

Ref: ACL/RPR/UH/ENV/2024/387

29th May 2024

Director, Ministry of Environment, Forests & Climate Change, Northern Regional Office, Bays No. 24-25, Sector 31-A, Dakshin Marg, Chandigarh-160030

Sub: Half Yearly compliance of conditions of Environmental Clearance,

Respected Sir,

This has reference to the Environmental Clearance granted to our plant by MoEF&CC vide letter no. J-11011/146/2012-IA-II (I) dated 26th May 2016. We are submitting a copy (hard-copy) of point-wise status report from October 2023 to March 2024 on compliance of the stipulated conditions of Environmental clearance letter referred above. We are also sending a copy of the same through e-mail address: eccompliance-nro@gov.in with a request to acknowledge the receipt through return mail.

Hope you will find the information in order.

Thanking you.

Yours faithfully,

For Ambuja Cements Limited, (Unit: Ropar)

Shashi Bhushan Mukhija

0) Kinthy

Plant Manager

Encl: As above

CC: Environmental Engineer Punjab Pollution Control Board Regional Office Rupnagar, 281, Gaini Zail Singh Nagar 140001(Punjab) Hard Copy

Ambuja Cements Limited Near GGSSTP, P.O. Lodhimajra Distt. Ropar-140113, Punjab (India) Ph +91-1881-257257

CIN: L26942GJ1981PLC004717

Registered Office: Adani Corporate House Shantigram, S. G. Highway Khodiyar, Ahmedabad – 382 421 Gujarat, India Ph +91 79-2555 5555 www.ambujacement.com

Compliance of Conditions of Environment Clearance

Name of the Project: Ambuja Cements Ltd., Village Daburji, P.O. Lodhimajra, Tehsil & Distt. Ropar, Punjab - 140113

Environmental Clearance letter No.: J-11011/146/2012-IA-II(I) dated 26th May 2016

Period of Compliance: October 2023 to March 2024

| S. No. | Condition | Compliance status |
|--------|---|---|
| | A. SPECIFIC CO | ONDITIONS |
| 1. | The project proponent shall install 24x 7 air monitoring devices to monitor air emissions as provided by the CPCB and submit the Report to Ministry and its Regional Office. | CEMS has been installed for continuous monitoring of PM, SO2 and NOx at the stack of Boiler & connected with the SPCB & CPCB server. Opacity meter has been installed for continuous monitoring of PM at the stack of all cement mills & connected with the SPCB & CPCB server. |
| 2. | The Standard issued by the Ministry Vide G.S.R. No. 612(E) dated 25th August 2014 regarding cement plant with respect to particulate matter, SO ₂ and NO _x shall be followed. | This is cement grinding unit and we have installed online dust monitors (opacity meter) in major stacks of the Unit and data of monitoring is being already transmitted to CPCB/SPCB servers. Emission of SO2 and NOx is not applicable in the mill stacks. Particulate matter emission levels are maintained <30 mg/Nm3 for plant stacks and <50 mg/Nm3 for boiler stacks. Complying with SO2 < 600 mg/Nm3 and NOx < 300 mg/Nm3 respectively for boilers. Report of Particulate matter emission monitoring done in March 2024 by M/s Chandigarh Pollution Testing Laboratory, Mohali, a Third Party NABL Accredited Lab is enclosed as Annexure - I a CEMS have been installed for continuous monitoring of SO2 and NOx at the stack of Boiler. Storm water management system in the plant has also been established. |
| 3. | Efforts shall be made to achieve power consumption of 70 units for Portland Pozzolana Cement (PPC) | This is a standalone cement grinding unit so clinker is not produced here. We have |

| | and 95 units /ton for Ordinary Portland Cement (OPC) production and thermal energy consumption 670 K cal/Kg of Clinker. | Cement production below 32 kwh / Ton of cement produced. |
|----|---|--|
| 4. | The National Ambient Air Quality Standards issued by the Ministry vide G.S.R. No 826(E) dated 16th November 2009 shall be followed. | Ambient air quality is being monitored at the ten locations which include 5 nearby villages. Complying with the National Ambient Air Quality Emission Standards issued by the Ministry. Ambient Air Quality Monitoring is also being conducted through NABL Accredited Lab. Report of Monitoring done in March 2024 by M/S Chandigarh Pollution Testing Laboratory, Mohali, a Third Party NABL Accredited Lab is enclosed as Annexure – I b. Six monthly compliance report is being submitted on regular basis to the Regional Office, Ministry of Environment, Forests and Climate Change and SPCB. |
| 5. | Secondary fugitive emissions shall be controlled and shall be within the prescribed limits and regularly monitored. Guidelines /Code of Practice issued by the CPCB in this regard shall be followed. | the control of fugitive emission: |

e) Road sweeping machines are already deployed in the plant clear the spillage/dust accumulated on the fugitive the roads to control emissions and maintain proper housekeeping in the plant. f) Improved sealing arrangement in belt conveyors. g) Installed the wheel cleaning system (dry) & Wind wall arrangement for control of fugitive emissions. h) Water spray system has been provided. Greenbelt developed in plant area. i) Fugitive emission is well within limit. Report of Monitoring done in March 2024 by M/s Chandigarh Pollution Testing Laboratory, Mohali, a Third Party NABL Accredited Lab is enclosed as Annexure - I c. To ensure and reduce impact of transport Efforts shall be made to reduce 6. on the surrounding environment; raw impact of the transport of the raw materials and cement is transported mostly materials and end products on the by rail and in trucks covered with tarpaulin. environment Surrounding Dry Fly ash is being received by pneumatic including agricultural land by use pipeline from nearby Guru Govind Singh conveyors/rail mode Super Thermal Power Plant. transport wherever feasible. The Transport vehicles are periodically checked company shall have separate truck for Pollution Under Control certificate from parking area. Vehicular emissions approved agencies. shall be regularly monitored. Separate railway siding is commissioned since inception of the plant in 1995 from nearby Guru Govind Singh Super Thermal Plant to our plant site to transport raw materials and around 30-35 % of cement dispatch is also carried out by rail thereby reducing the impact on the surrounding environment caused by transportation activity. Provided wind wall across the raw material yard for controlling the Fugitive emissions. The approaching road towards raw material yard has been concreted for arresting fugitive emissions.

| | | The approaching road towards Guru Gobind Singh Super Thermal Plant (GGSSTP) fly ash dykes has been concreted for arresting fugitive emissions. | |
|----|--|--|--|
| 7. | Efforts shall be made to further reduce water consumption by using air cooled condensers. All | Cement manufacturing process is based on dry process technology. Return water from cooling system is routed back to collection tank and recycled back into system. Domestic waste water is treated in Sewage Treatment Plant (STP) and it is being used for cooling in Power Plant and dust suppression system. The wastewater from Captive power plant being treated through the Effluent Treatment Plant and treated water being used in cooling tower after treatment in ETP (comprises of HRSCC-MGF-UF-RO1-RO2-MEE & Solar evaporation ponds). Zero' discharge has been achieved STP treated water is also got tested through NABL Accredited Lab (M/s Chandigarh Pollution Testing Laboratory, Mohali). Reports of Testing done in March 2024 are enclosed as Annexure - I d. | |
| 8. | Efforts shall be made to make use of rainwater 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. | A Collection Tank of approximately one lakh Liters is constructed to collect the rainwater in plant area and same is being used for cooling purpose in the plant. | |
| 9. | Green belt shall be developed in 33% of the project area within plant premises with at least 10 meter wide green belt on all sides along the periphery of the project area, along road sides etc. by planting native and broad leaved species in consultation with local DFO and local communities as per the CPCB guidelines. | area with total green cover of more than 33%. Local native species are planted for increase survival rate. Plant species like Silver Oak, Aacacia, Ariaculifromis, Neem, Burma Neem, Chakrasia, Amaltas, Teak, Jamun, Jamoa, | |

| 10. | All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Cement plants shall be implemented. | All the applicable conditions of the CREP are complied. Compliance status is enclosed as Annexure - III. |
|-----|---|--|
| 11. | At least 2.5% of the total cost of the project shall be earmarked towards the Enterprise Social Commitment (ESC) based on local needs and action plan with financial and physical breakup/details shall be prepared and Submitted to the Ministry's Regional Office. Implementation of such program shall be ensured accordingly in a time bound manner. | We have incurred more than 2.5 % of the project cost. We have spent Rs. 3, 23, 39,854.46 on Environment Protection and other related activities from October 2024 to March 2024. Details of expenses enclosed as Annexure – IV a. We have also spent approximately Rs 15518499/- in 2023-24 on CSR activities in the surrounding areas and the present status of current financial year is attached as Annexure – IV b. Details of Head wise expenses enclosed as Annexure – IV b. Apart from this we have upgraded the STE with a Capex of Rs. 18.00 Lakh, have installed an OCEMS at ETP with a capex of Rs.14.00 Lakh and installed a Whee Washing System for the trucks/tipper transporting wet ash from Thermal Plan Dykes with a capex of Rs. 25.00 Lakh. |
| 12. | The proponent shall prepare a detailed CSR Plan for every next 5 years for the existing-cumexpansion project, which includes village-wise, Sector-wise (Health, Education, Sanitation, Health, Skill Development and infrastructure requirements Such as strengthening of village roads, avenue plantation, etc) activities in consultation with the local communities and administration. The CSR Plan will include the amount of 2% retain annual profits as provided for in Clause 135 of the Companies Act, 2013 which provides for 2% of the | For the year 2023-24, CSR arm of ACL is Ambuja Cement Foundation has spent as approximate amount of Rs.1.56 Crores of CSR activities including Water Resource Management; Agro based livelihood, Skill and entrepreneurship development Education, Health & Sanitation, women empowerment and infrastructure development etc. Details enclosed above a Annexure – IV b and Proposed CSE Expenses up to 2027 are enclosed a Annexure – IV b. |

| | average net profits of previous 3 years towards CSR activities for life of the project. A separate budget head shall be created and the annual capital and revenue expenditure on various activities of the Plan shall be submitted as part of the Compliance Report to RO. The details of the CSR Plan shall also be uploaded on the company website and shall also be provided in the Annual Report of the company. | |
|-----|---|---|
| 13. | The project proponent shall provide for solar light system for all common areas, streetlights, Villages, parking around project area and maintain the same regularly. | We have already installed solar lights in the common locations in surrounding villages. Apart from these, 5 Solar LED Lights have been installed in common areas at colony, roadside, Club Building etc. in 2022. |
| 14. | The project proponent shall provide for LED lights in their offices and residential areas. | The point is being complied. All the lights which are damaged/ due for replacement are being replaced with the LED lights. In the year 2022, we have replaced approximately 431 LED lights and in the year 2023, we have replaced about 470 LED lights. |
| 15. | Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, Safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project. | No construction activity proposed. So, no additional facilities required. Existing facilities are available and sufficient for the workers. |
| | B. GENERAL | CONDITIONS |
| 1. | The project authorities must strictly adhere to the stipulations made by the Punjab Pollution Control Board and the State Government. | Consents are complied. Half yearly Compliance reports are sent to the regional |

| monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM10, PM2.5, 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 Chandigarh and the SPCB/CPCB once in six months. 4. Industrial wastewater shall be properly collected, treated So as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31 December, 1993 or as amended form time to time. The treated wastewater shall be utilized for plantation purpose. 4. December, 1993 or as amended form time to time. The treated wastewater shall be utilized for plantation purpose. 4. December, 1993 or as amended form time to time. The treated wastewater shall be utilized for plantation purpose. 5. No wastewater is being generated from the Cooling Tower Blow down, Boiler Blow down and is properly treated in ETF and zero liquid discharge maintained. 6. No wastewater is being generated from the Cooling Tower Blow down, Boiler Blow down and is properly treated in ETF and zero liquid discharge maintained. 7. No wastewater is being generated from the Cooling Tower Blow down, Boiler Blow down and is properly treated in ETF and zero liquid discharge maintained. 8. No wastewater is being generated from the Cooling Tower Blow down, Boiler Blow down and is properly treated in ETF and zero liquid discharge maintained. 8. No wastewater is being generated from the Cooling Tower Blow down, Boiler Blow down and is properly treated in ETF and zero liquid discharge maintained. 8. No wastewater is being generated from the Cooling Tower Blow down, Boiler Blow down and is properly treated in ETF and zero liquid discharge maintained. 8. No wastewater is being generated from the Cooling Tower Blow down, Boiler Blow down and is properly treated water also for dust suppression and in power plant for cooling purpose and the Cooling Tower Blow down, Boiler Blow down | 2. | No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEFCC). | Point noted & agreed. No future expansion will be carried out without prior approval of the MoEF&CC. |
|---|----|---|---|
| Industrial wastewater shall be properly collected, treated So as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31 December, 1993 or as amended form time to time. The treated wastewater shall be utilized for plantation purpose. Trade Effluent is generated from the Cooling Tower Blow down, Boiler Blow down and is properly treated in ETF and zero liquid discharge maintained Treated water being used in captive power plant for cooling purpose and dust suppression system. Domestic sewage being generated from the Cooling Tower Blow down, Boiler Blow down and is properly treated in ETF and zero liquid discharge maintained Treated water being used in captive power plant for cooling purpose and dust suppression and in power plant for cooling purpose. Tomestic sewage being generated from the Cooling Tower Blow down, Boiler Blow down and is properly treated in ETF and zero liquid discharge maintained Treated water being used in captive power plant for cooling purpose and dust suppression and in power plant for cooling purpose. Tereated water also for dust suppression and in power plant for cooling purpose. Treated water also for dust suppression and in power plant for cooling purpose. Treated water also for dust suppression and in power plant for cooling purpose. Treated water is also got tester through NABL Accredited Lab (M/Chandigarh Pollution Testin Laboratory, Mohali). Testing Reports of monitoring done in March 2024 are enclosed as Annexured. | 3. | monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM10, PM2.5, 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 Chandigarh and the SPCB/CPCB | monitored at the six locations of the plant boundary. Complying with the National Ambient Air Quality Emission Standards issued by the Ministry. Stack emission levels are maintained. Six monthly compliance report is being submitted on regular basis to the Regional Office of Ministry of Environment Forests and Climate |
| | 4. | Industrial wastewater shall be properly collected, treated So as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31 December, 1993 or as amended form time to time. The treated wastewater shall be utilized for | Trade Effluent is generated from the Cooling Tower Blow down, Boiler Blow down and is properly treated in ETP and zero liquid discharge maintained. Treated water being used in captive power plant for cooling purpose and dust suppression system. Domestic sewage being generated from colony and plant is also being treated through zero liquid discharge STP and treated water also for dust suppression and in power plant for cooling purpose STP treated water is also got tested through NABL Accredited Lab (M/S Chandigarh Pollution Testing Laboratory, Mohali). Testing Reports of monitoring done in March 2024 are enclosed as Annexure-I d. |

| | around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (night time). | plant area are well within the prescribed standards of 85 dB (A) Ambient noise levels at the plant boundary are well within the standards prescribed under EPA Rules viz 75 dB (A) (Day time) and 70 dB (A) (Nighttime). Report of Noise Monitoring done on March 2024 is enclosed as Annexure 1e. All necessary noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation are in place and properly maintained. Workplace noise level survey is conducted on regular basis to identify areas with high noise levels. Workers employed in High Noise Area are provided with proper PPEs and their exposure to noise is controlled within the permissible limits. |
|----|--|---|
| 6. | Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act. | Occupational health surveillance is being conducted periodically. This year it was conducted in April, 2024 and planned in October 2024. Records are being maintained. Copy of one is attached as Annexure-Va. |
| 7. | The company shall develop rain water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table. | Constructed rainwater harvesting structures of approximately 1 Lakh m³ for collection of rain water, which is further being used in Cooling Tower. About 10 structures have also been made in Village Ghanuli, Munguwal, Chakarma Daburjee, Lodhimajra and Bela College Ropar. Ghanauli Drain waste water was being utilized in the captive power plant (CPP) cooling process. However, CPP is not running since October 2022. |
| 8. | 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 | All the environmental protection safeguards are being done. We have incurred a sum of Rs. 3, 23, 39, 854.46 /- on Environment Protection and other related activities from October 2023 to March 2024. The data is enclosed above |

| | in the surrounding villages like community development programmes, educational programmes, drinking water Supply and health care etc. | Ambuja cement Foundation (ACF) Ropar is doing welfare and community development activities in the nearby villages of our project area as per MoEF&CC Environmental Clearance Condition, under our CSR programme covering nearby villages with local communities and Panchayats. The Head wise CSR Expenditure incurred in 2023-2024 is already enclosed above as Annexure – IV b |
|-----|--|---|
| 9. | Requisite funds 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, Forest and Climate Change (MoEF&CC) 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 Chandigarh. The funds so provided shall not be diverted for any other purpose. | Earmarked funds are being utilized for environmental protection control measures to implement the condition stipulated by MoEF&CC and SPCB. We have spent Rs. 3, 23, 39, 854.46 /- on Environment Protection and other related activities from October 2023 to March 2024. Details already enclosed above as Annexure IV a. |
| 10. | A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/Municipal Corporation, Urban Local Body and the local NGO, if any, from whom Suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent. | Copies of the EC have been sent to surrounding village Panchayats, various village people in the area and the NGO. A copy of the EC is posted on the company's website for public display. Also displayed in villages notice boards. |
| 11. | The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including | (Rule 10 of EIA Notification, 2006, dated |

results of monitored data on their Website and shall update the same periodically. shall It simultaneously be sent to the Regional Office of the MOEF&CC at Chandigarh. The respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely, PM10, SO2, NOx (ambient levels as well as Stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.

concerned regulatory authorities on half yearly basis. Copies of these reports as well as the Annual Environment Statement as submitted to the PPCB, are also uploaded on the company's website (www.ambujacement.com) for public viewing in compliance to the Ministry's Circular dated 30.06.2009.

12. The project proponent shall also submit six monthly reports on the status of the compliance of the environmental stipulated conditions including results of monitoring data (both in hard copies as well as in email) to the Regional Office of MOEFCC, the respective zonal office of CPCB and the SPCB. The Regional Office of at Chandigarh this Ministry /CPCB/SPCB shall monitor the stipulated conditions.

Six monthly compliance reports in respect of Post Environment Clearance Monitoring (Rule 10 of EIA Notification, 2006, dated 14.09.2006) is being submitted regularly to regional office MoEF&CC Chandigarh and Punjab Pollution Control Board. Last report was sent on 23rd November 2023 through e-mail address: eccompliance-nro@gov.in.

The environmental statement for 13. each financial year ending 31 March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board prescribed under the Environment (Protection) Rules. 1986. amended Subsequently, shall also be put on the website of the company along with the Status of environmental compliance of conditions and shall also be sent to the respective Regional Office of

Annual Environment Statement is regularly sent to the PPCB. In addition, a copy of the statement is being uploaded on the company's website. Last Annual Environmental statement for the year 2022-2023 has been submitted on 29th Sept 2023 through e-mail. Copy of the same is attached as Annexure-Vb.

| | the MOEF&CC at Chandigarh by e- mail. | |
|-----|--|--|
| 14. | 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, Forests and Climate Change (MoEF&CC) at http://envfor.nic.in. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the Vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional office at Chandigarh. | The Public was informed about the grant of Environment Clearance through advertisement in the Punjab, Dainik Jagran in Hindi and Punjabi Tribune in Punjabi dated 1st June 2016. Copies of the newspaper clippings have already been submitted to the Regional Office of the MoEF&CC after the grant of Environment Clearance within seven days. Copies of advertisement published in Dainik Jagran in Hindi and Punjabi Tribune in Punjabi on 01.06.2016 and already submitted to regional office, MoEF&CC at Chandigarh. |
| 15. | Project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work. | Date of final approval of the project - 26.05.2016 and there was no land development work as the proposed project expansion was based on the process optimization. We have taken approval of SAC from Punjab Pollution Control Board. All the required permits have been obtained. |



CHANDIGARH POLLUTION LABORATORY

(Environmental Monitoring, EIA, NOC, ETP, STP)

NABET Accredited EIA Consultant



Annexure -: #372, Sector 15-A, Chandigarh-160 015

Phone: 0172-4669295

: E-126, Phase-VII, Indl. Area, Mohali - 160055

Phone: 0172-5090312

E-mail : cptle126@gmail.com : lab@cptl.co.in

Website: www.cptl.co.in

TEST CERTIFICATE



Stack Air Emission

Format No. CPTLF7.8-I(A) REPORTING DATE: 20-03-2024

M/s. AMBUJA CEMENT LTD.,

(UNIT-ROPAR), VILL.-DABURJI, P.O.-LODHIMAJRA,

DISTT.- ROPAR.

SAMPLE PARTICULARS

Sampling Plan Ref No.: **CPTLF 7.3-1** Sampling Method: CPTL/SM/01

REPORT No. CPTL/2024/03/38(A) NAME OF INDUSTRY:

Type of Sample: Point of Sample:

From Port Hole On Stack

| Date of Sample Collection: 16-03-2024 Date of Sample Received in Lab.: 16-03-2024 Sample Identification No.: CPTL/2024/03/38(A) Nature of Sample: Air Sample | | Analysis Duration: 16-03-2024 to 20-03 | | Normal 5-03-2024 to 20-03-2024 Navjot Singh & Team | |
|--|----------------------------|--|-------------------------------------|--|---------------|
| - | | TEC | HNICAL DATA | | |
| 1. | Name of Plant/Section | | Fly Ash Handling | Silo (East Gate) | |
| 2. | Source of Emission | | Process Emission | The state of the s | |
| 3. | *Type Of Fuel/Quantity | | NA | | |
| 4. | Location of Sampling Point | | As per Standard | | |
| 5. | *Diameter of Stack | | 1.0 meter (Top); 1.0 meter (Bottom) | | |
| 6. | *Height of Stack | | 17.0 meter from Ground level | | |
| 7. | Sampling Time | | 35.0 minutes | | |
| 8. | Ambient Air Temperature | | 21.8°C | | |
| 9. | Stack Air Temperature | | 22.6°C | | |
| 10. | Velocity of Flue Gases | | 9.58 m/sec | | |
| 11. | . *APCD | | Bag Filter | | |
| | PARAMETERS | RESULTS | PRESCRIBED STANDARD BY CPCB | TEST METHOD | |
| Parti | iculate Matter (PM) mg/Nm3 | 21.9 | 30.0 | IS:11255 (Part-1) 1 | 985 (RA:2019) |

*represent the information provided by the customer.

Date: 20/3/2027

Sital Singh (CEO) (Authorized Signatory Date:

· The results are related to test items only.

This certificate is not to be reproduced wholly or in part and cannot be used as evidence in the court of law without approval of laboratory.



(Environmental Monitoring, EIA, NOC, ETP, STP,

NABET Accredited EIA Consultant



H.O. : #372, Sector 15-A, Chandigarh-160 015

Phone: 0172-4669295

Lab : E-126, Phase-VII, Indi. Area, Mohali - 160055

Phone: 0172-5090312

E-mail : cotle126@gmail.com; lab@cpti.co.in

REPORTING DATE: 20-03-2024

Website: www.cptl.co.in



REPORT No. CPTL/2024/03/40(A)

NAME OF INDUSTRY: M/s. AMBUJA CEMENT LTD.,

(UNIT-ROPAR), VILL, DABURJI, P.O.-LODHIMAJRA,

DISTT.- ROPAR.

SAMPLE PARTICULARS

Sampling Plan Ref No.: CPTLF 7.3-I Type of Sample: Stack Air Emission Sampling Method: CPTL/SM/01 Point of Sample: From Port Hole On Stack Date of Sample Collection: **Environmental Conditions:** 16-03-2024 Normal 16-03-2024 to 20-03-2024 Date of Sample Received in Lab.: 16-03-2024 Analysis Duration: Sample Identification No.: Sample Collected By: CPTL/2024/03/40(A) Navjot Singh & Team

| Nati | are of Sample: | Air Sample | | *************************************** | |
|------|----------------------------|------------|--|--|--|
| | | TEC | CHNICAL DATA | AND THE REST OF | |
| 1. | Name of Plant/Section | | Stack 51A-BC4 to 51A-BC-5 (Transfer Point) | | |
| 2. | Source of Emission | | Process Emission | and the state of t | |
| 3. | *Type Of Fuel/Quantity | | NA | | |
| 4. | Location of Sampling Point | | As per Standard | | |
| 5. | *Diameter of Stack | | 1.12 meter (Top); | 1.12 meter (Bottom) | |
| 6. | *Height of Stack | | 17.0 meter from Ground level | | |
| 7. | Sampling Time | | 35.0 minutes | | |
| 8. | Ambient Air Temperature | | 22.2°C | | |
| 9. | Stack Air Temperature | | 22.8°C | | |
| 10. | Velocity of Flue Gases | | 8.8 m/sec | | |
| 11. | 1. *APCD | | Bag Filter | | |
| | PARAMETERS | RESULTS | PRESCRIBED STANDARD BY CPCB | TEST METHOD | |
| Part | iculate Matter (PM) mg/Nm3 | 24.6 | 30.0 | IS:11255 (Part-1) 1985 (RA:2019) | |

^{*}represent the information provided by the customer.

Chemist In Charge Date: 20/3/2024

Sital Singh (CEO)
(Authorized Signatory)
Date: 15210277

· The results are related to test items only.

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(Environmental Monitoring, EIA, NOC, ETP, STP)

NABET Accredited EIA Consultant



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Phone: 0172-5090312

E-mail : cptie126@gmail.com : lab@cptl.co.in

Website: www.cptf.co.in

TEST CERTIFICATE



REPORT No. CPTL/2024/03/68a(A)

REPORTING DATE: 21-03-2024

NAME OF INDUSTRY:

M/s. AMBUJA CEMENT LTD.,

(UNIT-ROPAR), VILL.-DABURJI, P.O.-LODHIMAJRA,

DISTT.- ROPAR.

SAMPLE PARTICULARS

Sampling Plan Ref No.: CPTLF 7.3-1 Type of Sample: Stack Air Emission
Sampling Method: CPTL/SM/01 Point of Sample: From Port Hole On Stack
Date of Sample Collection: 18-03-2024 Environmental Conditions: Normal
Date of Sample Received in Lab.: 18-03-2024 Analysis Duration: 18-03-2024 to 21-03-2024
Sample Identification No.: CPTL/2024/03/68(A) Sample Collected By: Navjot Singh & Team
Nature of Sample: Air Sample

| Date of Sample Received in Lab.: 18-03-2024 Sample Identification No.: CPTL/2024/03/68(A) Nature of Sample: Air Sample | | | Analysis Dura Sample Colle | A CONTRACT OF THE PROPERTY OF | |
|--|----------------------------|---------|-------------------------------------|---|--|
| | | TEC | CHNICAL DATA | | |
| 1. | Name of Plant/Section | | Stack 51A-BC-02 | to 51A-BC-04 | |
| 2. | Source of Emission | | Process Emission | | |
| 3. | *Type Of Fuel/Quantity | | NA | | |
| 4. | Location of Sampling Point | | As per Standard | | |
| 5. | *Diameter of Stack | | 0.6 meter (Top); 0.6 meter (Bottom) | | |
| 6. | *Height of Stack | | 24.0 meter from Ground level | | |
| 7. | Sampling Time | | 35.0 minutes | | |
| 8. | Ambient Air Temperature | | 23.2°C | | |
| 9. | Stack Air Temperature | | 23.6°C | | |
| 10. | Velocity of Flue Gases | | 9.76 m/sec | | |
| 11. | 11. *APCD | | Bag Filter | | |
| | PARAMETERS | RESULTS | PRESCRIBED STANDARD BY CPCB | TEST METHOD | |
| Parti | culate Matter (PM) mg/Nm3 | 19.9 | 30.0 | IS:11255 (Part-1) 1985 (RA:2019) | |

[&]quot;represent the information provided by the customer.

Chemist in Charge Date: 21/3/2024

Sital Singh (CEO) (Authorized Signatory) Date: 1280004

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Website: www.cpti.co.in

Format No. CPTLF7.8-I(A)

REPORTING DATE: 20-03-2024

TEST CERTIFICATE

REPORT No. CPTL/2024/03/39(A) NAME OF INDUSTRY:

M/s. AMBUJA CEMENT LTD.,

(UNIT-ROPAR), VILL.-DABURJI, P.O.-LODHIMAJRA,

DISTT,- ROPAR.

SAMPLE PARTICULARS

CPTLF 7.3-1 Sampling Plan Ref No.: Type of Sample: Stack Air Emission Point of Sample: Sampling Method: CPTL/SM/01 From Port Hole On Stack 16-03-2024 Date of Sample Collection: **Environmental Conditions:** Normal Date of Sample Received in Lab.: 16-03-2024 Analysis Duration: 16-03-2024 to 20-03-2024 Sample Identification No.: CPTL/2024/03/39(A) Sample Collected By: Naviot Singh & Team

| | re of Sample: | Air Sample | | ted by: Navjot Singh & 16 | |
|--------|----------------------------|------------|---|----------------------------------|--|
| 31/100 | | TEC | HNICAL DATA | | |
| 1. | Name of Plant/Section | | Stack 51A-BC-01 | to 51A-BC-04 | |
| 2. | Source of Emission | | Process Emission | | |
| 3. | *Type Of Fuel/Quantity | | NA As per Standard | | |
| 4. | Location of Sampling Point | | | | |
| 5. | | | 1.12 meter (Top); 1.12 meter (Bottom) 6.6 meter from Ground level | | |
| 6. | | | | | |
| 7. | Sampling Time | | 35.0 minutes | | |
| 8. | Ambient Air Temperature | | 22.2°C | | |
| 9. | Stack Air Temperature | | 22.9°C | | |
| 10. | Velocity of Flue Gases | | 9.81 m/sec | | |
| 11. | *APCD | | Bag Filter | | |
| | PARAMETERS | RESULTS | PRESCRIBED STANDARD BY CPCB | TEST METHOD | |
| Part | iculate Matter (PM) mg/Nm3 | 23.8 | 30.0 | IS:11255 (Part-1) 1985 (RA:2019) | |

^{*}represent the information provided by the customer.

Sital Singh (CEO) (Authorized Signate Date:

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Sample will be destroyed after retention time unless otherwise specified.



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Website: www.cptl.co.in

TEST CERTIFICATE

Formut No. CPTLF7.8-I(A) REPORTING DATE: 20-03-2024

REPORT No. CPTL/2024/03/36(A) NAME OF INDUSTRY:

M/s. AMBUJA CEMENT LTD.,

(UNIT-ROPAR), VILL.-DABURJI, P.O.-LODHIMAJRA,

DISTT.- ROPAR.

SAMPLE PARTICULARS

Sampling Plan Ref No.: Sampling Method: Date of Sample Collection: Date of Sample Received in Lab.:

CPTLF 7.3-I CPTL/SM/01 16-03-2024 16-03-2024

Type of Sample: Point of Sample: Environmental Conditions: Analysis Duration:

Stack Air Emission From Port Hole On Stack Normal 16-03-2024 to 20-03-2024

| | ure of Sample: | PTL/2024/03/36(A) Air Sample | | ected By: | Navjot Singh & Team |
|-------|----------------------------|---------------------------------|---------------------------------------|---------------------|---------------------|
| | | | HNICAL DATA | | |
| 1. | Name of Plant/Section | | Stack of Clinker I | Loading Point no.2 | |
| 2. | Source of Emission | | Process Emission | | |
| 3. | *Type Of Fuel/Quantity | | NA | | |
| 4. | Location of Sampling Point | | As per Standard | | |
| 5. | *Diameter of Stack | | 1.12 meter (Top); 1.12 meter (Bottom) | | |
| 6. | *Height of Stack | | 17.0 meter from Ground level | | |
| 7. | Sampling Time | | 35.0 minutes | | |
| 8. | Ambient Air Temperature | | 22.4°C | | |
| 9. | Stack Air Temperature | | 22.9°C | | |
| 10. | Velocity of Flue Gases | | 8.17 m/sec | | |
| 11. | | | Bag Filter | | |
| | PARAMETERS | RESULTS | PRESCRIBED STANDARD BY CPCB | TEST METHOD | |
| Parti | culate Matter (PM) mg/Nm3 | 22.4 | 30.0 | IS:11255 (Part-1) 1 | 985 (RA:2019) |

*represent the information provided by the customer.

2027

Sital Singh (CEO) (Authorized Signatory) Date:

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TEST CERTIFICATE



Format No. CPTLF7.8-I(A) REPORTING DATE: 21-03-2024

REPORT No. CPTL/2024/03/55(A)
NAME OF INDUSTRY:

M/s. AMBUJA CEMENT LTD.,

(UNIT-ROPAR), VILL.-DABURJI, P.O.-LODHIMAJRA,

DISTT.- ROPAR.

SAMPLE PARTICULARS

Sampling Plan Ref No.: CPTLF 7.3-1 Type of Sample: Stack Air Emission
Sampling Method: CPTL/SM/01 Point of Sample: From Port Hole On Stack
Date of Sample Collection: 17-03-2024 Environmental Conditions: Normal
Date of Sample Received in Lab.: 18-03-2024 Analysis Duration: 18-03-2024 to 21-03-2024
Sample Identification No.: CPTL/2024/03/55(A) Sample Collected By: Navjot Singh & Team

| Date | of Sample Received in Lab.; ple Identification No.: CP ure of Sample: | 18-03-2024 18-03-2024 TL/2024/03/55(A) Air Sample | Analysis Dur Sample Colle | | |
|-------|---|--|---------------------------------------|----------------------------------|--|
| | | TEC | HNICAL DATA | | |
| 1. | Name of Plant/Section | | Stack of Clinker I | .oading Point no.1 | |
| 2. | Source of Emission | | Process Emission | | |
| 3. | *Type Of Fuel/Quantity | | NA | | |
| 4. | Location of Sampling Point | | As per Standard | | |
| 5. | *Diameter of Stack | | 1.12 meter (Top); 1.12 meter (Bottom) | | |
| 6. | *Height of Stack | | 17.0 meter from Ground level | | |
| 7. | Sampling Time | | 35.0 minutes | | |
| 8. | Ambient Air Temperature | | 23.6°C | | |
| 9. | Stack Air Temperature | | 24.2°C | | |
| 10. | Velocity of Flue Gases | 1200 000 | 9.8 m/sec | | |
| 11. | 11. *APCD | | Bag Filter | | |
| | PARAMETERS | RESULTS | PRESCRIBED STANDARD BY CPCB | TEST METHOD | |
| Parti | culate Matter (PM) mg/Nm3 | 21.8 | 30.0 | IS:11255 (Part-1) 1985 (RA:2019) | |

^{*}represent the information provided by the customer.

Chemist in Charge Date: 21/3/2017

Sital Singh (CEO) (Authorized Signatory) Date:

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TEST CERTIFICATE



REPORT No. CPTL/2024/03/67a(A)

NAME OF INDUSTRY:

M/s, AMBUJA CEMENT LTD.,

(UNIT-ROPAR), VILL.-DABURJI, P.O.-LODHIMAJRA,

DISTT.- ROPAR.

SAMPLE PARTICULARS

Sampling Plan Ref No.: CPTLF 7.3-1 Type of Sample: Sampling Method: CPTL/SM/01 Point of Sample: Date of Sample Collection: 18-03-2024 **Environmental Conditions:** Date of Sample Received in Lab.: 18-03-2024 Analysis Duration: Sample Identification No

Stack Air Emission From Port Hole On Stack Normal 18-03-2024 to 21-03-2024

| Nat | mple Identification No.: ture of Sample: | CPTL/2024/03/67(A) Air Sample | Sample Collected By: | 18-03-2024 to 21-03-2024 Navjot Singh & Team |
|-----|---|----------------------------------|--|---|
| | | TECHN | NICAL DATA | |
| 1. | Name of Plant/Section | 0 | old Clinker Tippler Stack-02 | |
| 2. | Source of Emission | | rocess Emission | |
| 3. | *Type Of Fuel/Quantity | N | Control of the Contro | |
| 4. | Location of Sampling Po | * . | s per Standard | |
| 5. | *Diameter of Stack | | | |
| 6. | *Height of Stack | | 0 meter (Top); 1.0 meter (Bottom) | |
| 7. | Sampling Time | | 7.0 meter from Ground level | |
| 8. | Ambient Air Temperatur | (A) | i.0 minutes | Approximately and the second |
| 9. | Stack Air Temperature | | 6.6°C | |
| 10. | Velocity of Flue Gases | | .1°C | |
| 11. | *APCD | | 34 m/sec | |
| | 111 6/19 | D. | or Hause | |

STANDARD BY **CPCB** Particulate Matter (PM) mg/Nm3 23.6 30.0 IS:11255 (Part-1) 1985 (RA:2019)

RESULTS

Bag House

PRESCRIBED

TEST METHOD

PARAMETERS

Date: 2

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Formut No. CPTLF7.8-I(A) REPORTING DATE: 21-03-2024

REPORT No. CPTL/2024/03/66a(A) NAME OF INDUSTRY:

M/s. AMBUJA CEMENT LTD.,

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DISTT.- ROPAR.

SAMPLE PARTICULARS

| Sar Dat Dat San | mpling Plan Ref No.: mpling Method: te of Sample Collection: te of Sample Received in Lab.; mple Identification No.: Citure of Sample: | CPTLF 7.3-I CPTL/SM/01 18-03-2024 18-03-2024 PTL/2024/03/66(A) Air Sample | Type of Sample: Point of Sample: Environmental Conditions: Analysis Duration: Sample Collected By: | Stack Air Emission From Port Hole On Stack Normal 18-03-2024 to 21-03-2024 Navjot Singh & Team |
|--------------------------|--|--|--|--|
| | | TECHN | ICAL DATA | |
| 1. | Name of Plant/Section | 0 | ld Clinker Tippler Stack-01 | |
| 2. | Source of Emission | | modes liminolou | |

| 1. | Name of Plant/Section | | Old Clinker Tippl | ler Stack-01 | |
|-----|----------------------------|---------|-------------------------------------|--------------|--|
| 2. | Source of Emission | | Process Emission | | |
| 3. | *Type Of Fuel/Quantity | | NA | | |
| 4. | Location of Sampling Point | | As per Standard | | |
| 5. | *Diameter of Stack | | 1.0 meter (Top); 1.0 meter (Bottom) | | |
| 6. | *Height of Stack | | 17.0 meter from Ground level | | |
| 7. | Sampling Time | | 35.0 minutes | | |
| 8. | Ambient Air Temperature | | 23.6°C | | |
| 9. | Stack Air Temperature | | 23.8°C | | |
| 10. | Velocity of Flue Gases | | 9.19 m/sec | | |
| 11. | 7.00 | | Bag House | | |
| | PARAMETERS | RESULTS | PRESCRIBED | TEST METHOD | |

| | | STANDARD BY CPCB | TEST METHOD |
|--------------------------------|------|--|----------------------------------|
| Particulate Matter (PM) mg/Nm3 | 20.8 | And the latest and th | |
| , y mg mi | 20.0 | 30.0 | IS:11255 (Part-1) 1985 (RA:2019) |

^{*}represent the information provided by the customer.

Sital Singh (CEO) (Authorized Signatory)

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TEST CERTIFICATE



Format No. CPILF7.8-I(A) REPORTING DATE: 20-03-2024

REPORT No. CPTL/2024/03/42a(A) NAME OF INDUSTRY:

M/s. AMBUJA CEMENT LTD.,

(UNIT-ROPAR), VILL, DABURJI, P.O.-LODHIMAJRA,

DISTT.- ROPAR.

SAMPLE PARTICULARS

Sampling Plan Ref No.: CPTLF 7.3-1 Sampling Method: CPTL/SM/01 Date of Sample Collection: 16-03-2024 Date of Sample Received in Lab.: Sample Identification No.:

16-03-2024 CPTL/2024/03/42(A) Air Car

Type of Sample: Stack Air Emission Point of Sample: From Port Hole On Stack **Environmental Conditions:**

Analysis Duration: Sample Collected By:

Normal 16-03-2024 to 20-03-2024 Navjot Singh & Team

| | ure of Sample: | Air Sample | | ected By: | Navjot Singh & Team |
|--------|----------------------------|------------|---|-------------------|---------------------|
| | | | CHNICAL DATA | | |
| 1. | Name of Plant/Section | | New Clinker Tippler Stack No2 | | |
| 2. | Source of Emission | | Process Emission | | |
| 3. | *Type Of Fuel/Quantity | | NA | | |
| 4. | Location of Sampling Point | | As per Standard | | |
| 5. | *Diameter of Stack | | 1.12 meter (Top); 1.12 meter (Bottom) 17.0 meter from Ground level | | |
| 6. | *Height of Stack | | | | |
| 7. | Sampling Time | | 40.0 minutes | | |
| 8. | Ambient Air Temperature | | 22.2°C 22.8°C 9.6 m/sec | | |
| 9. | Stack Air Temperature | | | | |
| 10. | Velocity of Flue Gases | | | | |
| 11. | *APCD | | | | |
| | | | Bag Filter | | |
| D. d | PARAMETERS | RESULTS | PRESCRIBED STANDARD BY CPCB | TEST METHOD | |
| Partic | culate Matter (PM) mg/Nm3 | 23.6 | 30.0 | IS:11255 (Part-1) | 1985 (RA:2019) |

^{*}represent the information provided by the customer.

Date:

Sital Singh (CEO) (Authorized Signal Dater

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TEST CERTIFICATE



Format No. CPTLF7.8-I(A) REPORTING DATE: 20-03-2024

REPORT No. CPTL/2024/03/41(A) NAME OF INDUSTRY:

M/s. AMBUJA CEMENT LTD.,

(UNIT-ROPAR), VILL, DABURJI, P.O.-LODHIMAJRA,

DISTT .- ROPAR.

SAMPLE PARTICULARS Sampling Plan Ref No.: CPTLF 7.3-1 Type of Sample:

Sampling Method: CPTL/SM/01 Date of Sample Collection: 16-03-2024 Date of Sample Received in Lab.: 16-03-2024 mple Identification No.

CPTL/2024/03/41(A)

Point of Sample: Environmental Conditions: Analysis Duration:

Stack Air Emission From Port Hole On Stack Normal 16-03-2024 to 20-03-2024 Naviot Singh & Te

| Nat | nple Identification No.: C ture of Sample: | PTL/2024/03/41(A Air Sample |) Sample Coll | ration: 16-03-2024 to 20-03-202 lected By: Navjot Singh & Tea | |
|--------|---|--------------------------------|---------------------------------------|---|--|
| - | | | HNICAL DATA | | |
| 1. | Name of Plant/Section | | New Clinker Tip | plan Ct1. N. | |
| 2. | Source of Emission | | | | |
| 3. | *Type Of Fuel/Quantity | | Process Emission | | |
| 4. | Location of Sampling Point | | NA | | |
| 5. | | | As per Standard | | |
| 100 | *Diameter of Stack | | 1.12 meter (Top); 1.12 meter (Bottom) | | |
| 6. | *Height of Stack | | 17.0 meter (Follom) | | |
| 7. | Sampling Time | | 17.0 meter from Ground level | | |
| 8. | Ambient Air Temperature | | 35.0 minutes | | |
| 9. | | | 22.4°C 22.9°C | | |
| 10. | Stack Air Temperature | | | | |
| | Velocity of Flue Gases | | 8.6 m/sec Bag Filter | | |
| 11. | *APCD | | | | |
| | PARAMETERS | RESULTS | PRESCRIBED STANDARD BY | TEST METHOD | |
| Partic | culate Matter (PM) mg/Nm3 | 23.8 | CPCB | | |
| | ,,g/1111 | 43.8 | 30.0 | IS:11255 (Part-1) 1985 (RA:2019) | |

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Sital Singh (CEO) (Authorized Signator)

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REPORT No. CPTL/2024/03/62a(A)

NAME OF INDUSTRY:



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Format No. CPTLF7.8-I(A) REPORTING DATE: 21-03-2024

M/s. AMBUJA CEMENT LTD.,

(UNIT-ROPAR), VILL.-DABURJI, P.O.-LODHIMAJRA,

DISTT.- ROPAR.

SAMPLE PARTICULARS

| Sampling Plan Ref No.: CPTLF 7.3-1 Sampling Method: CPTL/SM/01 Date of Sample Collection: 18-03-2024 Date of Sample Received in Lab.: 18-03-2024 Sample Identification No.: CPTL/2024/03/62(A) Nature of Sample: Air Sample | Type of Sample: Point of Sample: Environmental Conditions: Analysis Duration: Sample Collected By: | Stack Air Emission From Port Hole On Stack Normal 18-03-2024 to 21-03-2024 Navjot Singh & Team |
|---|--|--|
|---|--|--|

| | | TE | CHNICAL DATA | |
|-------|----------------------------|---------|---------------------------------------|----------------------------------|
| 1. | Name of Plant/Section | | Stack-2 of Packer no-4 | |
| 2. | Source of Emission | | Process Emission | |
| 3. | *Type Of Fuel/Quantity | | NA | |
| 4. | Location of Sampling Point | | As per Standard | |
| 5. | *Diameter of Stack | | 0.91 meter (Top); 0.91 meter (Bottom) | |
| 6. | *Height of Stack | | 35.0 meter from Ground level | |
| 7. | Sampling Time | | 35.0 minutes | |
| 8. | Ambient Air Temperature | | 22.6°C 23.5°C 8.31 m/sec | |
| 9. | Stack Air Temperature | | | |
| 10. | Velocity of Flue Gases | | | |
| 11. | 111 015 | | Bag Filter | |
| D | PARAMETERS | RESULTS | PRESCRIBED STANDARD BY CPCB | TEST METHOD |
| rarti | culate Matter (PM) mg/Nm3 | 22.4 | 30.0 | IS:11255 (Part-1) 1985 (RA:2019) |

^{*}represent the information provided by the customer.

Date: 21/3/2024

Sital Singh (CEO) (Authorized Signatory) Date:

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REPORTING DATE: 21-03-2024

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Website: www.cptl.co.in

Lab

TEST CERTIFICATE



REPORT No. CPTL/2024/03/61a(A)

NAME OF INDUSTRY:

M/s. AMBUJA CEMENT LTD.,

(UNIT-ROPAR), VILL, DABURJI, P.O.-LODHIMAJRA,

DISTT.- ROPAR.

SAMPLE PARTICULARS

Sampling Plan Ref No.: CPTLF 7.3-I Sampling Method: CPTL/SM/01 Date of Sample Collection: 18-03-2024 Date of Sample Received in Lab.: 18-03-2024 Sample Identification No.:

Point of Sample: **Environmental Conditions:** Analysis Duration:

Type of Sample:

Sample Collected By:

Stack Air Emission From Port Hole On Stack Normal 18-03-2024 to 21-03-2024 Navjot Singh & Team

CPTL/2024/03/61(A) Nature of Sample: Air Sample

| | N. COL | 1.6 | CHNICAL DATA | | |
|-------------------------------------|----------------------------|-----------------------------------|----------------------------------|---------------------|--|
| 1. | Name of Plant/Section | | Stack-1 of Packer no-4 | | |
| 2. | Source of Emission | | Process Emission | | |
| 3. | *Type Of Fuel/Quantity | | NA | | |
| 4. | Location of Sampling Point | CE I EN LIVE | As per Standard | | |
| 5. | *Diameter of Stack | | 0.86 meter (Top) | 0.86 meter (Bottom) | |
| 6. | *Height of Stack | | 35.0 meter from Ground level | | |
| 7. | Sampling Time | | 35.0 minutes | | |
| 8. | Ambient Air Temperature | | 22.4°C | | |
| 9. | Stack Air Temperature | | 23.8°C 8.60 m/sec | | |
| 10. | Velocity of Flue Gases | | | | |
| 11. | *APCD | | Bag Filter | | |
| Particulate Matter (PM) mg/Nm³ 22.8 | | PRESCRIBED STANDARD BY CPCB | TEST METHOD | | |
| | | 30.0 | IS:11255 (Part-1) 1985 (RA:2019) | | |

^{*}represent the information provided by the customer.

Date: 21 3/2024

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Lab

TEST CERTIFICATE



Format No. CPTLF7.8-I(A) REPORTING DATE; 21-03-2024

REPORT No. CPTL/2024/03/60a(A)
NAME OF INDUSTRY:

Nature of Sample:

M/s. AMBUJA CEMENT LTD.,

(UNIT-ROPAR), VILL.-DABURJI, P.O.-LODHIMAJRA,

DISTT.- ROPAR.

SAMPLE PARTICULARS

Sampling Plan Ref No.: CPTLF 7.3-1 Type of Sample: Stack Air Emission Sampling Method: CPTL/SM/01 Point of Sample: From Port Hole On Stack Date of Sample Collection: 18-03-2024 Environmental Conditions: Normal Date of Sample Received in Lab.: 18-03-2024 Analysis Duration: 18-03-2024 to 21-03-2024 Sample Identification No.: CPTL/2024/03/60(A) Sample Collected By: Navjot Singh & Team

Air Sample

21.4

| | | TEC | CHNICAL DATA | |
|--------------------|----------------------------|-----------------------------------|---------------------------------------|--|
| 1. | Name of Plant/Section | | Stack-2 of Packer no-3 | |
| 2. | Source of Emission | | Process Emission | |
| 3. | *Type Of Fuel/Quantity | | NA | |
| 4. | Location of Sampling Point | and the second | As per Standard | |
| 5. | *Diameter of Stack | | 0.74 meter (Top); 0.74 meter (Bottom) | |
| б. | *Height of Stack | | 35.0 meter from Ground level | |
| 7. | Sampling Time | | 35.0 minutes | |
| 8. | Ambient Air Temperature | | 22.2°C | |
| 9. | Stack Air Temperature | | 23.6°C | |
| 10. | Velocity of Flue Gases | | 8.82 m/sec | |
| 11. | *APCD | | Bag Filter | |
| PARAMETERS RESULTS | | PRESCRIBED STANDARD BY CPCB | TEST METHOD | |

30.0

*represent the information provided by the customer.

Particulate Matter (PM) mg/Nm3

Chemist in Charge Date: 21/3/2027

Sital Singh (CEO) (Authorized Signatory)

IS:11255 (Part-1) 1985 (RA:2019)

· The results are related to test items only.

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REPORT No. CPTL/2024/03/59a(A)

NAME OF INDUSTRY:



H.O. Lab

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E-mail: cptie126@gmail.com; lab@cpti.co.in

Website: www.cptl.co.in

TEST CERTIFICATE



REPORTING DATE: 21-03-2024 M/s, AMBUJA CEMENT LTD.,

(UNIT-ROPAR), VILL.-DABURJI, P.O.-LODHIMAJRA,

DISTT.- ROPAR.

SAMPLE PARTICULARS

| le: From Port Hole al Conditions: 18-03-2024 to 2 rited By: Navjot Single | Normal 21-03-2024 |
|---|----------------------|
| 100 | Navjot Sing |

| Nat | ure of Sample: | Air Sample | | Navjot Singh & Ter | |
|---|----------------------------|-----------------------------------|--|--------------------|--|
| | | | CHNICAL DATA | | |
| 1. | Name of Plant/Section | | Stack-1 of Packer | no-3 | |
| 2. | Source of Emission | | Process Emission | | |
| 3. | *Type Of Fuel/Quantity | | NA | | |
| 4. | Location of Sampling Point | | As per Standard | | |
| 5. | *Diameter of Stack | | | 1.0 | |
| 5. | *Height of Stack | | 1.0 meter (Top); 1.0 meter (Bottom) 35.0 meter from Ground level | | |
| 7. | Sampling Time | | 35.0 minutes | | |
| | Ambient Air Temperature | | 23.6°C | | |
| | Stack Air Temperature | | 23.8°C | | |
| 0. | Velocity of Flue Gases | | | | |
| 1. | *APCD | | 8.8 m/sec | | |
| PARAMETERS RESULTS | | Bag Filter | | | |
| | | PRESCRIBED STANDARD BY CPCB | TEST METHOD | | |
| Particulate Matter (PM) mg/Nm ³ 21.6 | | 30.0 | IS:11255 (Part-1) 1985 (RA:2019) | | |

^{*}represent the information provided by the customer.

Date: 21 3 2024

Sital Singh (CEO) (Authorized Signatory) Date:

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TEST CERTIFICATE



REPORT No. CPTL/2024/03/56(A)

NAME OF INDUSTRY: M/s. AMBUJA CEMENT LTD.,

REPORTING DATE: 21-03-2024 (UNIT-ROPAR), VILL, DABURJI, P.O.-LODHIMAJRA,

DISTT,- ROPAR.

SAMPLE PARTICULARS

Sampling Plan Ref No.: CPTLF 7.3-I Sampling Method: CPTL/SM/01 Date of Sample Collection: 17-03-2024 Date of Sample Received in Lab.: 18-03-2024 Sample Identification No.: CPTL/2024/03/56(A)

Type of Sample: Stack Air Emission Point of Sample: From Port Hole On Stack Environmental Conditions: Normal Analysis Duration: 18-03-2024 to 21-03-2024 Sample Collected By:

| | ure of Sample: | CPTL/2024/03/56(A) Air Sample | | ected By: | Navjot Singh & Team |
|---|--|----------------------------------|--|-----------------|---------------------|
| | | TEC | HNICAL DATA | | |
| 1. | Name of Plant/Section | | Stack-1 of Packer no-1 & 2 | | |
| 2. | Source of Emission | | Process Emission | | |
| 3. | *Type Of Fuel/Quantity | | NA NA | | and the second |
| 4, | Location of Sampling Poin | ıt | The state of the s | | |
| 5. | *Diameter of Stack | | As per Standard | | |
| 6. | | | 1.25 meter (Top); 1.25 meter (Bottom) | | |
| 7 | - Control of the Cont | | 38.5 meter from Ground level | | |
| 8. | Samping Time | | 35.0 minutes | | |
| 9. | Ambient Air Temperature | | 23.4°C 24.6°C 8.6 m/sec | | |
| 10. | Stack Air Temperature | | | | |
| | Velocity of Flue Gases | | | | |
| 11. | 1.1.00 | | Bag Filter | | |
| Dout! | PARAMETERS | RESULTS | PRESCRIBED STANDARD BY CPCB | TEST METHOD | |
| Particulate Matter (PM) mg/Nm ³ 21.2 | | 21.2 | 30.0 | IS:11255 (Part- | -1) 1985 (RA:2019) |

^{*}represent the information provided by the customer.

Sital Singh (CEO) (Authorized Signatory) Date:

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Format No. CPTLF7.8-I(A) REPORTING DATE: 21-03-2024

REPORT No. CPTL/2024/03/58a(A) NAME OF INDUSTRY:

M/s. AMBUJA CEMENT LTD.,

(UNIT-ROPAR), VILL-DABURJI, P.O.-LODHIMAJRA,

DISTT.- ROPAR.

SAMPLE PARTICULARS

| Sampling Plan Ref No.: Sampling Method: Date of Sample Collection: Date of Sample Received in Lab | CPTLF 7.3-1 CPTL/SM/01 17-03-2024 : 18-03-2024 | Type of Sample: Point of Sample: Environmental Conditions: Analysis Duration: | Stack Air Emission From Port Hole On Stack Normal |
|--|---|---|---|
| Sample Identification No.: Nature of Sample: | CPTL/2024/03/58(A) Air Sample | Sample Collected By: | 18-03-2024 to 21-03-2024 Navjot Singh & Team |
| | 700,000 | TRACE A R. TO. A CO. A | |

| - 8. | Sec. | ar. | 311 | -176.64 | 27/2 | 1.7% |
|------|------|-----|-----|---------|------|------|
| | | | | | | |
| | - | - | - | | | |

| I. | Name of Plant/Section | | Stack of Packer no | 0-2 |
|--------------------|----------------------------|-----------------------------------|-------------------------------------|--|
| 2. | Source of Emission | | Process Emission | |
| 3. | *Type Of Fuel/Quantity | | NA | |
| 4. | Location of Sampling Point | | As per Standard | |
| 5. | *Diameter of Stack | | 1.0 meter (Top); 1.0 meter (Bottom) | |
| 6. | *Height of Stack | | 35.0 meter from Ground level | |
| 7. | Sampling Time | | 35.0 minutes | |
| 8. | Ambient Air Temperature | | 23.2°C | |
| 9. | Stack Air Temperature | | 23.8°C | A STATE OF THE STA |
| 10. | Velocity of Flue Gases | | 9.58 m/sec | |
| 11. | *APCD | CD | | |
| PARAMETERS RESULTS | | PRESCRIBED STANDARD BY CPCB | TEST METHOD | |

30.0

21.8

*represent the information provided by the customer.

Particulate Matter (PM) mg/Nm3

Sital Singh (CEO) (Authorized Signatory

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TEST CERTIFICATE

REPORT No. CPTL/2024/03/57a(A) NAME OF INDUSTRY:

M/s. AMBUJA CEMENT LTD.,

(UNIT-ROPAR), VILL, DABURJI, P.O.-LODHIMAJRA,

DISTT.- ROPAR.

SAMPLE PARTICULARS Sampling Plan Ref No.: CPTLF 7.3-1 Type of Sample: Sampling Method: CPTL/SM/01 Point of Sample:

Stack Air Emission From Port Hole On Stack

Format No. CPTLF7.8-I(A)

REPORTING DATE: 21-03-2024

| Dat San | te of Sample Collection: te of Sample Received in Lab.: nple Identification No.: CF ture of Sample: | 17-03-2024 18-03-2024 TL/2024/03/57(A) Air Sample | Analysis Dur Sample Colle | tal Conditions: Normal Normal 18-03-2024 to 21-03-202 | |
|--------------------|--|--|-------------------------------------|---|--|
| | | | HNICAL DATA | | |
| 1. | Name of Plant/Section | | Stack of Packer n | 0-1 | |
| 2. | Source of Emission | | Process Emission | | |
| 3. | *Type Of Fuel/Quantity | | NA | | |
| 4. | Location of Sampling Point | | As per Standard | | |
| 5. | *Diameter of Stack | | 1.0 meter (Top); 1.0 meter (Bottom) | | |
| 6. | "Height of Stack | | 35.0 meter from Ground level | | |
| 7. | Sampling Time | | 35.0 minutes | | |
| 8. | Ambient Air Temperature | | 23,9°C | | |
| 9. | Stack Air Temperature | | 24.8°C | | |
| 10. | Velocity of Flue Gases | | 8.8 m/sec | | |
| 11. | The state of the s | | Bag Filter | | |
| PARAMETERS RESULTS | | PRESCRIBED STANDARD BY CPCB | TEST METHOD | | |
| Parti | Particulate Matter (PM) mg/Nm ³ 23.2 | | 30.0 | IS:11255 (Part-1) 1985 (RA:2019) | |

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Sital Singh (CEO) (Authorized Signatory)

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Format No. CPTLF7.8-I(A) REPORTING DATE: 21-03-2024

REPORT No. CPTL/2024/03/54(A) NAME OF INDUSTRY:

M/s. AMBUJA CEMENT LTD.,

(UNIT-ROPAR), VILL, DABURJI, P.O.-LODHIMAJRA,

DISTT.- ROPAR.

SAMPLE PARTICULARS Sampling Plan Ref No.: CPTLF 7.3-1 Type of Sample: Stack Air Emission Sampling Method: CPTL/SM/01 Point of Sample: From Port Hole On Stack Date of Sample Collection: 17-03-2024 **Environmental Conditions:**

| San | e of Sample Received in Lab.: uple Identification No.: CF ure of Sample: | 18-03-2024 TL/2024/03/54(A) Air Sample | Analysis Dur Sample Colle | ration: ected By: | Normal 18-03-2024 to 21-03-2024 Navjot Singh & Team |
|---|--|--|---------------------------------------|----------------------|---|
| | | TEC | HNICAL DATA | | |
| 1. | Name of Plant/Section | | Stack-1 of Cemen | t Mill-4 (Hopper | Stack) |
| 2. | Source of Emission | | Process Emission | | |
| 3. | *Type Of Fuel/Quantity | | NA | | |
| 4. | Location of Sampling Point | | As per Standard | | |
| 5. | *Diameter of Stack | | 0.46 meter (Top); 0.46 meter (Bottom) | | |
| 6. | *Height of Stack | | 33.0 meter from Ground level | | |
| 7. | Sampling Time | | 35.0 minutes | | |
| 8. | Ambient Air Temperature | | 23.2°C | | |
| 9. | Stack Air Temperature | | 23.8°C | | |
| 10. | | | 9.80 m/sec | | |
| 11. | The state of the s | | Bag Filter | | |
| PARAMETERS RESULTS | | PRESCRIBED STANDARD BY CPCB | TEST METHOI | 2 | |
| Particulate Matter (PM) mg/Nm ³ 24.3 | | 24.3 | 30.0 | IS:11255 (P | art-1) 1985 (RA:2019) |

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Situl Singh (CEO) (Authorized Signatory Date:

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Format No. CPTLF7.8-I(A) REPORTING DATE:21-03-2024

REPORT No. CPTL/2024/03/53(A) NAME OF INDUSTRY:

M/s. AMBUJA CEMENT LTD.,

(UNIT-ROPAR), VILL.-DABURJI, P.O.-LODHIMAJRA,

DISTT.- ROPAR.

SAMPLE PARTICULARS

| Stack Air Emission From Port Hole On Staci Norma 18-03-2024 to 21-03-2024 Navjot Singh & Team | |
|---|--|
| | |
| | |
| | |
| om)3- | |

| 13 14 | Transcor Francisco (10) | | Cement Mill No. | -3 (Hopper Stack) |
|-------|----------------------------|---------|--|-----------------------|
| 2. | Source of Emission | | Process Emission | |
| 3. | *Type Of Fuel/Quantity | | NA NA | |
| 4. | Location of Sampling Point | | | |
| 5. | *Diameter of Stack | | As per Standard 0.46 meter (Top); 0.46 meter (Bottom) | |
| 6. | *Height of Stack | | 33.0 meter (10p) | ; 0.46 meter (Bottom) |
| 7. | Sampling Time | | 33.0 meter from Ground level 35.0 minutes | |
| 8. | Ambient Air Temperature | | 22.2°C | |
| 9. | Stack Air Temperature | | 22.8°C | |
| 10. | Velocity of Flue Gases | | 9.9 m/sec | |
| 11. | *APCD | | Bag Filter | |
| | PARAMETERS | RESULTS | PRESCRIBED STANDARD BY | TEST METHOD |

CPCB

30.0

22.4

| *represent the information | provided by the costomer |
|----------------------------|--------------------------|
| relacacing the infollation | provided by the customer |

Particulate Matter (PM) mg/Nm3

Chemis

Sital Singh (CEO) (Authorized Signator Date:

IS:11255 (Part-1) 1985 (RA:2019)

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Lab



TEST CERTIFICATE

Format No. CPTLF7.8-I(A) REPORTING DATE: 20-03-2024

REPORT No. CPTL/2024/03/37(A) NAME OF INDUSTRY:

M/s. AMBUJA CEMENT LTD.,

(UNIT-ROPAR), VILL.-DABURJI, P.O.-LODHIMAJRA,

DISTT.- ROPAR.

SAMPLE PARTICULARS

| Marine State Commission Commissio | 200,000,000,000,000 | A A A C C E A A A A A A A A A A A A A A | |
|--|---------------------|---|--------------------------|
| Sampling Plan Ref No.: | CPTLF 7,3-1 | Type of Sample: | Stack Air Emission |
| Sampling Method: | CPTL/SM/01 | Point of Sample: | From Port Hole On Stack |
| Date of Sample Collection: | 16-03-2024 | Environmental Conditions: | Normal |
| Date of Sample Received in Lab. | : 16-03-2024 | Analysis Duration: | 16-03-2024 to 20-03-2024 |
| Sample Identification No.: | CPTL/2024/03/37(A) | Sample Collected By: | Navjot Singh & Team |
| Nature of Sample: | Air Sample | | reador smilli ec Tenni |

| Nati | ure of Sample: | Air Sample | i sample cone | red by: Navjot Singh & Telin | |
|------|----------------------------|------------|---------------------------------------|----------------------------------|--|
| | Michigan Company | TEC | CHNICAL DATA | | |
| 1. | Name of Plant/Section | | Cement Steel Silo | | |
| 2. | Source of Emission | | Process Emission | | |
| 3. | *Type Of Fuel/Quantity | | NA As per Standard | | |
| 4. | Location of Sampling Point | | | | |
| 5. | *Diameter of Stack | | 0.80 meter (Top); 0.80 meter (Bottom) | | |
| 6. | *Height of Stack | | 39.2 meter from Ground level | | |
| 7. | Sampling Time | | 35.0 minutes | | |
| 8. | Ambient Air Temperature | | 21.7°C | | |
| 9. | Stack Air Temperature | | 22.4°C | | |
| 10. | , storing of the Gastes | | 9.78 m/sec | | |
| 11. | | | Bag Filter | | |
| | PARAMETERS RESULTS | | PRESCRIBED STANDARD BY CPCB | TEST METHOD | |
| Part | iculate Matter (PM) mg/Nm3 | 23.8 | 30.0 | IS:11255 (Part-1) 1985 (RA-2019) | |

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Sital Singh (CEO) (Authorized Signator

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Format No. CPTLF7.8-I(A) REPORTING DATE: 21-03-2024

REPORT No. CPTL/2024/03/52(A)

NAME OF INDUSTRY:

M/s. AMBUJA CEMENT LTD.,

(UNIT-ROPAR), VILL,-DABURJI, P.O.-LODHIMAJRA,

DISTT.- ROPAR.

SAMPLE PARTICULARS

| Sampling Plan Ref No.: Sampling Method: Date of Sample Collection: | CPTLF 7.3-I CPTL/SM/01 | Type of Sample: Point of Sample: | Stack Air Emission From Port Hole On Stack |
|--|---------------------------|-------------------------------------|---|
| Date of Sample Received in Lab.: | 17-03-2024 | Environmental Conditions: | Normal |
| | 18-03-2024 | Analysis Duration: | 18-03-2024 to 21-03-2024 |
| | CPTL/2024/03/52(A) | Sample Collected By: | Navjot Singh & Team |

| Sample Identification No.: 18-03-2024 Sample Identification No.: CPTL/2024/03/52(A) Nature of Sample: Air Sample | | |) Sample Colle | | 18-03-2024 to 21-03-2024 Navjot Singh & Team |
|--|----------------------------|-------------|---------------------------------------|----------------------|---|
| | | TEC | CHNICAL DATA | | |
| 1. | Name of Plant/Section | | Stack of Bulker L | oading | |
| 2. | Source of Emission | | Process Emission | | |
| 3. | *Type Of Fuel/Quantity | | NA | | |
| 4. | Location of Sampling Point | | As per Standard | | |
| 5. | *Diameter of Stack | 10-17-1-10- | 1.09 meter (Top); 1.09 meter (Bottom) | | |
| 6. | *Height of Stack | | 35.0 meter from Ground level | | |
| 7. | Sampling Time | | 35.0 minutes | | |
| 8. | Ambient Air Temperature | | 22.8°C | | |
| 9. | Stack Air Temperature | | 23.6°C | | |
| 10. | Velocity of Flue Gases | | 8.0 m/sec | | |
| 11. | *APCD | | Bag Filter | | |
| | PARAMETERS | RESULTS | PRESCRIBED STANDARD BY CPCB | TEST METHOD | |
| Particulate Matter (PM) mg/Nm ³ 21.8 | | 30.0 | IS:11255 (Pa | rt-1) 1985 (RA:2019) | |

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TEST CERTIFICATE



Format No. CPTLF7.8-I(A) REPORTING DATE: 21-03-2024

REPORT No. CPTL/2024/03/51a(A) NAME OF INDUSTRY:

M/s. AMBUJA CEMENT LTD.,

(UNIT-ROPAR), VILL.-DABURJI, P.O.-LODHIMAJRA,

DISTT.- ROPAR.

| San | npling Plan Ref No.: | SAMPLE | PARTICULARS | | |
|---|----------------------------|---|--|----------------------------------|--|
| Sampling Plan Ref No.: Sampling Method: Date of Sample Collection: Date of Sample Received in Lab.: Sample Identification No.: Nature of Sample: CPTL/SM/0 17-03-202 18-03-202 CPTL/2024/03/51(A | | Point of San Environmen Analysis Dui Sample Colle | ration: From Port Hole On Stack In Conditions: Normal 18-03-2024 to 21-03-2024 | | |
| | 11 | TEC | CHNICAL DATA | | |
| 1. | Name of Plant/Section | | Cement Mill No | -4 (Osepa) | |
| 2. | Source of Emission | | Process Emission | | |
| 3. | *Type Of Fuel/Quantity | | NA | | |
| 4. | Location of Sampling Point | | As per Standard | | |
| 5. | *Diameter of Stack | | | | |
| 6. | *Height of Stack | | 1.09 meter (Top); 1.09 meter (Bottom) 38.0 meter from Ground level | | |
| 7. | Sampling Time | | 35.0 minutes | | |
| 8. | Ambient Air Temperature | | 23.8°C | | |
| 9. | Stack Air Temperature | | The state of the s | | |
| 10. | Velocity of Flue Gases | | 68.2°C | | |
| 11. | , enough of Fine Clases | | 9.9 m/sec | | |
| | PARAMETERS | | Bag Filter | | |
| D | | RESULTS | PRESCRIBED STANDARD BY CPCB | TEST METHOD | |
| Parti | culate Matter (PM) mg/Nm3 | 23.2 | 30.0 | IS:11255 (Part-1) 1985 (RA:2019) | |

^{*}represent the information provided by the customer.

Sital Singh (CEO) (Authorized Signatory Date:

The results are related to test items only.



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Lab

TEST CERTIFICATE



Format No. CPTLF7.8-I(A) REPORTING DATE: 21-03-2024

REPORT No. CPTL/2024/03/50a(A) NAME OF INDUSTRY:

M/s. AMBUJA CEMENT LTD.,

(UNIT-ROPAR), VILL-DABURJI, P.O.-LODHIMAJRA,

DISTT.- ROPAR.

| Ca. | make we say | SAMPLE PAR | RTICULARS | |
|--------------------------|---|---|--|--|
| Sar Dar Dar Sar | mpling Plan Ref No.: mpling Method: te of Sample Collection: te of Sample Received in Lab.: mple Identification No.: CP | CPTLF 7.3-1 CPTL/SM/01 17-03-2024 18-03-2024 TL/2024/03/50(A) Air Sample | Type of Sample: Point of Sample: Environmental Conditions: Analysis Duration: Sample Collected By: | Stack Air Emission From Port Hole On Stack Normal 18-03-2024 to 21-03-2024 Navjot Singh & Team |
| | | TECHN | ICAL DATA | |
| 1. | Name of Plant/Section | C | ement Mill No3 (Osepa) | |
| 2. | Source of Emission | Pr | rocess Emission | |
| 3. | *Type Of Fuel/Quantity | | NA NA | |

| PARAMETERS RESULTS | | PRESCRIBED | TEST METHOD | |
|--------------------|----------------------------|------------|------------------------------|--|
| 11. | 11100 | | Bag Filter | |
| _ | Velocity of Flue Gases | | 9.70 m/sec | |
| 10. | - montant remperature | | 68,5°C | |
| 9. | Stack Air Temperature | | 50000 | |
| 8. | Ambient Air Temperature | | 23.4°C | The second secon |
| 7. | Sampling Time | | 35.0 minutes | |
| 6. | *Height of Stack | | 38.0 meter from Ground level | |
| 5. | *Diameter of Stack | | 1.02 meter (Top) | ; 1.02 meter (Bottom) |
| 4. | Location of Sampling Point | | As per Standard | |
| 3. | *Type Of Fuel/Quantity | | NA | |
| | Source of Emission | | Process Emission | |
| 2. | Comme of Flant/Section | | Cement Mill No3 (Osepa) | |

| II. APCD | | Bag Filter | |
|--|---------|-----------------------------------|----------------------------------|
| PARAMETERS | RESULTS | PRESCRIBED STANDARD BY CPCB | TEST METHOD |
| Particulate Matter (PM) mg/Nm ³ | 22.8 | 30.0 | IS:11255 (Part-1) 1985 (RA:2019) |

^{*}represent the information provided by the customer.

Date: 21 3 2024

Sital Singh (CEO) (Authorized Signatory Date:

· The results are related to test items only.



(Environmental Monitoring, EIA, NOC, ETP, STP)

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Lab

TEST CERTIFICATE

Format No. CPTLF7.8-I(A) REPORTING DATE: 20-03-2024

REPORT No. CPTL/2024/03/45a(A) NAME OF INDUSTRY:

M/s. AMBUJA CEMENT LTD.,

(UNIT-ROPAR), VILL,-DABURJI, P.O.-LODHIMAJRA,

DISTT.- ROPAR.

SAMPLE PARTICULARS

| Sampling Plan Ref No.: | CPTLF 7.3-I | Type of Sample: | 0. 1.1.0.1.7 |
|---|--------------------|---------------------------|---|
| Sampling Method: | CPTL/SM/01 | Point of Sample: | Stack Air Emission From Port Hole On Stack |
| Date of Sample Collection: | 16-03-2024 | Environmental Conditions: | Normal Normal |
| Date of Sample Received in Lab.: | 16-03-2024 | Analysis Duration: | 16-03-2024 to 20-03-2024 |
| Sample Identification No.: Nature of Sample: | CPTL/2024/03/45(A) | Sample Collected By: | Navjot Singh & Team |

| Date of Sample Received in Lab.: 16-03-2024 Sample Identification No.: CPTL/2024/03/45(A) Nature of Sample: Air Sample | | Sample Colle | | | |
|--|----------------------------|-----------------------------------|---|----------------------------------|--|
| | | TEC | CHNICAL DATA | | |
| 1. | Name of Plant/Section | | Cement Mill No | 2 (Osepa) | |
| 2. | Source of Emission | | Process Emission | | |
| 3. | *Type Of Fuel/Quantity | | NA As per Standard 1.12 meter (Top); 1.12 meter (Bottom) 38.0 meter from Ground level 35.0 minutes 22.6°C 63.8°C | | |
| 4. | Location of Sampling Point | | | | |
| 5. | *Diameter of Stack | | | | |
| 6. | *Height of Stack | | | | |
| 7. | Sampling Time | | | | |
| 8. | Ambient Air Temperature | | | | |
| 9. | Stack Air Temperature | | | | |
| 10. | Velocity of Flue Gases | | 8.8 m/sec | | |
| 11. *APCD | | Bag Filter | | | |
| PARAMETERS RESULTS | | PRESCRIBED STANDARD BY CPCB | TEST METHOD | | |
| Particulate Matter (PM) mg/Nm ³ 24.2 | | 24.2 | 30.0 | IS:11255 (Part-1) 1985 (RA:2019) | |

^{*}represent the information provided by the customer.

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Lab

TEST CERTIFICATE

Format No. CPTLF7.8-I(A) REPORTING DATE: 20-03-2024

REPORT No. CPTL/2024/03/44n(A) NAME OF INDUSTRY:

M/s. AMBUJA CEMENT LTD.,

(UNIT-ROPAR), VILL,-DABURJI, P.O.-LODHIMAJRA,

DISTT.- ROPAR.

SAMPLE PARTICULARS

Sampling Plan Ref No.: Sampling Method: Date of Sample Collection: Date of Sample Received in Lab.:

CPTLF 7.3-1 CPTL/SM/01 16-03-2024 16-03-2024

Point of Sample: Environmental Conditions: Analysis Duration:

Sample Collected By:

Type of Sample:

Stack Air Emission From Port Hole On Stack Normal

16-03-2024 to 20-03-2024 Navjot Singh & Team

Sample Identification No.: Nature of Sample:

CPTL/2024/03/44(A) Air Sample

| | | TEC | CHNICAL DATA | | |
|--------------------|---|-----------------------------------|---------------------------------------|----------------------------------|--|
| 1. | Name of Plant/Section | | Cement Mill No1 (Osepa) | | |
| 2. | Source of Emission | | Process Emission | | |
| 3. | *Type Of Fuel/Quantity | | NA | | |
| 4. | Location of Sampling Point | | As per Standard | | |
| 5. | *Diameter of Stack | | 1.02 meter (Top); 1.02 meter (Bottom) | | |
| 6. | *Height of Stack | | 38.0 meter from Ground level | | |
| 7. | Sampling Time | | 35.0 minutes | | |
| 8. | Ambient Air Temperature | | 22.4°C | | |
| 9. | Stack Air Temperature | | 62.9°C | | |
| 10. | Velocity of Flue Gases | | 9.6 m/sec | | |
| 11. | *APCD | | Bag Filter | | |
| PARAMETERS RESULTS | | PRESCRIBED STANDARD BY CPCB | TEST METHOD | | |
| Parti | Particulate Matter (PM) mg/Nm ³ 24.6 | | 30.0 | IS:11255 (Part-1) 1985 (RA:2019) | |

^{*}represent the information provided by the customer.

Sital Singh (CEO) (Authorized Signatory

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REPORT No. CPTL/2024/03/43a(A)

NAME OF INDUSTRY:



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TEST CERTIFICATE

Format No. CPTLF7.8-I(A)

REPORTING DATE: 20-03-2024 M/s. AMBUJA CEMENT LTD.,

Lab

(UNIT-ROPAR), VILL.-DABURJI, P.O.-LODHIMAJRA,

DISTT.- ROPAR.

SAMPLE PARTICULARS

| Sampling Plan Ref No.: Sampling Method: Date of Sample Collection: Date of Sample Received in Lab. Sample Identification No.: | CPTLF 7.3-1 CPTL/SM/01 16-03-2024 : 16-03-2024 CPTL/2024/03/43(A) | Type of Sample: Point of Sample: Environmental Conditions: Analysis Duration: Sample Collected By: | Stack Air Emission From Port Hole On Stack Normal 16-03-2024 to 20-03-2024 |
|---|---|--|---|
| Nature of Sample: | Air Sample | Sample Collected By: | Navjot Singh & Team |

| Particulate Matter (PM) mg/Nm³ 23.6 | | STANDARD BY CPCB 30.0 | IS:11255 (Part-1) 1985 (RA:2019) | | |
|-------------------------------------|----------------------------|-----------------------------|---------------------------------------|-------------|--|
| | PARAMETERS RESULTS | | PRESCRIBED | TEST METHOD | |
| 11. | *APCD | | Bag Filter | | |
| 10. | Velocity of Flue Gases | | 8.9 m/sec | | |
| 9. | Stack Air Temperature | | 64.5°C | | |
| 8. | Ambient Air Temperature | | 21.6°C | | |
| 7. | Sampling Time | | 35.0 minutes | | |
| 6. | *Height of Stack | | 37.0 meter from Ground level | | |
| 5. | *Diameter of Stack | | 1.37 meter (Top); 1.37 meter (Bottom) | | |
| 4. | Location of Sampling Point | | As per Standard | | |
| 3. | *Type Of Fuel/Quantity | | NA | | |
| 2. | Source of Emission | | Process Emission | | |
| 1. | Name of Plant/Section | | Cement Mill No4 | | |
| | | TE(| CHNICAL DATA | | |

^{*}represent the information provided by the customer.

Chemis

Sital Singh (CEO) (Authorized Signator

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TEST CERTIFICATE

REPORT No. CPTL/2024/03/65a(A)

NAME OF INDUSTRY:

Format No. CPTLF7.8-I(A) REPORTING DATE: 21-03-2024

M/s, AMBUJA CEMENT LTD.,

(UNIT-ROPAR), VILL.-DABURJI, P.O.-LODHIMAJRA,

DISTT .- ROPAR.

SAMPLE PARTICULARS

| | | SAMPLE P | ARTICULARS | | | |
|---|----------------------------|-----------------------------------|--|--|--|--|
| Sampling Plan Ref No.: CPTLF 7.3-1 Sampling Method: CPTL/SM/01 Date of Sample Collection: 18-03-2024 Date of Sample Received in Lab.: 18-03-2024 Sample Identification No.: CPTL/2024/03/65(A) Nature of Sample: Air Sample TEC | | | Point of Sample: From Port Hole On 24 Environmental Conditions: N 24 Analysis Duration: 18-03-2024 to 21-03 A) Sample Collected By: Navjot Singh & | | | |
| 1. | Name of Plant/Section | | Cement Mill No3 | | | |
| 2. | Source of Emission | | Process Emission | | | |
| 3. | *Type Of Fuel/Quantity | | NA | | | |
| 4. | Location of Sampling Point | | As per Standard | | | |
| 5. | *Diameter of Stack | | 1.09 meter (Top); 1.09 meter (Bottom) | | | |
| 6. | *Height of Stack | | 35.0 meter from Ground level | | | |
| 7. | Sampling Time | | 35.0 minutes | | | |
| 8. | Ambient Air Temperature | | 23.6°C | | | |
| 9. | Stack Air Temperature | | 24.1°C | | | |
| 10. | Velocity of Flue Gases | | 9.52 m/sec | | | |
| 11. | 1. *APCD | | Bag House | | | |
| PARAMETERS RESULTS | | PRESCRIBED STANDARD BY CPCB | TEST METHOD | | | |
| Particulate Matter (PM) mg/Nm ³ 22.6 | | 30.0 | IS:11255 (Part-1) 1985 (RA:2019) | | | |

^{*}represent the information provided by the customer.

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CHANDIGARH POLLUTION LABORATO

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TEST CERTIFICATE

REPORT No. CPTL/2024/03/64a(A)

Format No. CPTLF7.8-I(A)

REPORTING DATE: 21-03-2024

NAME OF INDUSTRY:

M/s. AMBUJA CEMENT LTD.,

(UNIT-ROPAR), VILL.-DABURJI, P.O.-LODHIMAJRA,

DISTT.- ROPAR.

SAMPLE PARTICULARS

| San | apling Plan Ref No.: | CPTLF 7.3-I | Type of Sample: | Stack Air Emission |
|----------------------------------|--------------------------|--------------------|---------------------------|--------------------------|
| Sampling Method: | | CPTL/SM/01 | Point of Sample: | From Port Hole On Stack |
| Date of Sample Collection: | | 18-03-2024 | Environmental Conditions: | Normal |
| Date of Sample Received in Lab.: | | 18-03-2024 | Analysis Duration: | 18-03-2024 to 21-03-2024 |
| San | aple Identification No.: | CPTL/2024/03/64(A) | Sample Collected By: | Navjot Singh & Tear |
| Nat | ure of Sample: | Air Sample | | |
| | | TECHN | NICAL DATA | |
| 1. | Name of Plant/Section | 10 | Cement Mill No2 | |

| | | 4.65 | DIRITECTED DIVINE | | |
|-----|------------------------------|------|---------------------------------------|-------------|--|
| 1. | Name of Plant/Section | | Cement Mill No2 | | |
| 2. | Source of Emission | | Process Emission | | |
| 3. | *Type Of Fuel/Quantity | | NA | | |
| 4. | Location of Sampling Point | | As per Standard | | |
| 5. | *Diameter of Stack | | 1.12 meter (Top); 1.12 meter (Bottom) | | |
| 6. | *Height of Stack | | 35.0 meter from Ground level | | |
| 7. | Sampling Time | | 35.0 minutes | | |
| 8. | Ambient Air Temperature | | 23.4°C | | |
| 9. | Stack Air Temperature | | 60.8°C | | |
| 10. | Velocity of Flue Gases | | 9.38 m/sec | | |
| 11. | 11. *APCD PARAMETERS RESULTS | | Bag House | | |
| | | | PRESCRIBED | TEST METHOD | |

| | | Dag House | | |
|--------------------------------|---------|-----------------------------------|----------------------------------|--|
| PARAMETERS | RESULTS | PRESCRIBED STANDARD BY CPCB | TEST METHOD | |
| Particulate Matter (PM) mg/Nm3 | 23.8 | 30.0 | IS:11255 (Part-1) 1985 (RA:2019) | |

^{*}represent the information provided by the customer.

Sital Singh (CEO) (Authorized Signatory) Dates

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TEST CERTIFICATE

Format No. CPTLF7.8-I(A) REPORTING DATE: 21-03-2024

REPORT No. CPTL/2024/03/63a(A) NAME OF INDUSTRY:

M/s. AMBUJA CEMENT LTD.,

(UNIT-ROPAR), VILL.-DABURJI, P.O.-LODHIMAJRA,

DISTT.- ROPAR.

SAMPLE PARTICULARS

| Sampling Plan Ref No.: | CPTLF 7.3-I | Type of Sample: | Stack Air Emission |
|--|--------------------|---------------------------|--------------------------|
| Sampling Method: | CPTL/SM/01 | Point of Sample: | From Port Hole On Stack |
| Date of Sample Collection: | 18-03-2024 | Environmental Conditions: | Normal |
| Date of Sample Received in Lab | : 18-03-2024 | Analysis Duration: | 18-03-2024 to 21-03-2024 |
| Sample Identification No.: | CPTL/2024/03/63(A) | Sample Collected By: | Navjot Singh & Team |
| Nature of Sample: | Air Sample | | |
| A TOTAL DESCRIPTION OF THE PARTY OF THE PART | TECHN | VICAL DATA | |

| - 1 | EA. | armir. | ĸю. | -74 | L I | 3/A | в. | A. |
|-----|-----|--------|-----|-----|-----|-----|----|----|
| | | | 100 | - | - | | - | |

| 1. | Name of Plant/Section | | Cement Mill No | | |
|-----|----------------------------|------------------------------|---------------------------------------|-------------|--|
| 2. | Source of Emission | | Process Emission | | |
| 3. | *Type Of Fuel/Quantity | | NA | | |
| 4. | Location of Sampling Point | | As per Standard | | |
| 5. | *Diameter of Stack | | 1.09 meter (Top); 1.09 meter (Bottom) | | |
| 6. | *Height of Stack | | 35.0 meter from Ground level | | |
| 7. | Sampling Time | 12.45 | 35.0 minutes | | |
| 8. | Ambient Air Temperature | emperature 23.2°C | | | |
| 9. | Stack Air Temperature | Stack Air Temperature 62.8°C | | | |
| 10. | Velocity of Flue Gases | | 7.60 m/sec | | |
| 11. | *APCD | | Bag House | | |
| | PARAMETERS RESULTS | | PRESCRIBED | TEST METHOD | |

| | | STANDARD BY CPCB | |
|--|------|---------------------|----------------------------------|
| Particulate Matter (PM) mg/Nm ³ | 22.8 | 30.0 | IS:11255 (Part-1) 1985 (RA:2019) |
| | | | |

[&]quot;represent the information provided by the customer.

Date: 24

Sital Singh (CEO) (Authorized Signatory)

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TEST CERTIFICATE

REPORT No. CPTL/2024/03/22(A) NAME OF INDUSTRY:

Format No. CPTLF7.8-I(A) REPORTING DATE: 20-03-2024

M/s. AMBUJA CEMENT LTD.,

(UNIT-ROPAR), VILL.-DABURJI, P.O.-LODHIMAJRA,

DISTT.- ROPAR.

SAMPLE PARTICULARS

Sampling Plan Ref No.: CPTLF 7.3-I Sampling Method: Date of Sample Collection

CPTL/SM/01

Type of Sample: Ambient Air Location of Sampling Station: Vill.- Rattanpura

| Date of Sample Collection: Date of Sample Received in lab.: Sample Identification No. Nature of Sample: | | 16-0 CPTL/2024/0: Air | (3-2024 Environ (3-2024 Analysis (3/22(A) Sample | mental Conditions: S Duration: Collected By: Navjot Singh & Team |
|---|---|-----------------------------|--|---|
| - | 1 | | TECHNICAL DATA | |
| 1. | Location of sampling station | | Village-Rattanpura | |
| 2. | Instrument used for sampling | | RDS,FPS Benzene San | npler & Gaseous Attachments |
| 3. | Time period for sampling | | 1440 minutes | P Grandon / Malerinichis |
| | PARAMETERS RES | | AS PER NAAOS- 2009 PRESCRIBED BY CPCB | TEST METHOD |
| Parti | culate Matter (PM10), µg/m3 | 77.8 | 100 | IS:5182 (B.22): 2006 (B.1. 2018) |
| Parti | culate Matter (PM _{2.5}), μg/m ³ | 38.0 | 60 | IS:5182 (P-23): 2006, (RA - 2012) IS: 5182:(P-24):2019 |
| Sulp | hur dioxide (SO ₂), μg/m ³ | 6.8 | 80 | IS:5182 (P-2): 2001, (RA-2012) |
| Nitro | ogen Dioxide (NO ₂), μg/m ³ | 13.8 | 80 | IS:5182 (P-6): 2006, (RA - 2012) |
| | nonia (NH ₃), μg/m ³ | ND (DL-20) | 400 | Indophenol Method, CPCB Guidelines (Vol. 1) |
| | ie (O ₃), μg/m ³ | 20,2 | 100 | IS-5192 (D.O), 1071 (D.), 2017 |
| | ene (C ₆ H ₆), µg/m ³ | ND (DL-1.8) | 05 | IS:5182 (P-9): 1974, (RA - 2012) IS:5182 (P-11): 2006 |
| _ | o (a) Pyrene (BaP), ng/m ³ | ND (DL-0.9) | 01 | IS:5182 (P-12): 2004 |
| Carbo | Carbon monoxide (CO), mg/m3 | | 4 | 15-5192 (D. + 10) 1000 (D. + |
| | Lead (Pb), µg/m ³ | | 1.0 | IS:5182 (Part-10): 1999, (RA – 2009) IS:5182 (Part-22): 2004 |
| | Nickel (Ni), ng/m ³ (DI | | 20 | CPCB Guideline,Volume-1: 2011 |
| Arsen | ic (As), ng/m ³ | ND (DL-0.7) | 06 | CPCB Guideline, Volume-1: 2011 |
| DI D | Andread W. A. A. | (man-out) | | 11000 |

DL-Detection Limit ND-Not Detected

Sital Singh (CEO) (Authorized Signatory) 103

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TEST CERTIFICATE

REPORT No. CPTL/2024/03/23(A)

Format No. CPTLF7.8-I(A) REPORTING DATE: 20-03-2024

NAME OF INDUSTRY:

M/s. AMBUJA CEMENT LTD.,

(UNIT-ROPAR), VILL, DABURJI, P.O.-LODHIMAJRA,

DISTT.- ROPAR.

CPTLF 7.3-I

CPTL/SM/01

SAMPLE PARTICULARS

Sampling Plan Ref No.: Sampling Method: Date of Sample Collection: Date of Sample Received in lab.: Sample Identification No.

15-03-2024 16-03-2024 CPTL/2024/03/23(A) Type of Sample: Location of Sampling Station: **Environmental Conditions:**

Lab

Ambient Air Worker Colony Normal Analysis Duration: 16-03-2024 to 20-03-2024

| Nati | ire of Sample: | Air 5 | Sample Sample | Collected By: Navjot Singh & Team |
|---|--|---|----------------------------------|---|
| | | | FECHNICAL DATA | |
| 1. | Location of sampling station | | Worker Colony | |
| 2. | Instrument used for sampling | | RDS,FPS Benzene San | npler & Gaseous Attachments |
| 3. | Time period for sampling | | 1440 minutes | - Consecus remembers |
| PARAMETERS RESULTS | | AS PER NAAOS- 2009 PRESCRIBED BY CPCB | TEST METHOD | |
| Partic | culate Matter (PM ₁₀), µg/m ³ | 75.8 | 100 | IS:5182 (P-23): 2006, (RA - 2012) |
| Partic | culate Matter (PM2.5), μg/m ³ | 35.0 | 60 | IS: 5182:(P-24):2019 |
| Sulpl | hur dioxide (SO ₂), μg/m ³ | 6.8 | 80 | IS:5182 (P-2): 2001, (RA-2012) |
| Nitrogen Dioxide (NO ₂), µg/m ³ 13.8 | | 80 | IS:5182 (P-6): 2006, (RA - 2012) | |
| Amm | ionia (NH ₃), μg/m ³ | ND (DL-20) | 400 | Indophenol Method, CPCB Guidelines (Vol. 1) |
| Ozon | e (O ₃), μg/m ³ | 20.2 | 100 | |
| Benzi | ene (C ₆ H ₆), μg/m ³ | ND | 05 | IS:5182 (P-9): 1974, (RA - 2012) |
| - | The second secon | (DL-1.8) | 03 | IS:5182 (P-11): 2006 |
| | o (a) Pyrene (BaP), ng/m ³ | ND (DL-0.9) | 01 | IS:5182 (P-12): 2004 |
| Carbo | on monoxide (CO), mg/m ³ | 0.58 | 4 | 15:5192 (D 10) 1000 (D |
| Lead | (Pb), μg/m ³ | ND (DL-0.1) | 1.0 | IS:5182 (Part-10): 1999, (RA – 2009) IS:5182 (Part-22): 2004 |
| 1000 | el (NI), ng/m³ | ND (DL-5.0) | 20 | CPCB Guideline, Volume-1: 2011 |
| Arsen | ic (As), ng/m ³ | ND (DL 0.7) | 06 | CPCB Guideline, Volume-1: 2011 |

DL-Detection Limit ND-Not Detected

Sital Singh (CEO) (Authorized Signatory

The results are related to test items only.



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(Environmental Monitoring, EIA, NOC, ETP, STP)

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TEST CERTIFICATE

REPORT No. CPTL/2024/03/27(A) NAME OF INDUSTRY:

REPORTING DATE: 20-03-2024 M/s. AMBUJA CEMENT LTD.,

Lab

(UNIT-ROPAR), VILL.-DABURJI, P.O.-LODHIMAJRA,

DISTT.- ROPAR.

SAMPLE PARTICULARS

| | STATE STATE AND ASSESSED AS | Co- to BACKERSO | |
|---|--|---|---|
| Sampling Plan Ref No.: Sampling Method: Date of Sample Collection: Date of Sample Received in lab.: Sample Identification No. Nature of Sample: | CPTLF 7.3-1 CPTL/SM/01 15-03-2024 16-03-2024 CPTL/2024/03/27(A) Air Samuela | Type of Sample: Location of Sampling Station: Environmental Conditions: Analysis Duration: Sample Collected By: | Ambient Air Biomass Storage Nonnal 16-03-2024 to 20-03-2024 Navjot Singh & Team |

| LAMER | re of Sample: | | Sample | | |
|---|---|---|----------------------------------|---|--|
| | | | FECHNICAL DATA | | |
| 1. | Location of sampling station | | Biomess Storage | | |
| 2. | Instrument used for sampling | | RDS,FPS Benzene San | apler & Gaseous Attachments | |
| 3. | Time period for sampling | | 1440 minutes | | |
| PARAMETERS RESULTS | | AS PER NAAOS- 2009 PRESCRIBED BY CPCB | TEST METHOD | | |
| Partic | culate Matter (PM ₁₀), μg/m ³ | 82.8 | 100 | 1S:5182 (P-23): 2006, (RA - 2012) | |
| Partic | ulate Matter (PM _{2.5}), μg/m ³ | 39.2 | 60 | IS: 5182:(P-24):2019 | |
| Sulphur dioxide (SO ₂), µg/m ³ 6.8 | | 6.8 | 80 | IS:5182 (P-2): 2001, (RA-2012) | |
| Nitrogen Dioxide (NO ₂), µg/m ³ 14,2 | | 80 | IS:5182 (P-6): 2006, (RA - 2012) | | |
| | ionia (NH ₃), μg/m ³ | ND (DL-20) | 400 | Indophenol Method, CPCB Guidelines (Vol. 1) | |
| Ozon | c (O ₃), μg/m ³ | 20.6 | 100 | IS:5182 (P-9): 1974, (RA - 2012) | |
| | ene (C ₆ H ₆), μg/m ³ | ND (DL-1.8) | 05 | IS:5182 (P-11): 2006 | |
| | o (a) Pyrene (BaP), ng/m ³ | ND (DL-0.9) | 01 | IS:5182 (P-12): 2004 | |
| | m monoxide (CO), mg/m3 | 0.54 | 4 | IS:5182 (Part-10): 1999, (RA - 2009) | |
| 2000 | (Pb), μg/m ³ | ND (DL-0.1) | 1.0 | IS:5182 (Part-22): 2004 | |
| | el (Ni), ng/m³ | ND (DL-5.0) | 20 | CPCB Guideline,Volume-1: 2011 | |
| Arsenic (As), ng/m ³ ND | | ND (DL-0.7) | 06 | CPCB Guideline, Volume-1: 2011 | |

DL-Detection Limit ND-Not Detected

Date: 26/8/2024

Sital Singh (CEO) (Authorized Signatory

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Website: www.cptl.co.in



TEST CERTIFICATE

REPORT No. CPTL/2024/03/25(A) NAME OF INDUSTRY:

M/s. AMBUJA CEMENT LTD.,

(UNIT-ROPAR), VILL.-DABURJI, P.O.-LODHIMAJRA,

DISTT.- ROPAR.

SAMPLE PARTICULARS

Sampling Plan Ref No.: CPTLF 7.3-I Sampling Method: CPTL/SM/01 Date of Sample Collection: Date of Sample Received in lab.: Sample Identification No.

15-03-2024 16-03-2024 CPTL/2024/03/25(A)

Type of Sample: Location of Sampling Station: **Environmental Conditions:** Analysis Duration:

Lab

Clinker Truck Yard Normal 16-03-2024 to 20-03-2024

Format No. CPTLF7.8-I(A)

REPORTING DATE:20-03-2024

Sample Collected By:

Navjot Singh & Team

Ambient Air

| | ire of Sample: | Air S | lample | Navjot Singh & Team |
|---|--|---|---------------------|---|
| | | | FECHNICAL DATA | |
| 1. | Location of sampling station | | Clinker Truck Yard | |
| 2. | Instrument used for sampling | | RDS,FPS Benzene Sam | pler & Gaseous Attachments |
| 3. | Time period for sampling | | 1440 minutes | |
| PARAMETERS RESULTS | | AS PER NAAOS- 2009 PRESCRIBED BY CPCB | TEST METHOD | |
| | culate Matter (PM ₁₀), μg/m ³ | 78.8 | 100 | IS:5182 (P-23): 2006, (RA - 2012) |
| | culate Matter (PM _{2.5}), μg/m ³ | 38.3 | 60 | IS: 5182:(P-24):2019 |
| | hur dioxide (SO ₂), µg/m ³ | 6.8 | 80 | IS:5182 (P-2): 2001, (RA-2012) |
| Nitrogen Dioxide (NO ₂), µg/m ³ 16.2 | | 16.2 | 80 | IS:5182 (P-6): 2006, (RA - 2012) |
| | nonia (NH ₃), μg/m ³ | ND (DL-20) | 400 | Indophenol Method, CPCB Guidelines (Vol. 1) |
| Ozor | ne (O ₃), µg/m ³ | 20.0 | 100 | IS:5182 (P-9): 1974, (RA - 2012) |
| Benz | zene (C ₆ H ₆), μg/m ³ | ND (DL-1.8) | 05 | IS:5182 (P-11): 2006 |
| Benz | to (a) Pyrene (BaP), ng/m ³ | ND (DL-0.9) | 01 | IS:5182 (P-12): 2004 |
| Carb | on monoxide (CO), mg/m3 | 0.54 | 4 | IS:5182 (Part-10): 1999, (RA - 2009) |
| Lead | (Pb), μg/m³ | ND (DL-0,1) | 1.0 | 1S:5182 (Part-22): 2004 |
| Nick | kel (NI), ng/m³ | ND (DL-5.0) | 20 | CPCB Guideline, Volume-1: 2011 |
| Arse | nic (As), ng/m ³ | ND | 06 | CPCB Guideline, Volume-1: 2011 |

DL-Detection Limit ND-Not Detected

Date: 2-5/3/2024

Sital Singh (CEO) (Authorized Signatory)

CPCB Guideline, Volume-1: 2011

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Sample will be destroyed after retention time unless otherwise specified.

(DL-0.7



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Lab



Format No. CPTLF7.8-MA1

REPORTING DATE: 20-03-2024

TEST CERTIFICATE

REPORT No. CPTL/2024/03/26(A) NAME OF INDUSTRY:

M/s. AMBUJA CEMENT LTD.,

(UNIT-ROPAR), VILL.-DABURJI, P.O.-LODHIMAJRA,

DISTT.- ROPAR.

SAMPLE PARTICULARS

Sampling Plan Ref No.: Sampling Method: Date of Sample Collection: Date of Sample Received in lab.: Sample Identification No. Nature of Sample:

CPTLF 7.3-I CPTL/SM/01 15-03-2024 16-03-2024 CPTL/2024/03/26(A)

Air Sample

Type of Sample: Location of Sampling Station: **Environmental Conditions:** Analysis Duration: Sample Collected By:

Ambient Air Gunny Bag House Normal 16-03-2024 to 20-03-2024 Navjot Singh & Team

TECHNICAL DATA

| l. | Instrument used for sampling | | Gunny Bag House RDS,FPS Benzene Sampler & Gaseous Attachments | | |
|--|--|---------|--|-----------------------------------|--|
| 2. | | | | | |
| 3. | Time period for sampling | | 1440 minutes | procee Gaseous Ausenments | |
| PARAMETERS Particulate Matter (PM ₁₀), μg/m ³ Particulate Matter (PM _{2.5}), μg/m ³ Sulphur dioxide (SO ₂), μg/m ³ | | RESULTS | AS PER NAAOS- 2009 PRESCRIBED BY CPCB | TEST METHOD | |
| | | 75.4 | 100 | IS:5182 (P-23): 2006, (RA - 2012) | |
| | | 36.3 | 60 | IS: 5182:(P-24):2019 | |
| Nitro | our dioxide (SO ₂), µg/m ³ ogen Dioxide (NO ₂), µg/m ³ | 6.6 | 80 | IS:5182 (P-2): 2001, (RA-2012) | |
| | | | | | |

Nitrogen Dioxide (NO2), µg/m³ 16.4 80 IS:5182 (P-6): 2006, (RA - 2012) Ammonia (NH₃), µg/m³ ND Indophenol Method, CPCB Guidelines (Vol. 1) 400 (DL-20) Ozone (O2), µg/m3 20.2 100 IS:5182 (P-9): 1974, (RA - 2012) Benzene (C₆H₆), μg/m³ ND 05 IS:5182 (P-11): 2006 (DL-1.8) Benzo (a) Pyrene (BaP), ng/m3 ND 01 IS:5182 (P-12): 2004 (DL-0.9) Carbon monoxide (CO), mg/m3 0.55 4 IS:5182 (Part-10): 1999, (RA - 2009) Lead (Pb), µg/m3 ND 1.0 IS:5182 (Part-22): 2004 (DL-0.1) Nickel (Ni), ng/m3 ND 20 CPCB Guideline, Volume-1: 2011 (DL-5.0) Arsenic (As), ng/m³ ND 06 CPCB Guideline, Volume-1: 2011 (DL-0.7)

DL-Detection Limit ND-Not Detected

Sital Singh (CEO) (Authorized Signatory)

The results are related to test items only.

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Page 1 of 1



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Lab



TEST CERTIFICATE

REPORT No. CPTL/2024/03/24(A)

NAME OF INDUSTRY: M/s. AMBUJA CEMENT LTD.,

(UNIT-ROPAR), VILL, DABURJI, P.O.-LODHIMAJRA,

DISTT. ROPAR.

SAMPLE PARTICULARS

Sampling Plan Ref No.: Sampling Method: Date of Sample Collection: Date of Sample Received in lab.: Sample Identification No. Nature of Sample:

CPTLF 7.3-1 CPTL/SM/01 15-03-2024 16-03-2024 CPTL/2024/03/24(A)

Type of Sample: Location of Sampling Station: **Environmental Conditions:** Analysis Duration: Sample Collected By:

Ambient Air ACL Colony Normal 16-03-2024 to 20-03-2024 Navjot Singh & Team

Format No. CPTLF7.8-I(A)

REPORTING DATE: 20-03-2024

Air Sample

| 2.1 | CH | NB | | E 1 | DA. | TA |
|------|----|------|-----|-----|--------|--------|
| 77.5 | | 0.77 | 100 | | PLACE. | ALC: N |
| | | | | | | |

| | | | FECHNICAL DATA | | |
|---|---|---|---|---|--|
| 1, | Location of sampling station | | ACL Colony | | |
| 2. | Instrument used for sampling | | RDS,FPS Benzene Sampler & Gaseous Attachments | | |
| 3. | Time period for sampling | | 1440 minutes | apier of Gaseous Attachments | |
| PARAMETERS RESULTS | | AS PER NAAOS- 2009 PRESCRIBED BY CPCB | TEST METHOD | | |
| Partic | culate Matter (PM ₁₀), µg/m ³ | 74.2 | 100 | IS:5182 (P-23): 2006, (RA - 2012) | |
| Partic | culate Matter (PM2.5), µg/m3 | 34.1 | 60 | IS: 5182:(P-24):2019 | |
| Sulphur dioxide (SO ₂), µg/m ³ | | 6.4 | 80 | IS:5182 (P-2): 2001, (RA-2012) | |
| Nitrogen Dioxide (NO ₂), µg/m ³ 14.2 | | 14.2 | 80 | IS:5182 (P-6): 2006, (RA - 2012) | |
| Ammonia (NH ₃), µg/m ³ ND (DL-20 | | ND (DL-20) | 400 | Indophenol Method, CPCB Guidelines (Vol. 1) | |
| | e (O ₃), μg/m ³ | 20.2 | 100 | 16-5192 (D.O), 1071 (D.) | |
| 10 | ene (C ₆ H ₆), μg/m ³ | ND (DL-1.8) | 05 | IS:5182 (P-9): 1974, (RA - 2012) IS:5182 (P-11): 2006 | |
| | o (a) Pyrene (BaP), ng/m ³ | ND (DL-0.9) | 01 | IS:5182 (P-12): 2004 | |
| Carbo | n monoxide (CO), mg/m3 | 0.52 | 4 | 15:5192 (B-+ 10) 1000 (B + | |
| - 11/1 | (Pb), μg/m³ | ND (DL-0.1) | 1.0 | IS:5182 (Part-10): 1999, (RA - 2009) IS:5182 (Part-22): 2004 | |
| | el (Ni), ng/m ³ | ND (DL-5.0) | 20 | CPCB Guideline,Volume-1; 2011 | |
| Arsen | ic (As), ng/m ³ | ND (DL-0.7) | 06 | CPCB Guideline, Volume-1: 2011 | |

DL-Detection Limit ND-Not Detected

Sltal Singh (CEO)

(Authorized Signatory) Date: 03/2014

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Page 1 of 1



TESTING LABORATORY

(Environmental Monitoring, EIA, NOC, ETP, STP)

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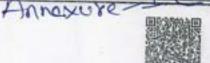
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Lab



TEST CERTIFICATE

REPORT No. CPTL/2024/03/32(A)
NAME OF INDUSTRY:

Format No. CPTLF7.8-I(A)

REPORTING DATE: 20-03-2024

M/s. AMBUJA CEMENT LTD., (UNIT-ROPAR), VILL.-DABURJI, P.O.-LODHIMAJRA,

DISTT .- ROPAR.

SAMPLE PARTICULARS

| Sampling Plan Ref No.: Sampling Method: Date of Sample Collection: Date of Sample Received in lab.: Sample Identification No. Nature of Sample: | CPTLF 7.3-I CPTL/SM/01 15-03-2024 16-03-2024 CPTL/2024/03/32(A) Air Sample | Type of Sample: Ambier Location of Sampling Station: Environmental Conditions: | nt Air (Fugitive Emissions) Biomass Handling Area Normal 16-03-2024 to 20-03-2024 Navjot Singh & Team |
|---|---|--|---|
|---|---|--|---|

| | ROLLING. | PM I | CAR | TYAT | CA |
|------|----------|------|-----|-------|-----|
| - 10 | BUT WELL | 4.47 | CAL | 22.00 | L M |

| 1. | Location of sampling station | Biomass Handling Area | |
|----|------------------------------|-----------------------|--|
| 2. | Instrument used for sampling | High Volume Sampler | |
| - | Time period for sampling | 240 minutes | |

| DADARFERENC | | 240 minutes | |
|-------------------------------------|---------|-----------------------------------|------------------------------|
| PARAMETERS | RESULTS | STANDARD PRESCRIBED BY CPCB | TEST METHOD |
| Suspended Particulate Matter, µg/m3 | 4648 | 5000 | IS:5182 (P-4):1999 (RA:2019) |

Chemist la Charge Date: 2 /3/2021

Sital Singh (CEO)
(Authorized Signatory)
Date:

The results are related to test items only.



OURURIONUU LAPPALLIAN

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TEST CERTIFICATE

REPORT No. CPTL/2024/03/69(A) NAME OF INDUSTRY:

Format No. CPTLF7.8-I(A) REPORTING DATE:21-03-2024

M/s. AMBUJA CEMENT LTD.,

(UNIT-ROPAR), VILL-DABURJI, P.O.-LODHIMAJRA,

DISTT .- ROPAR.

SAMPLE PARTICULARS Sampling Plan Ref No.: CPTLF 7.3-I Sampling Method:

CPTL/SM/01 Date of Sample Collection: 18-03-2024 Date of Sample Received in lab.: 18-03-2024

Sample Identification No. CPTL/2024/03/69(A) Nature of Sample: Air Sample

Type of Sample: Ambient Air (Fugitive Emissions) Location of Sampling Station: Fly ash Handling Area

Environmental Conditions: Analysis Duration: Sample Collected By:

Normal 18-03-2024 to 21-03-2024

Navjot Singh & Team

| 11122183 | PLANE W. A. | The Arrest a |
|----------|-------------|--------------|
| TECHI | WEAL | ν_{A1A} |

| Location of something of | |
|--|--|
| Location of sampling station | Fly Ash Handling Area (East gate) |
| Instrument used for sampling | |
| | RDS |
| Time period for sampling | 240 minutes |
| The state of the s | 240 minutes |
| | Location of sampling station Instrument used for sampling Time period for sampling |

| PARAMETERS | RESULTS | STANDARD PRESCRIBED BY CPCB | TEST METHOD |
|---|---------|-----------------------------------|------------------------------|
| Suspended Particulate Matter, µg/m ³ | 4680 | 5000 | IS:5182 (P-4):1999 (RA:2019) |

Date: 21 3 2024

Sital Singh (CEO) (Authorized Signatory)

The results are related to test items only.



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Website: www.cpti.co.in



TEST CERTIFICATE

REPORT No. CPTL/2024/03/49(A) NAME OF INDUSTRY:

Format No. CPTLF7.8-I(A) REPORTING DATE: 21-03-2024 M/s. AMBUJA CEMENT LTD.,

Lab

(UNIT-ROPAR), VILL.-DABURJI, P.O.-LODHIMAJRA,

DISTT.- ROPAR. SAMPLE PARTICULARS

CPTLF 7.3-1

Sampling Plan Ref No.: Sampling Method: Date of Sample Collection: Date of Sample Received in lab.: Sample Identification No.

Nature of Sample:

CPTL/SM/01 17-03-2024 18-03-2024 CPTL/2024/03/49(A) Air Sample

Type of Sample:

Ambient Air (Fugitive Emissions) Location of Sampling Station: Clinker Loading Plant Area Normal

Environmental Conditions: Analysis Duration: Sample Collected By:

18-03-2024 to 21-03-2024 Navjot Singh & Team

| TECH | ME | CAT | Th | APPLA |
|-----------|------|--------|-----|-------|
| A RACELLA | 17.8 | PARTY. | 334 | 217 |

| 1. | Location of sampling station | Clinker Loading Plant Area (Near FAD-2) |
|----|-------------------------------------|---|
| 2. | Total action and the A.C. A.C. A.C. | High Volume Sampler |
| 3. | Time period for sampling | 240 minutes |
| PA | RAMETERS | |

| PARAMETERS | RESULTS | STANDARD PRESCRIBED BY CPCB | TEST METHOD |
|-------------------------------------|---------|-----------------------------------|------------------------------|
| Suspended Particulate Matter, µg/m3 | 1780 | 2000 | IS:5182 (P-4):1999 (RA:2019) |

Date: 21/3/2024

Sital Singh (CEO) (Authorized Signatory)

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Website: www.cptl.co.ln

TEST CERTIFICATE



REPORT No. CPTL/2024/03/29(A)

NAME OF INDUSTRY:

REPORTING DATE: 20-03-2024 M/s. AMBUJA CEMENT LTD.,

(UNIT-ROPAR), VILL.-DABURJI, P.O.-LODHIMAJRA, DISTT .- ROPAR.

SAMPLE PARTICULARS CPTLF 7.3-I

Sampling Plan Ref No.: Sampling Method: Date of Sample Collection: Date of Sample Received in lab.: Sample Identification No. Nature of Sample:

CPTL/SM/01 15-03-2024 16-03-2024 CPTL/2024/03/29(A) Air Sample

Type of Sample: Ambient Air (Fugitive Emissions) Location of Sampling Station: Plant East Gate **Environmental Conditions:** Normal Analysis Duration: 16-03-2024 to 20-03-2024 Sample Collected By:

| Nati | are of Sample: | Air Sam | | llected By: | Navjot Singh & Team |
|------|---------------------------------|------------|-----------------------------------|--------------------|---------------------|
| 1. | Tanata 6 11 | TEC | HNICAL DATA | | |
| 0500 | Location of sampling station | | Plant East Gate | | |
| 2. | Instrument used for sampling | | RDS | | |
| 3. | Time period for sampling | | 240 minutes | | |
| PAI | RAMETERS | VINOVE III | | | |
| | | RESULTS | STANDARD PRESCRIBED BY CPCB | TEST METHOD | |
| Susp | ended Particulate Matter, μg/m3 | 3812 | 5000 | IS:5182 (P-4):1999 | (RA:2019) |

Date: 24

Sital Singh (CEO) (Authorized Signatory) Dates D

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CHANDICARM PULLUTION

(Environmental Monitoring, EIA, NOC, ETP, STP)

NABET Accredited EIA Consultant



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Lab



TEST CERTIFICATE

REPORT No. CPTL/2024/03/30(A)

Format No. CPTLF7.8-I(A) REPORTING DATE: 20-03-2024

NAME OF INDUSTRY: M/s. AMBUJA CEMENT LTD.,

(UNIT-ROPAR), VILL-DABURJI, P.O.-LODHIMAJRA, DISTT.- ROPAR.

| Dati Dati San | apling Plan Ref No.: apling Method: e of Sample Collection: e of Sample Received in lab.: aple Identification No. are of Sample: | SAMPLE PAR CPTLF 7.3-1 CPTL/SM/01 15-03-2024 16-03-2024 CPTL/2024/03/30(A) Air Sample | TICULARS | nt Air (Fugitive Emissions) Plant Main Gate Area Normal 16-03-2024 to 20-03-2024 Navjot Singh & Team |
|---------------------|--|---|-------------------|--|
| 1 | T | TECHNIC | CAL DATA | |
| 1. | Location of sampling static | | nt Main Gate Area | |
| 2. | Instrument used for sampli | ng RD | | The state of the s |
| 3. | Time period for sampling | 100 | 5 | |

| Time period for sample | | VDS | |
|--|------------------------|-----------------------------------|------------------------------|
| Time period for sample | ing | 240 minutes | |
| PARAMETERS Suspended Particular | RESULTS | STANDARD PRESCRIBED BY CPCB | TEST METHOD |
| Suspended Particulate Matter, | μg/m ³ 3512 | 5000 | IS:5182 (P-4):1999 (RA:2019) |

Chemistr Date: 25/3

Sital Singh (CEO) (Authorized Signator, Date:

The results are related to test items only.



(Environmental Monitoring, EIA, NOC, ETP, STP,

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REPORTING DATE: 20-03-2024

Website: www.cpti.co.in



TEST CERTIFICATE

REPORT No. CPTL/2024/03/31(A) NAME OF INDUSTRY:

M/s. AMBUJA CEMENT LTD.,

(UNIT-ROPAR), VILL-DABURJI, P.O.-LODHIMAJRA,

Analysis Duration:

Sample Collected By:

DISTT.- ROPAR. SAMPLE PARTICULARS

Sampling Plan Ref No.: Sampling Method: Date of Sample Collection: Date of Sample Received in lab.: Sample Identification No.

Suspended Particulate Matter, µg/m3

Nature of Sample:

PARAMETERS

1.

15-03-2024 16-03-2024 CPTL/2024/03/31(A)

Type of Sample: Ambient Air (Fugitive Emissions) Location of Sampling Station: Gypsum Handling Area Environmental Conditions:

Normal 16-03-2024 to 20-03-2024 Navjot Singh & Team

Format No. CPTLF7.8-I(A)

Air Sample

CPTLF 7.3-I

CPTL/SM/01

TECHNICAL DATA

240 minutes

Location of sampling station Gypsum Handling Area Instrument used for sampling 2. High Volume Sampler 3. Time period for sampling

RESULTS

1804

STANDARD PRESCRIBED BY CPCB 2000

TEST METHOD

IS:5182 (P-4):1999 (RA:2019)

Date:

Sital Singh (CEO) (Authorized Signator

The results are related to test items only.



(Environmental Monitoring, EIA, NOC, ETP, STP)

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Website: www.cptl.co.in



CPP Boiler Area

Format No. CPTLF7.8-I(A)

TEST CERTIFICATE

REPORT No. CPTL/2024/03/33(A) NAME OF INDUSTRY:

M/s. AMBUJA CEMENT LTD.,

REPORTING DATE: 20-03-2024 (UNIT-ROPAR), VILL.-DABURJI, P.O.-LODHIMAJRA,

DISTT .- ROPAR.

Sampling Plan Ref No.: Sampling Method: Date of Sample Collection:

Date of Sample Received in lab.: Sample Identification No.

SAMPLE PARTICULARS CPTLF 7.3-1 CPTL/SM/01 15-03-2024

16-03-2024 CPTL/2024/03/33(A) Type of Sample: Ambient Air (Fugitive Emissions)

Location of Sampling Station: **Environmental Conditions:** Analysis Duration:

Normal 16-03-2024 to 20-03-2024

| | | llected By: Navjot Singh & Tean |
|----------|--|---|
| TEC | | |
| 1 | CPP Boiler Area | |
| g | The state of the s | 1 |
| | The second secon | ner |
| DECEMBED | | |
| | PRESCRIBED | TEST METHOD |
| 3 1820 | 2000 | IS:5182 (P-4):1999 (RA:2019) |
| | Air Samy TEC | TECHNICAL DATA CPP Boiler Area High Volume Samp 240 minutes RESULTS STANDARD PRESCRIBED BY CPCB |

Date: 027

Sital Singh (CEO) (Authorized Signators Date:

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Lab

Format No. CPILF7.8-I(A)

TEST CERTIFICATE

REPORT No. CPTL/2024/03/34(A) NAME OF INDUSTRY:

M/s. AMBUJA CEMENT LTD.,

REPORTING DATE: 20-03-2024 (UNIT-ROPAR), VILL.-DABURJI, P.O.-LODHIMAJRA, DISTT .- ROPAR.

SAMPLE PARTICULARS **CPTLF 7.3-1**

Sampling Plan Ref No.: Sampling Method: Date of Sample Collection: Date of Sample Received in lab.:

15-03-2024 16-03-2024

CPTL/SM/01

Type of Sample: Ambient Air (Fugitive Emissions) Location of Sampling Station: FAD-1 Area

Environmental Conditions:

| Sam | of Sample Received in lab.; ple Identification No. are of Sample; | 16-03-20 CPTL/2024/03/340 Air Sam | 2024 Analysis Duration: 16-03-2024 4(A) Sample Collected By: Navjot: | | Normal 16-03-2024 to 20-03-2024 Navjot Singh & Team |
|------|---|---|---|-----------------|---|
| | | TEC | HNICAL DATA | | |
| 1. | Location of sampling station | | FAD-1 Area | | |
| 2. | Instrument used for sampling | | RDS | | |
| 3. | Time period for sampling | | 240 minutes | | |
| PAI | RAMETERS | The second | | | |
| | | RESULTS | STANDARD PRESCRIBED BY CPCB | TEST METHO | <u>DD</u> |
| Susp | ended Particulate Matter, µg/m³ | 2698 | 5000 | IS:5182 (P-4):1 | 999 (RA:2019) |

Date:

Sital Singh (CEO) (Authorized Signator

The results are related to test items only.



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TEST CERTIFICATE

REPORT No. CPTL/2024/03/35(A) NAME OF INDUSTRY:

M/s, AMBUJA CEMENT LTD.,

REPORTING DATE: 20-03-2024 (UNIT-ROPAR), VILL-DABURJI, P.O.-LODHIMAJRA,

DISTT.- ROPAR.

SAMPLE PARTICULARS CPTLF 7.3-1

Sampling Plan Ref No.: Sampling Method: Date of Sample Collection: Date of Sample Received in lab.: Sample Identification No. CPTL/2024/03/35(A) Nature of Sample:

CPTL/SM/01 15-03-2024 16-03-2024

Type of Sample: Ambient Air (Fugitive Emissions) Location of Sampling Station: Plant Car Parking Area Environmental Conditions: Analysis Duration: Sample Collected By:

16-03-2024 to 20-03-2024 Navjot Singh & Team

| 1. | Location of and the | TEC | HNICAL DATA | |
|------|---|---------|-----------------------------------|------------------------------|
| | Location of sampling station | | Plant Car Parking / | \rea |
| 2. | Instrument used for sampling | | | |
| 3, | Time period for sampling | | RDS | |
| PAI | RAMETERS | | 240 minutes | |
| | | RESULTS | STANDARD PRESCRIBED BY CPCB | TEST METHOD |
| susp | ended Particulate Matter, μg/m ³ | 3216 | 5000 | IS:5182 (P-4):1999 (RA:2019) |

Sital Singh (CEO) (Authorized Signatory)

The results are related to test items only.



CRANDICAKA PULLUTIUN

(Environmental Monitoring, EIA, NOC, ETP, STP)

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TEST CERTIFICATE

REPORT No. CPTL/2024/03/28(A)

Format No. CPTLF7.8-I(A) REPORTING DATE:20-03-2024

NAME OF INDUSTRY: M/s. AMBUJA CEMENT LTD.,

(UNIT-ROPAR), VILL.-DABURJI, P.O.-LODHIMAJRA, DISTT .- ROPAR.

| Type of Sample: Ambient Air (Fugitive Emissions) Location of Sampling Station: Packing Plant Area |
|--|
| Environmental Conditions: Packing Plant Area Analysis Duration: Normal Sample Collected P |
| ī |

| 1. | Location of - U | TEC | HNICAL DATA | Navjot Singh & Team | |
|---|----------------------------|--------------------|-----------------|------------------------------|--|
| execution of sampling station | | Packing Plant Area | | | |
| | and the discu for sampling | | RDS 240 minutes | | |
| 3. | Time period for sampling | | | | |
| | RAMETERS | RESULTS | | TEST METHOD | |
| Suspended Particulate Matter, µg/m ³ | | 4312 | 5000 | IS:5182 (P-4):1999 (RA:2019) | |

Date: 25/3/2027

Sital Singh (CEO) (Authorized Signatory Date:

The results are related to test items only.



GHANDIGAKH PULLUTION

(Environmental Monitoring, EIA, NOC, ETP, STP)

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IS:5182 (P-4):1999 (RA:2019)



TEST CERTIFICATE

REPORT No. CPTL/2024/03/48(A) NAME OF INDUSTRY:

Format No. CPTLF7.8-I(A) REPORTING DATE:21-03-2024

M/s. AMBUJA CEMENT LTD.,

(UNIT-ROPAR), VILL,-DABURJI, P.O.-LODHIMAJRA, DISTT. ROPAR.

| Dat Dat San Nat | | CPTLF 7 CPTL/SM 17-03-2/ 18-03-2/ CPTL/2024/03/48 Air Sam | U01 Location 024 Environ 024 Analysis (A) Sample (| Sample: Ambi of Sampling Station: neutal Conditions: Duration: Collected By: | ent Air (Fugitive Emissions Cement Mill Area Normal 18-03-2024 to 21-03-2024 Navjot Singh & Team |
|-------------------------------------|------------------------------|--|---|--|--|
| 1. | Location of sampling station | | Cement Mill Area | | |
| 2. | | | | | |
| 3. | Time period for sampling | | High Volume Sampler | | |
| PAI | PARAMETERS | | 240 minutes | | |
| | | RESULTS | STANDARD PRESCRIBED BY CPCB | TEST METHO | D |
| Suspended Particulate Matter, µg/m3 | | 1810 | 2000 | 10.7100 (5 | |

2000

Date: 21 3/2024

Sital Singh (CEO) (Authorized Signatory) Date: 21/03/2004

The results are related to test items only.

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TEST CERTIFICATE

REPORT No. CPTL/2024/03/47(A) NAME OF INDUSTRY:

Format No. CPTLF7.8-I(A) REPORTING DATE: 21-03-2024

M/s. AMBUJA CEMENT LTD.,

(UNIT-ROPAR), VILL.-DABURJI, P.O.-LODHIMAJRA, DISTT.- ROPAR.

SAMPLE PARTICULARS

Sampling Plan Ref No.: Sampling Method: Date of Sample Collection: Date of Sample Received in lab.: Sample Identification No. Nature of Sample:

CPTLF 7.3-1 CPTL/SM/01 17-03-2024 18-03-2024 CPTL/2024/03/47(A)

Air Sample

Type of Sample: Ambient Air (Fugitive Emissions) Location of Sampling Station: Old Clinker Tippler Area Environmental Conditions: Normal Analysis Duration: 18-03-2024 to 21-03-2024 Sample Collected By: Navjot Singh & Team

TECHNICAL DATA

| i. | Location of sampling station | Old Clinker Tippler Area |
|-----|------------------------------|--------------------------|
| 2. | Instrument used for sampling | |
| 3. | Time period for sampling | RDS |
| PAI | RAMETERS | 240 minutes |

| DADA MEMBRO | | 240 minutes | |
|---|---------|-----------------------------------|------------------------------|
| PARAMETERS | RESULTS | STANDARD PRESCRIBED BY CPCB | TEST METHOD |
| Suspended Particulate Matter, μg/m ³ | 4610 | 5000 | IS:5182 (P-4):1999 (RA:2019) |

3/2024

Sital Singh (CEO) (Authorized Signatory) Date:

The results are related to test items only.



(Environmental Monitoring, EIA, NOC, ETP, STP,

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Lab





Format No. CPTLF7.8-I(A) REPORTING DATE:21-03-2024

REPORT No. CPTL/2024/03/46(A) NAME OF INDUSTRY:

M/s. AMBUJA CEMENT LTD.,

(UNIT-ROPAR), VILL.-DABURJI, P.O.-LODHIMAJRA,

DISTT.- ROPAR. SAMPLE PARTICULARS

Sampling Plan Ref No.: Sampling Method: Date of Sample Collection: Date of Sample Received in lab.: Sample Identification No.

Nature of Sample:

CPTLF 7.3-1 CPTL/SM/01 17-03-2024 18-03-2024 CPTL/2024/03/46(A) Air Sample

Type of Sample: Location of Sampling Station: New Clinker Tippler Area **Environmental Conditions:** Analysis Duration: Sample Collected By:

Ambient Air (Fugitive Emissions) Normal 18-03-2024 to 21-03-2024 Navjot Singh & Team

TECHNICAL DATA

| 1. | Longition of annual | | | |
|-----|------------------------------|---------|--------------------------|--|
| ** | Location of sampling station | | New Clinker Tippler Area | |
| 2. | Instrument used for sampling | | | |
| - | | | High Volume Sampler | |
| 3, | Time period for sampling | | 240 minutes | |
| PAI | RAMETERS | - | 2 TO IMMUNES | |
| 2.0 | BANETERS | RESILTS | CTANDADD BOOK | |

| PARAMETERS | RESULTS | STANDARD PRESCRIBED BY CPCB | TEST METHOD |
|-------------------------------------|---------|-----------------------------------|------------------------------|
| Suspended Particulate Matter, µg/m3 | 4630 | 5000 | IS:5182 (P-4):1999 (RA:2019) |

Date: 21

Sital Singh (CEO) (Authorized Signato Date:

The results are related to test items only.