---------------------|------------------------|---------------------|------------|-----|------|----|--------|-------|------|
| MP01900040015168 | MP19CA2562 | 07/11/2024 | 06-11-2025 | MAHINDRA & MAHINDRA | SCORPIO | CAR | 28/02/2008 | 950 | 2850 | 70 | 39.46% | 1.17k | PASS |
| MP01900040015174 | MP19CA1463 | 07/11/2024 | 06-11-2025 | TOYOTA | INNOVA | CAR | 28/02/2007 | 980 | 4670 | 56 | 34.78% | 0.99k | PASS |
| MP01900040015223 | MP19CA3448 | 07/11/2024 | 06-11-2025 | MAHINDRA & MAHINDRA | SCORPIO | CAR | 23/01/2009 | 610 | 2900 | 70 | 48.52% | 1.54k | PASS |
| MP01900040015124 | MP19CA9676 | 07/11/2024 | 06-11-2025 | FORD | ECO SPORTS | CAR | 28/02/2009 | 860 | 3440 | 42 | 32.98% | 0.93k | PASS |
| MP01900040015226 | MP19CA7115 | 07/11/2024 | 06-11-2025 | MAHINDRA & MAHINDRA | XYLO | CAR | 28/02/2013 | 800 | 2490 | 71 | 31.27% | 0.87k | PASS |
| MP01900040015224 | UP33X7800 | 07/11/2024 | 06-11-2025 | MARUTI | SWIFT DIZER VDI | CAR | 27/9/2012 | 570 | 4790 | 48 | 51.50% | 1.68k | PASS |
| MP01900040015227 | MP19CA9591 | 07/11/2024 | 06-11-2025 | MAHINDRA & MAHINDRA | BOLERO EX BS3 | JEEP | 13-12-2013 | 650 | 3370 | 72 | 53.79% | 1.80k | PASS |
| MP01900040015209 | MP19CA9380 | 07/11/2024 | 06-11-2025 | MARUTI SUZUKI | MARUTI ERTIGA ZDI BSIV | CAR | 26-10-2013 | 560 | 2360 | 56 | 42.41% | 1.28k | PASS |
| MP01900040015193 | MP19CA2523 | 07/11/2024 | 06-11-2025 | MAHINDRA & MAHINDRA | SCORPIO | CAR | 23/01/2008 | 650 | 4560 | 65 | 51.43% | 1.68k | PASS |
| MP01900040002855 | MP19CC6297 | 07/11/2024 | 06-11-2025 | MAHINDRA & MAHINDRA | BOLERO B6 (O) BS6 | CAR | 16-02-2021 | 890 | 4490 | 65 | 21.65% | 0.57k | PASS |
| MP01900040002866 | MP19GA2325 | 07/11/2024 | 06-11-2025 | TATA | TATA ACE | TATA 207 MINI TRUCK | 12-12-2013 | 550 | 3800 | 73 | 45.91% | 1.43k | PASS |
| MP01900040002861 | MP19CC2563 | 07/11/2024 | 06-11-2025 | RENAULT | DUSTER BS4 | CAR | 03-12-2019 | 730 | 3560 | 50 | 17.51% | 0.45k | PASS |
| MP01900040015229 | MP19CA8438 | 07/11/2024 | 06-11-2025 | MAHINDRA & MAHINDRA | BOLERO EX BS3 | JEEP | 18-02-2013 | 740 | 4070 | 56 | 29.14% | 0.80k | PASS |
| MP01900040002838 | MP19CB6624 | 07/11/2024 | 06-11-2025 | MAHINDRA & MAHINDRA | BOLERO EX BS4 | JEEP | 31-08-2017 | 800 | 3240 | 68 | 27.06% | 0.73k | PASS |
| MP01900040002866 | MP19CC6563 | 07/11/2024 | 06-11-2025 | MAHINDRA & MAHINDRA | BOLERO B6 (O) BS6 | CAR | 19-03-2021 | 850 | 4690 | 57 | 24.94% | 0.67k | PASS |
| MP01900040002859 | MP19ZB9515 | 07/11/2024 | 06-11-2025 | MAHINDRA & MAHINDRA | SCORPIO S3 CLASSIC BS6 | CAR | 03-03-2023 | 660 | 2680 | 68 | 17.34% | 0.44k | PASS |



Form 59

[See rules 115 (2)]

Pollution Under Control Certificate

Authorised By :

Issued by MADHYA PRADESH

Date : **06/05/2025**
Time : **14:59:45 PM**
Validity upto : **05/11/2025**



Certificate SL. No. : MP01900040015179
 Registration No. : MP19CB1608
 Date of Registration : 19/Feb/2015
 Month & Year of Manufacturing : January-2014
 Valid Mobile Number : *****1618
 Emission Norms : BHARAT STAGE III
 Fuel : PETROL
 PUC Code : MP0190004
 GSTIN :
 Fees : Rs.250.00
 MIL observation : No

Vehicle Photo with Registration plate
 60 mm x 30 mm



| Sr. No. | Pollutant (as applicable) | Units (as applicable) | Emission limits | Measured Value (upto 2 decimal places) |
|-----------------------|------------------------------|-----------------------|-----------------|----------------------------------------|
| 1 | 2 | 3 | 4 | 5 |
| Idling Emissions | Carbon Monoxide (CO) | percentage (%) | 0.5 | 0.23 |
| | Hydrocarbon, (THC/HC) | ppm | 750.0 | 176.89 |
| High idling emissions | CO | percentage (%) | 0.0 | 0.0 |
| | RPM | RPM | 2500 ± 200 | 0.0 |
| | Lambda | - | 1 ± 0.03 | 0.0 |
| Smoke Density | Light absorption coefficient | 1/metre | | |

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Authorised Signature with stamp of PUC Operator
 60mm x 20 mm

TEST REPORT CODE: VGL/WW/25/05/28/002

ULR NO. TC14455250000955F

TEST REPORT ISSUE DATE: 02.06.2025

TEST REPORT (WASTE WATER)

Name and Address of Customer : M/S. BIRLA CORPORATION LIMITED
 UNIT- SATNA CEMENT WORKS
 (A UNIT OF MP BIRLA GROUP)
 PO- BIRLA VIKAS, SATNA-485005, M. P. INDIA
Location of Sample : STP INLET (50 KLD, A-FLATS)
Sample Description : WASTE WATER
Date & Time of Sampling : 26.05.2025 02:50 PM
Sample Collected by : VGL STAFF
Weather Condition : CLEAR
Sample Id No. : 002
Laboratory Sample Receiving Date : 28.05.2025
Duration of Sample Analysis : 29.05.2025 TO 02.06.2025
Method of Sampling : APHA 1060B & 9060A

TEST RESULTS

| SL. NO. | TESTS | UNIT | PROTOCOL | RESULT |
|---------|-------------------------------------------------|------------|------------------------------------|--------|
| 1 | pH at 25° C | -- | APHA 24 th Ed. 4500-B | 7.23 |
| 2 | Suspended Solid | mg/L | APHA 24 th Ed. 2540-D | 21.9 |
| 3 | Oil & Grease as (O & G) | mg/L | APHA 24 th Ed. 5520-B | <2.0 |
| 4 | Biological Oxygen Demand as (BOD 3days 27°C) | mg/L | IS: 3025 (Part-44) | 12.0 |
| 5 | Chemical Oxygen Demand as (COD) | mg/L | APHA 24 th Ed. 5220-A+C | 40.0 |
| 6 | Fecal coliform | MPN/100 ml | APHA 24 th Ed. 9221-E | <2.0 |

Page 1 of 1

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- The sample will be destroyed after 15days from the date of issue of test certificate unless otherwise specified.
- Any discrepancy in test result should be reported within 15Days.
- The above results are related to the tested sample only.
- BDL- Below Detection Limit.


VIRAT GLOBAL LAB
 (A Division of Aseries Envirotek India Pvt. Ltd.)


 Authorised Signatory
 D. K. Yadav
 Lab In-charge

TEST REPORT CODE: VGL/WW/25/05/28/003

ULR NO. TC14455250000956F

TEST REPORT ISSUE DATE: 02.06.2025

TEST REPORT (WASTE WATER)

Name and Address of Customer : M/S. BIRLA CORPORATION LIMITED
 UNIT- SATNA CEMENT WORKS
 (A UNIT OF MP BIRLA GROUP)
 PO- BIRLA VIKAS, SATNA-485005, M. P. INDIA
Location of Sample : STP OUTLET (1080 KLD)
Sample Description : WASTE WATER
Date & Time of Sampling : 26.05.2025 03:00 PM
Sample Collected by : VGL STAFF
Weather Condition : CLEAR
Sample Id No. : 003
Laboratory Sample Receiving Date : 28.05.2025
Duration of Sample Analysis : 29.05.2025 TO 02.06.2025
Method of Sampling : APHA 1060B & 9060A

TEST RESULTS

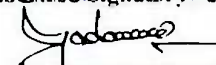
| SL. NO. | TESTS | UNIT | PROTOCOL | RESULT | SPECIFICATION/LIMIT (AS PER CPCB) |
|---------|-------------------------------------------------|------------|----------------------------------------|--------|--------------------------------------|
| 1 | pH at 25° C | — | APHA 24 th Ed. 4500-B | 7.89 | 6.5-9.0 |
| 2 | Suspended Solid | mg/L | APHA 24 th Ed. 2540-D | 32.0 | 100 |
| 3 | Oil & Grease as (O & G) | mg/L | APHA 24 th Ed. 5520-B | <2.0 | 10 |
| 4 | Biological Oxygen Demand as (BOD 3days 27°C) | mg/L | IS: 3025 (Part-44) | 11.0 | 30 |
| 5 | Chemical Oxygen Demand as (COD) | mg/L | APHA 24 th Ed. 5220- A+C | 56.0 | 250 |
| 6 | Fecal coliform | MPN/100 ml | APHA 24 th Ed. 9221-E | <2.0 | - |

Page 1 of 1

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VIRAT GLOBAL LAB
 (A Division of Aseries Envirotek India Pvt. Ltd.)


 Authorised Signatory

 D. K. Yadav
 Lab In-charge

TEST REPORT CODE: VGL/WW/25/09/04/001

ULR NO. TC144552500002014F

TEST REPORT ISSUE DATE: 15.09.2025

TEST REPORT (WASTE WATER)

Name and Address of Customer : M/S. BIRLA CORPORATION LIMITED
 UNIT- SATNA CEMENT WORKS
 (A UNIT OF MP BIRLA GROUP)
 PO- BIRLA VIKAS, SATNA-485005, M. P. INDIA

Location of Sample : STP OUTLET (50 KLD, A-FLATS)

Sample Description : WASTE WATER

Date & Time of Sampling : 01.09.2025 10:20 AM

Sample Collected by : VGL STAFF

Weather Condition : CLEAR

Sample Id No. : 001

Laboratory Sample Receiving Date : 04.09.2025

Duration of Sample Analysis : 05.09.2025 TO 15.09.2025

Method of Sampling : APHA 1060B & 9060A

TEST RESULTS

| SL. NO. | TESTS | UNIT | PROTOCOL | RESULT | SPECIFICATION/LIMIT (AS PER CPCB) |
|---------|-------------------------------------------------|------------|----------------------------------------|--------|--------------------------------------|
| 1 | pH at 25° C | — | APHA 24 th Ed. 4500-B | 7.45 | 6.5-9.0 |
| 2 | Suspended Solid | mg/L | APHA 24 th Ed. 2540-D | 23.5 | 100 |
| 3 | Oil & Grease as (O & G) | mg/L | APHA 24 th Ed. 5520-B | <2.0 | 10 |
| 4 | Biological Oxygen Demand as (BOD 3days 27°C) | mg/L | IS: 3025 (Part-44) | 12.0 | 30 |
| 5 | Chemical Oxygen Demand as (COD) | mg/L | APHA 24 th Ed. 5220- A+C | 54.0 | 250 |
| 6 | Fecal coliform | MPN/100 ml | APHA 24 th Ed. 9221-E | <2.0 | |

Page 1 of 1

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VIRAT GLOBAL LAB
 (A Division of Aseries Envirotek India Pvt. Ltd.)

 D. K. Yada
 Authorised Signatory
 Lab In-charge

TEST REPORT CODE: VGL/WW/25/09/04/002

ULR NO. TC144552500002015F

TEST REPORT ISSUE DATE: 15.09.2025

TEST REPORT (WASTE WATER)

Name and Address of Customer : M/S. BIRLA CORPORATION LIMITED
 UNIT- SATNA CEMENT WORKS
 (A UNIT OF MP BIRLA GROUP)
 PO- BIRLA VIKAS, SATNA-485005, M. P. INDIA

Location of Sample : STP INLET (50 KLD, A-FLATS)

Sample Description : WASTE WATER

Date & Time of Sampling : 01.09.2025 11:30 AM

Sample Collected by : VGL STAFF

Weather Condition : CLEAR

Sample Id No. : 002

Laboratory Sample Receiving Date : 04.09.2025

Duration of Sample Analysis : 05.09.2025 TO 15.09.2025

Method of Sampling : APHA 1060B & 9060A

TEST RESULTS

| SL. NO. | TESTS | UNIT | PROTOCOL | RESULT |
|---------|-------------------------------------------------|------------|------------------------------------|--------|
| 1 | pH at 25° C | -- | APHA 24 th Ed. 4500-B | 7.65 |
| 2 | Suspended Solid | mg/L | APHA 24 th Ed. 2540-D | 32.6 |
| 3 | Oil & Grease as (O & G) | mg/L | APHA 24 th Ed. 5520-B | 3.5 |
| 4 | Biological Oxygen Demand as (BOD 3days 27°C) | mg/L | IS: 3025 (Part-44) | 18.0 |
| 5 | Chemical Oxygen Demand as (COD) | mg/L | APHA 24 th Ed. 5220-A+C | 80.0 |
| 6 | Fecal coliform | MPN/100 ml | APHA 24 th Ed. 9221-E | <2.0 |

Page 1 of 1

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VIRAT GLOBAL LAB
 (A Division of Aseries Envirotek India Pvt. Ltd.)

D. K. Yada
 Authorised Signatory
 Lab In-charge

TEST REPORT CODE: VGL/WW/25/09/04/003

ULR NO. TC144552500002016F

TEST REPORT ISSUE DATE: 15.09.2025

TEST REPORT (WASTE WATER)

Name and Address of Customer : M/S. BIRLA CORPORATION LIMITED
 UNIT- SATNA CEMENT WORKS
 (A UNIT OF MP BIRLA GROUP)
 PO- BIRLA VIKAS, SATNA-485005, M. P. INDIA
Location of Sample : STP OUTLET (1080 KLD)
Sample Description : WASTE WATER
Date & Time of Sampling : 01.09.2025 02:30 PM
Sample Collected by : VGL STAFF
Weather Condition : CLEAR
Sample Id No. : 003
Laboratory Sample Receiving Date : 04.09.2025
Duration of Sample Analysis : 05.09.2025 TO 15.09.2025
Method of Sampling : APHA 1060B & 9060A

TEST RESULTS

| SL. NO. | TESTS | UNIT | PROTOCOL | RESULT | SPECIFICATION/LIMIT (AS PER CPCB) |
|---------|-------------------------------------------------|------------|----------------------------------------|--------|--------------------------------------|
| 1 | pH at 25° C | - | APHA 24 th Ed. 4500-B | 7.36 | 6.5-9.0 |
| 2 | Suspended Solid | mg/L | APHA 24 th Ed. 2540-D | 28.0 | 100 |
| 3 | Oil & Grease as (O & G) | mg/L | APHA 24 th Ed. 5520-B | <2.0 | 10 |
| 4 | Biological Oxygen Demand as (BOD 3days 27°C) | mg/L | IS: 3025 (Part-44) | 9.0 | 30 |
| 5 | Chemical Oxygen Demand as (COD) | mg/L | APHA 24 th Ed. 5220- A+C | 64.0 | 250 |
| 6 | Fecal coliform | MPN/100 ml | APHA 24 th Ed. 9221-E | <2.0 | - |

Page 1 of 1

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Authorized Signatory
 VIRAT GLOBAL LAB
 (A Division of Aseries Envirotek India Pvt. Ltd.)
 D. K. Yadav
 Lab In-charge Authorized Signatory

BVC Pond 1

- It is a storage pond with 1.0 lac KL water holding capacity.
- It was constructed in 2008-2009 near Quarry Road.



BVC Pond 2

- It is a storage cum pond with 1.0 lac KL water holding capacity.
- It was constructed in 2009-2010 near BVC Pond 1 Quarry Road



BVC Pond 3

- It is a storage cum percolation pond with 50,000 KL water holding capacity.
- It was constructed in 2011-2012 near to BVC Pond 2 Quarry Road.



Mines Pit

- Area: 62.40 ha
- Depth: 5.0 m
- Capacity: 3120000 m³
- Max. Water Holding Capacity: 31.201 lacs KL



GROUND WATER RECHARGE SYSTEM

- 17 Nos of Ground Water Recharge structure are Constructed
- Overall Capacity 50 Thousand KL per Rainy Season



Pass Book for Re-refining/Recycling of
Hazardous Wastes

Name and Address
of the Industry

M/S Prateek Enterprises
Chhabra, Tildhari
Kandana Pragraj

Telephone No

945027744

E-mail Address

infoprateekenterprises@gmail.com

Date of Issue

18/10/19

Validity Period

Valid till 11-03-2026/validity of Authorisation

Type & quantity of the Hazardous Waste(s) permitted for procurement and recycling

| S. No. | Hazardous Wastes (Non-Ferrous other than Lead Type) | Quantity (Tons-Per Annum) |
|--------|--------------------------------------------------------------------------------------------------|---------------------------|
| 1 | E-Waste | 1000 MTA |
| 2 | Used Lead Acid Battery including grid plates & lead scrap | 1000 MTA |
| 3 | Spent Catalyst | 1000 MTA |
| 4 | Metal and Metal bearing waste: Aluminium, Brass, Copper, Iron, Zinc, Bronz, Cable wire, ALI etc. | 1000 MTA |

Precious Metal

5 Used or waste oil — 1000 MTA

[Signature]

Authorised Signatory &
Seal



Birla Corporation Limited

Unit: Satna Cement Works

P.O.: Birla Vikas, Satna – 485005

Madhya Pradesh

P.: 07672 412000/01 F: 07672 257456

E : admin.scw@birlacorp.com

Ref No.: BCL/SCW/Cement plant/DFO/2021-22/61

Date: 01.12.2021

To,
District Forest Officer
Forest Division, Satna (M.P.)

Subject: Guidance for plantation in and around our Cement plant lease area.

Dear Sir,

With reference to above subject matter, we would like to inform you that we are doing plantation work in and around our cement plant lease area every year. The plantation is carried out in open area of plant and colony etc. The saplings are procured from forest nursery and other available vendors every year to do plantation and developed green belt in and around cement plant lease area.

We have planted more than 2.29 lac sampling in and around our cement plant lease area. In order to sustain better survival and growth rate, we seek your expert advice to protect flora & fauna in core & buffer zone of cement plant lease area.

We request your good office to please also suggest us the native species of samplings and suitable measures to be adopted, so that maximum survival rate can be achieved.

Thanking you.

Yours faithfully,

for BIRLA CORPORATION LIMITED
Unit- Satna Cement Works

A handwritten signature in blue ink, appearing to read 'Sunil Kasture', is written over a horizontal line.

(Sunil Kasture)
Head-Sustainable Development

View of Plantation Photograph Plant & Colony








Birla Corpoation Limited, Unit:- Satna Cement Works (H1- April to September 2025):

| S.N | Theme/ Activities | Allocated Budget 25-26 | Budget Expenses till Sep. 2025 |
|--------------|-----------------------------------------------------------------------------------------|---------------------------|--------------------------------------|
| A | Theme: Health, Hygiene, Sanitation | | |
| i | Health Camps | 2.86 | 2.10 |
| ii | Mother & Child Health Program | 14.86 | 8.17 |
| iii | Eye Surgery | | - |
| iv | Other | | |
| B | Education | | |
| i | Quality education activity in Govt. school | 15.21 | 6.50 |
| ii | Strengthening school infra | 2 | 0.00 |
| iii | Library/Furniture Setup | | |
| iv | Lab set up in schools | | |
| v | Smart class | 0.25 | 0.00 |
| vi | School Furniture | 2.25 | |
| vii | Sponsorship of Matricious Students | | |
| C | Livelihood & Women Empowerment | | |
| i | Farm & Non Farm Based Activity | | |
| ii | Women Empowerment program /Fuel energy saving | | |
| iii | Livestock Management & FPO | 11.08 | 5.02 |
| iv | Skill Development (Assitant Electrician training) | 2.74 | 0.95 |
| v | Coaching & Training for Govt. & Private services | | |
| D | Rural Infra Development | | |
| i | Watershed Activities | 36.89 | 22.03 |
| ii | Set up Drinking water facility | 4.65 | 2.04 |
| iii | Infra Developmnt | 3.00 | |
| iv | Renewable Energy (Solar Lights) | | |
| E | Support Rural Sports, Public Library, Orphanage, Old Age Home, Art & Culture | | |
| i | Other activity/IR | 5.70 | 2.28 |
| ii | Sport Promotion | 3.51 | 0.00 |
| Total | | 105.00 | 49.09 |


Vijay K. Choubey.


01-11-25

TEST REPORT CODE: VGL/N/25/09/04/001-006

ULR NO. TC144552500001971F

TEST REPORT ISSUE DATE: 15.09.2025

TEST REPORT (AMBIENT NOISE)

Name and Address of Customer : M/S. BIRLA CORPORATION LIMITED
 UNIT- SATNA CEMENT WORKS
 (A UNIT OF MP BIRLA GROUP)
 PO- BIRLA VIKAS, SATNA-485005, M. P. INDIA

Duration of Monitoring : 24 HOURS

Monitoring Done By : VGL STAFF

Sampling Method : IS 9989

Sampling Machine Placed at Height : ABOVE 1.5 METER FROM GROUND LEVEL

TEST RESULT

| Test Parameters | | | | Noise Level- Day Time | | | Noise Level- Night Time | | |
|---------------------------------------------|--------------------------------|-----------------|-----------|-----------------------|------------|------------|-------------------------|------------|------------|
| Unit | | | | Leq dB(A) | | | Leq dB(A) | | |
| Test Method | | | | IS: 9989 | | | IS: 9989 | | |
| Sl. No. | Location | Monitoring Date | Sample ID | Leq dB(A) | Max. dB(A) | Min. dB(A) | Leq dB(A) | Max. dB(A) | Min. dB(A) |
| Limit (as Per CPCB)- Industrial Area | | | | 75 | | | 70 | | |
| 1 | Telephone Exchange (EAST) | 22.08.2025 | N-001 | 65.2 | 67.6 | 63.5 | 54.1 | 59.6 | 50.6 |
| 2 | Building Office (WEST) | 26.08.2025 | N-002 | 66.4 | 68.7 | 64.2 | 56.9 | 58.2 | 54.8 |
| 3 | BVC Gate (NORTH) | 23.08.2025 | N-003 | 67.6 | 69.2 | 65.1 | 57.5 | 60.5 | 55.1 |
| 4 | Coal Gate (SOUTH) | 24.08.2025 | N-004 | 68.2 | 71.1 | 64.6 | 58.2 | 59.3 | 54.6 |
| 5 | Birla Dairy (EAST) | 25.08.2025 | N-005 | 66.5 | 69.6 | 62.5 | 55.6 | 57.1 | 52.1 |
| 6 | Near AFR Yard Ghurdang (SOUTH) | 27.08.2025 | N-006 | 68.4 | 71.4 | 66.7 | 53.7 | 56.7 | 51.8 |

Page 01 of 01

Remark: Day time is reckoned in between 06:00 A.M. and 10:00 P.M

Night time is reckoned in between 10:00 P.M. and 06:00 A.M.

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VIRAT GLOBAL LAB
 (A Division of Aseries Envirotek India Pvt. Ltd.)


 D. K. Yadav
 Lab In-charge

Authorized Signatory
 Authorized Signatory

Certificate of Fitness for Dangerous operations
[Prescribed under Rule 107]

Date: 17-04-2025
 202-97
 PK-102
 000-98.5

HT: 5/2 WT: 54 Kg

Chest .Exp-----Insp-----

1. Serial Number/ Emp. Code :
2. Name of Person examined : Mr. Singh Ravi Pathak
3. Father's Name : Shri Ashok Pathak
4. Sex /Age : M 19 Age
5. Name of the factory in which employed/ in which wishes to be employed.



6. Process of department in which employed/wishes to be employed.
7. Whether certificate granted..... Jaunsi house
8. Whether declared unfit and certificate refused.
9. Reference number of previous certificate granted or refused.

Signature of L.T.I of Person Examined
शक्ति राव पटेल

OV
NV
 WOOD
 (FIT)

Signature of Certifying Surgeon
Dr. Sharad Singh
 Chief Medical Officer
 Birla Corporation Ltd.
 Satna Cement Works
 MC Reg. No. MP-18019
 Reg. No. 18170

I certify that I have personally examined Mr./Mrs. Sharad Pathak
 Mr. Ashok Pathak
 (Father's Name) residing at
Gyaneshwar, Satna, Madhya Pradesh
 (address) who is desirous of

being employed as Operator in
 (Name of Factory) in
 M/s M/s. Balaji Engg.

Department and process), and that as nearly can be ascertained from my examination is fit/unfit for employment at the above noted factory.

- (2) He is fit to be employed and may be employed on some other non-hazardous operation such as.....
- (3) He may be produced for further examination after a period of.....
- (4) He is advised following further examination.....
- (5) He is advised following treatment.....
- (6) The serial number of the previous certificate is.....

Signature of L.T.I of person examined
शक्ति राव पटेल

Signature of Certifying Surgeon
Dr. Sharad Singh
 Chief Medical Officer
 Birla Corporation Ltd.
 Satna Cement Works
 MC Reg. No. MP-18019
 Reg. No. 18170

- Note:- (1) The counterfool should be retained by the certifying Surgeon and maintained in a bound book of the MC.
 (2) The Para which does not apply may cancelled.

Certificate of Fitness for Dangerous operations

[Prescribed under Rule 107]

Date: 14.04.2025

HT-5/4 WT-56-Kg Chest-Exp-----Insp-----

- Serial Number/ Emp. Code :
2 Name of Person examined : Mr. Hiralal Jal
3. Father's Name : Shri. Sivarom Jal
4. Sex /Age : M 26 Age
5. Name of the factory in which employed/in which wishes to be employed.

6. Process of department in which employed/wishes to be employed.

7. Whether certificate granted.

8. Whether declared unfit and certificate refused.

9. Reference number of previous certificate granted or refused.

Signature of L.T.I. of Person Examined

Hiralal Jal

*M. COM
FIT*

98/91 by Dr. Sharad Singh

Chief Medical Officer
Birla Corporation Ltd.
Satna Cement Works
MP Reg. No. MP-18048
MCI Reg. No. 18170

Signature of Certifying Surgeon

I Certify that I have personally examined Mr/Mrs. Hiralal Jal (Name) Son of
Mr. Sivarom Jal (Father's Name) residing at
..... (address) who is desirous of
being employed as Operator Job. Coy. (Name of Factory) in
..... M/s. M/s. Bala Ni Bag
Department and process), and that as nearly as can be ascertained from my examination is fit/unfit for employment at
the above noted factory.

- (2) He is fit to be employed and may be employed on some other on-hazardous operation such as
- (3) He may be produced for further examination after a period of
- (4) He is advised following further examination
- (5) He is advised following treatment
- (6) The serial number of the previous certificate is

Signature or L.T.I. of person examined

Hiralal Jal

Dr. Sharad Singh
Chief Medical Officer
Signature of certifying Surgeon
Satna Cement Works
MP Reg. No. MP-18048

- Note- (1) The counterfoil should be retained by the certifying surgeon and maintained in a bound book or in a file.
(2) The Para which does not apply may be cancelled.

Details of Expenditures on Pollution Control Facility during the financial year (2025-26 Up to September-26)

| Sr. No. | Particulars | Rs. In Lakhs |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| Legal Fees | | |
| 1. | CCA-Renewal fees of Cement Plant. | 50.91 |
| 2. | PWP application | 0.25 |
| 3. | Social Impact Assessment Plan | 4.85 |
| Maintenance Cost | | |
| 1 | Maintenance of CAAQMS & CEMS, Spare Parts Including Service Charges. | 4.20 |
| 2 | Maintenance cost of pollution control equipment of SCW & BVC Plant (Bags replacement in dedusting BDC's, pocket filters, spare parts replacements etc.) | 119.0 |
| 3 | Maintenance of STP (02 Nos.) | 0.65 |
| Monitoring & Calibration Charges | | |
| 1 | Third party Environment Monitoring | 12.00 |
| 2 | Env. Laboratory & Pollution Monitoring Expenses with MPPCB officials, Calibration of Pollution Control Equipment by external agencies etc. | 2.50 |
| Green Belt | | |
| 1 | Cost of Plants, Seeds etc. | 3.38 |
| 2 | Maintenance of Green Belt | 1.25 |
| Other Expenses | | |
| 1 | Adopted 01 no's Road Sweeping Machine of Capacity 20KM/Hrs. | 15.50 |
| 2 | Fuel consumption & Maintenance cost of road sweeping machine (03nos) | 2.30 |
| 3 | Water Spray at Truck Parking area | 2.20 |
| 4 | CSR work for nearby society | 49.09* |
| TOTAL | | 268.08 |



BIRLA CORPORATION LIMITED

NSE's Market Tracker

Cement Helpline 24 1800 123 1117

CORPORATE

INVESTORS

CEMENT

CSR ACTIVITIES

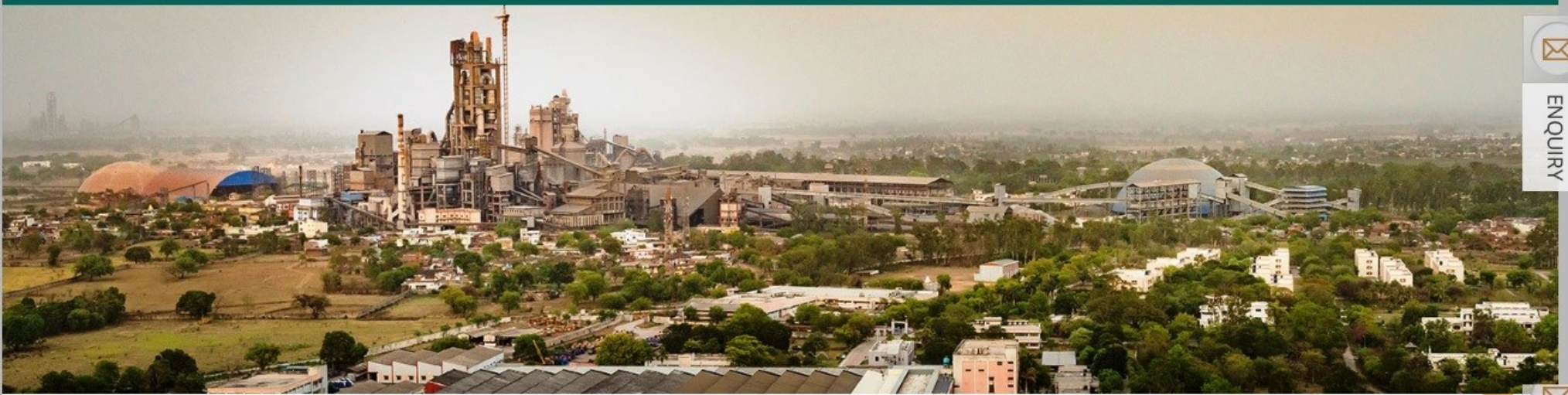
JUTE

HEART AND STRENGTH

CAREER

MEDIA

CONTACT



ENQUIRY

ENQUIRY

MENU

EC COMPLIANCE SATNA

Home > Cement >



ENVIRONMENTAL COMPLIANCE REPORT FOR SATNA CEMENT WORKS FOR OCTOBER-24 TO MARCH-25



EC COMPLIANCE REPORT OF CEMENT PLANT & LIMESTONE MINES: SAGMANIA MINES FOR OCTOBER-24 TO MARCH-25



EC COMPLIANCE REPORT OF CEMENT PLANT & LIMESTONE MINES: BURHULI MINES FOR OCTOBER-24 TO MARCH-25



Ref No.: BCL/SCW/MoEF&CC/EC compliance/2025-26/37

Dated: 24.05.2025

To,
Dy. Director General Forest (Central)
Regional Office, Western Region,
Kendriya Paryavaran Bhavan,
Link Road No. 3, E/5, Ravi Shankar Nagar,
Bhopal - 462016 (M.P.)

Sub: Six Monthly Environmental Clearance Compliance Status reports of Birla Corporation Limited,
Unit: Satna Cement Works for the period from October-24 to March-2025.

Ref: Environmental Clearance Letter No. J-11011/461/2011-IA II (I) Dated 10 October 2012

Dear Sir,

With reference to aforesaid subjected matter, we are herewith submitting six monthly Environment Clearance compliance report for the period of October-24 to March-25 of M/s Birla Corporation Limited, Unit: Satna Cement Works.

This is for your kind information & record please.

Thanking You,

Yours faithfully,

For Birla Corporation Limited,
Unit: Satna Cement Works,

3hi *Kaushal*
Kaushal Mishra
(Unit Head)

Encl: As above

Copy to:

1. Director
Ministry of Environment, Forest & Climate Change (GoI), Indira Paryavaran Bhawan
Jorbagh Road, New Delhi- 110003
2. Member Secretary
M.P. Pollution Control Board, Paryavaran Parisar, E- 5 / Arera Colony, Bhopal - 462 016
3. Regional Director
Central Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony, Bhopal (M.P.) - 462016

न्यूज पेपर दैनिक जागरण

आम सूचना

सर्व सम्बन्धितों को सूचित किया जाता है कि भारत सरकार पर्यावरण एवं वन मंत्रालय, नई दिल्ली द्वारा विरला कार्पोरेशन लिमिटेड, यूनिट- सतना सीमेंट वर्क्स, सतना को सीमेन्ट उत्पादन क्षमता (2.2 MTPA से 3.0 MTPA) बढ़ाने हेतु पर्यावरण स्वीकृति पत्र क्रमांक J-11011/461/2011-IA-II(I) दिनांक 10.10.2012 द्वारा प्रदान की गई है। जिसकी प्रति म.प्र. प्रदूषण नियंत्रण बोर्ड में व पर्यावरण एवं वन मंत्रालय की Website:<http://envfor.nic.in> पद पर उपलब्ध है।

आम सूचना

सर्व सम्बन्धितों को सूचित किया जाता है कि भारत सरकार पर्यावरण एवं वन मंत्रालय, नई दिल्ली द्वारा बिरला कार्पोरेशन लिमिटेड, यूनिट- सतना सीमेंट वर्क्स, सतना को सीमेन्ट उत्पादन क्षमता (2.2 MTPA से 3.0 MTPA) बढ़ाने हेतु पर्यावरण स्वीकृति पत्र क्रमांक J-11011/461/2011-IA-II(I) दिनांक 10.10.2012 द्वारा प्रदान की गई है। जिसकी प्रति म0प्र0 प्रदूषण नियंत्रण बोर्ड में व पर्यावरण एवं वन मंत्रालय की Website: <http://envfor.nic.in> पद पर उपलब्ध है।



BIRLA CORPORATION LIMITED

Unit : SATNA CEMENT WORKS, SATNA

P.O. Birla Vikas Satna - 485 005, Madhya Pradesh, Phone : 07672 -412000 - 01

Fax : (07672) 257456 / 257576 Gram : CEMENT, E-mail: admin@satnacement.com

Registered A/D

02.04.14

To,
Shri Abhay Saraf
Executive Engineer
M. P. Pollution control board
Paryavaran Parisar
E-5/Arera colony, BHOPAL - 462016

Sub:- Regarding Consent renewal of our Existing Cement Plant.

Ref:- Your letter no. 1491 dated 13.03.14


Dear Sir,

With reference to your above cited letter, this is to inform you that we have already obtained consent to operate for one year i.e from 01/06/14 to 31/05/2015 for our existing cement plant of expanded capacity of Clinker - 3.4 MTPA and Cement 3.0 MTPA vide MPPCB, Bhopal letter no. 945 (Air Consent) & 943 (Water Consent) of dated 21/02/2014. The fees are also deposited earlier for the above period. Commissioning of our cement plant for expanded capacity will be completed on 31/05/2014 and production with expanded capacity will be started from 01/06/2014. So there is no need for renewal of earlier consent.

Hope the above information will clear the matter.

Thanking you.

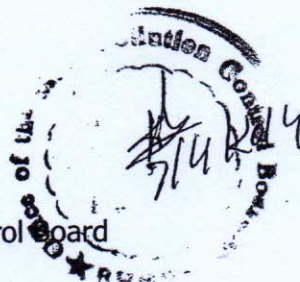
Yours faithfully
For **Birla Corporation Limited**
Unit - Satna Cement Works


(P.K. PALIWAL)

V.P. (Production & Environment)

c.c to: -

Regional Officer
M.P.Pollution Control Board
House No. 318,
Dhawari- SATNA - 485001



REGISTERED & PRINCIPAL OFFICE :
Birla Building, 9/1 R.N. Mukherjee Road, Kolkata 700 001
Website : www.birlacorporation.com





Consent Order

RED-LARGE

CCA-Renewal

PCB ID: 27695

Outward No:123355,09/08/2025

Consent No:AW-62663

To,

The Occupier,

M/s. Birla Corporation Ltd. Unit Satna Cement Works,

181,174,175,186,187,188,189,190,181/448, Birla Vikas Satna

Village & City : Badkher, Tehsil : Raghurajnagar,

Dist: Satna (M.P) – 485005.



Subject: Grant of Renewal of Consent under section 25 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981.

Ref: Your Consent to Operate Application Receipt No. 1409330 Dt. 05/07/2025 and last communication received on Dt. 21/07/2025.

With reference to your above application for renewal of consent to operate has been considered under the aforesaid Acts and existing rules therein. The M. P. Pollution Control Board has agreed to grant consent up to **30/09/2027** subject to the fulfillment of the terms & conditions, enclosed with this letter and-

SUBJECT TO THE FOLLOWING CONDITIONS :-

a. Location: 181,174,175,186,187,188,189,190,181/448, Birla Vikas Satna, Vill. & City - Badkher, Tehsil - Raghurajnagar, District – Satna (M.P). Latitude : 24.5892, Longitude : 80.8559

b. The capital investment in Crs: Rs. 1259.06

c. Product & Production Capacity:

| Product | Production Capacity Per Year |
|---------|-------------------------------------------------------------------|
| Cement | 3.0 Million TPA (Three Million Metric ton Per year) |
| Clinker | 3.4 Million TPA (Three point four Million Metric ton per year) |

Note:- For any change in above industry shall obtain fresh consent from the board.

The Validity of the consent is up to **30/09/2027** and has to be renewed before expiry of consent validity. Online application through XGN with annual license fees in this regard shall be submitted to this office 6 months before expiry of the consent. Board reserves the right to amend/cancel / revoke the above condition in part or whole as and when required.

Enclosures:-

- * Conditions under Water (Prevention & Control of Pollution) Act, 1974
- * Conditions under Air (Prevention & Control of Pollution) Act, 1981
- * General conditions.

By the order of Chairman, MPPCB

ACHYUT ANAND MISHRA
Member Secretary



(Organic Authentication on AADHAR from UIDAI Server)
TPAV # P9P4QWAR39

CONDITIONS PERTAINING TO WATER (PREVENTION & CONTROL OF POLLUTION) ACT 1974 :-

1. The daily quantity of trade effluent of the unit shall be Nil, and the daily quantity of sewage of the unit shall not exceed 737 KLD.

For other parameters general standards of discharge as notified under EP Act 1986 shall be applicable.

2. Sewage Treatment :- The applicant shall O&M Sewage Treatment System properly to achieve following standards-

| | | | |
|-----------------------------|------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| pH | Between | 5.5 – 9.0 | The operator of the STP shall comply with the standards notified vide G.S.R. 1265(E) under sections 6 and 25 of the Environment (Protection) Act, 1986 by the Ministry of Environment, Forest and Climate Change New Delhi dated 13th October, 2017 as per Hon'ble NGT directions or guidelines issued from time to time. |
| Suspended Solids | Not exceed | 100 mg/l. | |
| BOD ₃ Days 27 °C | Not exceed | 30 mg/l. | |
| COD | Not exceed | 250 mg/l. | |
| Oil and grease | Not exceed | 10 mg/l. | |
| fecal coliform | Not exceed | 1000 MPN/100 ml | |

3. The effluent shall be treated up to prescribed Standards and reuse in the cooling and for green belt devolvement/gardening within premises. Hence zero discharge condition shall be practiced. In no case treated effluent shall be discharged outside of industry/unit premises.

4. Water meter preferably electromagnetic/ultrasonic type with digital flow recording facilities shall be installed separately for category wise consumption of water for Industrial cooling & domestic purposes and data shall be submitted online through XGN monthly patrak/statements.

| Sr | Water Code (Qty in - KLPD) | WC : 2096 | WWG : 737 | Water Source |
|----|----------------------------|-----------|-----------|--------------|
| 1 | Cooling Water | 1114 | 0.0 | Mine Water |
| 2 | Domestic Purpose | 982 | 737 | Mine Water |

5. Any change in production capacity, process, raw material used etc. and for any enhancement of the above prior permission of the Board shall be obtained. All authorized discharges shall be consistent with terms and conditions of this consent. Facility expansions, production increases or process modifications which result new or increased discharges of pollutants must be reported by submission of a fresh consent application for prior permission of the Board.

6. All treatment/control facilities/systems installed or used by the applicant shall be regularly maintained in good working order and operate effectively/efficiently to achieve compliance of the terms and conditions of this consent.

7. The Consent does not authorize or approve the Construction of any physical structures or facilities or the undertaking of any work in any water course or within its high flood level (HFL) area.

8. The specific effluent limitations and pollution control systems applicable to the discharge permitted herein are set forth as above conditions.

9. Compilation of Monitoring data-

i. Samples and measurements taken to meet the monitoring requirements specified above shall be representative of the volume and nature of monitored discharge. ii. Following promulgation of guidelines establishing test procedures for the analysis of pollutants, all sampling and analytical methods used to meet the monitoring requirements specified above shall conform to such guidelines unless otherwise specified sampling and analytical methods shall conform to the latest edition of the Indian Standard specifications and where it is not specified the guidelines as per standard methods for the examination of Water and Waste latest edition of the American Public Health Association, New York U.S.A. shall be used.

10. Recording of Monitoring Activities & Results-

i. The applicant shall make and maintain online records of all information resulting from monitoring activities by this Consent.

ii. The applicant shall record for each measurement of samples taken pursuant to the requirements of this Consent as follows:

- (i) The date, exact place and time of sampling
- (ii) The dates on which analysis were performed
- (iii) Who performed the analysis?
- (iv) The analytical techniques or methods used and
- (v) The result of all required analysis

iii. If the applicant monitors any Pollutant more frequently as is by this Consent he shall include the results of such monitoring in the calculation and reporting of values required in the discharge monitoring reports which may be prescribed by the Board. Such increased frequency shall be indicated on the Discharge Monitoring Report Form.

iv. The applicant shall retain for a minimum of 3 years all records of monitoring activities including all records of Calibration and maintenance of instrumentation and original strip chart regarding continuous monitoring instrumentation. The period of retention shall be extended during the course of any unresolved litigation regarding the discharge of pollutants by the applicant or when requested by Central or State Board or the court.

11. Reporting of Monitoring Results:-

Monitoring Information required by this Consent shall be summarized and reported by submitting a Discharge Monitoring report on line to the Board.

12. Limitation of discharge of oil Hazardous Substance in harmful quantities:-

The applicant shall not discharge oil or other hazardous substances in quantities defined as harmful in relevant regulations into natural water course. Nothing in this Consent shall be deemed to neither preclude the institution of any legal action nor relieve the

Consent No:AW-62663

applicant from any responsibilities, liabilities, or penalties to which the applicant is or may be subject to clauses.

13. Limitation of visible floating solids and foam:

During the period beginning date of issuance the applicant shall not discharge floating solids or visible foam.

14. Disposal of Collected Solid waste/sludge-

All hazardous waste/sludge shall be disposed of as per the Authorization issued under Hazardous & other waste (M&TM) Rules 2016. And/other Solids Sludges, dirt, silt or other pollutant separated from or resulting from treatment shall be disposed of in such a manner as to prevent any pollutant from such materials from entering any such water Any live fish, Shall fish or other animal collected or trapped as a result of intake water screening or treatment may be returned to eaters body habitat.

15. Provision for Electric Power Failure-

The applicant shall assure to the consent issuing authority that the applicant has installed or provided for an alternative electric power source sufficient to operate all facilities utilized by the applicant to maintain compliance with the terms and conditions of the Consent.

16. Prohibition of By pass system of treatment facilities-

The diversion or by-pass of any discharge from facilities utilized by the applicant to maintain compliance with the terms and conditions of this Consent is prohibited except :

- i. where unavoidable to prevent loss of life or severe property damage, or
- ii. Where excessive storm drainage or run off would damage any facilities necessary for compliance with the terms and conditions of this Consent. The applicant shall immediately notify the consent issuing authorities in writing of each such diversion or by-pass in accordance with the procedure specified above for reporting non-compliance.

17. Industry management shall be update the information online through XGN in reference to compliance of consent conditions.

18. In case of any discharge found outside of unit premises the unit may be liable to pay environmental compensation as per NGT orders O.A. no 593/2017dated 22.02.2021 and the industry shall be punishable or court case may be filed by the Board under provisions of the Water (Prevention & Control of Pollution) Act, 1974.

19. The industry shall obtain PLI policy under provisions of PLI Act, 1991; if applicable.

20. Storm water shall not be allowed to mix with effluent, treated sewage or floor washing. Storm water shall be channelized through separate drain(S) as per natural gradient passing through lined pits each having holding capacity of 10 minutes (Hourly average) of rain fall for its catchment area.

CONDITIONS PERTAINING TO AIR (PREVENTION & CONTROL OF POLLUTION) ACT 1981 :-

1. The applicant shall O&M air pollution control system to achieve the level of pollutants to the following standards:-

| Name of section | Stack height(mtrs) | Fuel | Control equipment to be installed | PM, SO ₂ , NO _x (mg/Nm ³) |
|-----------------------|--------------------|----------------------|-----------------------------------|-------------------------------------------------------------|
| BVC Cement Mill - 1 | 42 | --- | Bag Filter | 30,NA,NA |
| BVC Cement Mill - 2 | 42 | --- | Bag Filter | 30,NA,NA |
| SCW Cement Mill - 1 | 42 | --- | Bag Filter | 30,NA,NA |
| SCW Cement Mill - 2 | 42 | --- | Bag Filter | 30,NA,NA |
| BVC Coal Mill - 1 | 47 | --- | Bag Filter | 30,NA,NA |
| BVC Coal Mill - 2 | 62 | --- | Bag Filter | 30,NA,NA |
| SCW Coal Mill - 1 | 62 | --- | Bag Filter | 30,NA,NA |
| SCW Coal Mill - 2 | 62 | --- | Bag Filter | 30,NA,NA |
| BVC Cooler Exit | 31 | --- | E.S.P | 30,NA,NA |
| SCW Cooler Exit | 31 | --- | E.S.P | 30,NA,NA |
| SCW Raw Mill Kiln - 1 | 42 | --- | Bag Filter | 30,100,800 |
| SCW Raw Mill Kiln - 2 | 105 | Coal, Pet Coke & AFR | Bag Filter | 30,100,800 |
| BVC Raw Mill Kiln - 1 | 130 | Coal, Pet Coke & AFR | E.S.P | 30,100,800 |
| BVC Raw Mill Kiln - 2 | 145 | Coal, Pet Coke & AFR | Bag Filter | 30,100,800 |

2. The Ambient air quality norms are prescribed in MoEF gazette notification no. GSR/826(E), dated: 16/11/09. Some of the parameters are as follows:

- Particulate Matter (less than 10 micron) - 100 µg/m³ (PM10 µg/m³ 24 hrs. basis)
- Particulate Matter (less than 2.5 micron) - 60 µg/m³ (PM2.5 µg/m³ 24 hrs. basis)
- Sulphur Dioxide [SO₂] (24 hrs. Basis) - 80 µg/m³
- Nitrogen Oxides [NO_x] (24 hrs. Basis) - 80 µg/m³
- Carbon Monoxide [CO] (8 hrs. Basis) - 2000 µg/m³

3. The industry shall take adequate measures for control of noise level generated from industrial activities within the premises less than 75 dB(A) during day time and 70 dB(A) during night time.

4. Industry/Unit shall provide with each stack port hole with safe platform of 1 meter width with support & spiral ladder/ Stepped ladder with hand rail up to monitoring platform as per specifications given in part-III emission regulation of CPCB. In no case monkey ladder shall be allowed as stack monitoring facility.

5. The industry/unit shall make the necessary arrangements for control of the fugitive emission from any source of emission/section/activities.

6. All other fugitive emission sources such as leakages, seepages, spillages etc shall be ensured to be plugged or sealed or made airtight to avoid the public nuisance.

7. The industry/ unit shall ensure all necessary arrangements for control of odour nuisance from the industrial activities or process within premises.

8. All the internal roads shall be made pucca to control the fugitive emissions of particulate matter generated due to transportation and internal movements. Good housekeeping practices shall be adopted to avoid leakages, seepages, spillages etc.

9. Industry shall take effective steps for extensive tree plantation preferably the local tree species within or around the industry/unit premises for general improvement of environmental conditions.

10. Industry shall write name of the industry on stack with heat resistant paint.

11. In case of emission found exceeding prescribed standards, the unit may be liable to pay environmental compensation as per NGT orders O.A. no 593/2017 dated 22.02.2021 and the industry shall be punishable or court case may be filed by the Board under provisions of the Air (Prevention & Control of Pollution) Act, 1981.

12. The industry shall obtain PLI policy under provisions of PLI Act, 1991; if applicable.

Additional Air condition:-

- The industry is permitted to use indigenous /imported pet coke as feedstock/in the manufacturing Process only limited to 2,40,000 MT Per Annum on actual user basis.
- The industry shall furnish the online monthly patrak through XGN separately for indigenous /imported pet coke showing the balance quantity at the start of month, quantity procured during the month, the quantity consumed during the month as feedstock or in the manufacturing Process and the balance quantity in the end of the month.
- The industry shall write its name on each stack at the height visible from the nearby locality with heat resistant paint.
- The industry shall provide pneumatic system for the handling of AFR and shall comply with the monitoring Protocol as decided by the CPCB.
- Industry shall make proper arrangement for storage of AFR in covered shed for utilization.
- In reference to industries letter dt. 28/06/2023, Industry is already permitted to use Waste Mix Solids (HW)-16,000 TPA for Co-Processing in cement kiln vide Outward No: 55951, Dt. 05/12/2017.

Consent No:AW-62663

7. The industry is permitted to use Following non-hazardous wastes as AFR:

| Sr. No. | Non – Hazardous waste | Quantity Per Annum |
|---------|---------------------------------------------------|--------------------|
| 1. | AFR (Agro Waste, Woody Biomass & polythene waste) | 200000 MT/Y |
| 2 | AgroWaste/Husk/Woody Biomass & other Agro waste | 200000 MT/Y |
| 3 | Automobile internal waste | 5000 MT/Y |
| 4 | Boiler Ash | 150000 MT/Y |
| 5 | Damaged and date expired FMCG products | 15000 MT/Y |
| 6. | Damaged and date expired FMCG products | 15000 MT/Y |
| 7. | Damaged conveyor belts | 60000 MT/Y |
| 8. | Damaged/Brusted packing bags | 20000 MT/Y |
| 9 | Date-expired/ Discarded medicines | 7000 MT/Y |
| 10 | ETP Biosolids from Soft drink Industry | 3500 MT/Y |
| 11. | Foundry waste | 5000 MT/Y |
| 12. | Laminated, packaging & plastic waste | 4000 MT/Y |
| 13. | Non-recyclable rubber waste | 10000 MT/Y |
| 14. | Packing material waste | 4000 MT/Y |
| 15. | RDF (Refuse Derived Fuel) | 100000 MT/Y |
| 16. | Sorted MSW | 20000 MT/Y |
| 17. | Spent carbon from soft drink industries | 5000 MT/Y |
| 18. | Spent wash | 4000 MT/Y |
| 19. | Tapestry waste/Carpet Waste | 5000 MT/Y |
| 20. | Tyre chips | 20000 MT/Y |
| 21. | Waste cotton cloths without oil | 5000 MT/Y |
| 22. | Wooden scrap | 20000 MT/Y |

GENERAL CONDITIONS:

1. The non hazardous solid waste arresting in the industry/unit/unit premises sweeping, etc. be disposed off scientifically so as not to cause any nuisance/pollution. The applicant shall take necessary permission from civic authorities for disposal to dumping site.

Non Hazardous Solid wastes:-

| Type of waste | Quantity | Disposal |
|---------------------------------------------------------------------------|-----------------------------|----------------------------------------------------------------|
| Scrap/ Plastic packing material wood, card board, gunny bags etc (if any) | Record should be maintained | Re-Use/Sale to M.P. Pollution Control Board's authorized party |

2. The applicant shall allow the staff of Madhya Pradesh Pollution Control Board and/or their authorized representative, upon the representation of credentials:

- a. To inspect raw material stock, manufacturing processes, reactors, premises etc to perform the functions of the Board.
- b. To enter upon the applicant's premises where an effluent source is located or in which any records are required to be kept under the terms and conditions of this Consent.
- c. To have access at reasonable times to any records required to be kept under the terms and conditions of this Consent.
- d. To inspect at reasonable times any monitoring equipment or monitoring method required in this Consent: or,
- e. To sample at reasonable times any discharge or pollutants.

3. This consent is transferable in nature, in case of any change in ownership / management, the new owner / partner / directors / proprietor shall immediately apply for the consent with new requisite information.

4. The issuance of this Consent does not convey any property rights in either real or personal property or any exclusive privileges, nor does it authorise any invasion of personal rights, nor any infringement of Central, State or local laws or regulations.

5. Industry shall install separate electric metering arrangement for running of pollution control devices and this arrangement shall be made in such fashion that any non functioning of pollution control devices shall immediately stop electric supply to the production and shall remain tripped till such time unless the pollution control device/devices are made functional.

6. This consent is granted in respect of Water pollution control Act 1974 or Air Pollution Control act, 1981 only and does not relate to any other Department/Agencies. License required from other Department/Agencies have to be obtained by the unit separately and have to comply separately as per there Act / Rules.

7. Balance consent fee, if any shall be recoverable by the Board even at a later date.

8. The applicant shall submit such information, forms and fees as required by the board not letter than 180 day prior to the date of expiration of this consent/authorization.

9. The industry/unit shall establish a separate environmental cell, headed by senior officer of the unit for reporting the environmental compliances. The industry/ Unit shall submit environmental statement for the previous year ending 31st March on or before 30th September every year to the Board.

10. Industry shall obtain membership of Emergency Response Center of the Board if needed.

11. Knowingly making any false statement for obtaining consent or compliance of consent conditions shall result in the imposition of criminal penalties as provided under the section 42(g) of the Water Act or section 38 (g) of the Air Act.

12. After notice and opportunity for the hearing, this consent may be modified, suspended or revoked by the Board in whole or in part during its term for cause including, but not limited to, the following:

- (a) Violation of any terms and conditions of this Consent.
- (b) Obtaining this Consent by misrepresentation of failure to disclose fully all relevant facts.
- (c) A change in any condition that requires temporary or permanent reduction or elimination of the authorized discharge.

13. On violation of any of the above-mentioned conditions the consent granted will automatically be taken as canceled and necessary action will be initiated against the industry.

14. The industry/unit shall also monitor the treated wastewater flow and report the same online through monthly patrak/statements.

15. The applicant shall take samples and measurement to meet the monthly requirements specified above and report online through XGN the same to the Board.

16. Ambient air quality at the boundary of the industry/unit premises shall be monitored and reported to the Board regularly on quarterly basis.

17. The record of electricity consumption for running of pollution control equipment shall be maintained and submitted to the Board every month.

18. Industry shall carry out environmental audit for the FY 2023-24 from NABET accredited consultant and report shall be submitted to the Board within 03 months from date of issue of this letter. The same procedure shall be followed for coming years regarding submission of environmental audit report before September of preceding year with environmental statement.

19. Industry shall use municipal waste based RDF as fuel with a minimum quantity of 5 % of total solid fuel used as per rule 18 of Solid waste Management Rule 2016.

20. The Industry shall maintain Outdoor HD Industrial grade IP(Internet Protocol) Cameras with PanTilt-Zoom(PTZ) feature, minimum focal length 30X with night vision facility and temper proof mechanism at suitable location to display all emission sources and effluent discharge point and connect the same with Environment Surveillance Centre, MP Pollution control board Bhopal for remote surveillance.

21. The industry shall strictly comply with CPCB/SPCB/MoEFCC/Hon'ble NGT directions issued from time to time

22. Registration as Producer/Brand Owner under Plastic Waste Management Rules and EPR-Agreement shall always be kept valid and submitted online to the Board every year regularly

Advisory Conditions:-

1. The Industry shall obtain & maintain valid NOC from Central Ground Water Board for extraction of ground water and has to be renewed before expiry of NOC validity. (if applicable)
2. The industry shall install separate Digital Water meter with digital flow recording facilities for different Water sources and provide its connectivity with server of Environment Surveillance Centre, M P Pollution Control Board Bhopal.
3. The industry shall provide Rain water harvesting system for ground water conservation and recycle treated waste water in plantation and flushing.
4. Potable drinking water shall be used for drinking purposes only.
5. Appropriate legal action shall be initiated in case of violation of above mentioned conditions by the competent authority.

Renewal of Consent as required under the Water (Prevention & Control of Pollution) Act, 1974 and The Air (Prevention & Control of Pollution) Act, 1981 is granted to your industry subject to fulfillment of all the conditions mentioned above. For renewal purpose you shall have to make an application to this Board through XGN at least Six months before the date of expiry of this consent. The applicant without valid consent (for operation) of the Board shall not bring in to use any outlet for the discharge of effluent and gaseous emission.

For and on behalf of
M.P. Pollution Control Board

By the order of Chairman, MPPCB



ACHYUT ANAND MISHRA
Member Secretary



(Organic Authentication on AADHAR from UIDAI Server)
TPAV # P9P4QWAR39

Consent No:AW-62663