

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.

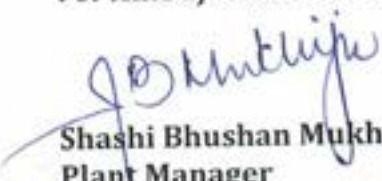
Respected Sir,

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: ecompliance-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
Plant Manager

Encl: As above

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

- Hard Copy

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 CONDITIONS		
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, SO ₂ and NO _x 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 SO ₂ and NO _x is not applicable in the mill stacks. Particulate matter emission levels are maintained <30 mg/Nm ³ for plant stacks and <50 mg/Nm ³ for boiler stacks. Complying with SO ₂ < 600 mg/Nm ³ and NO _x < 300 mg/Nm ³ 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 SO ₂ and NO _x 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 setup our target of power consumption for

	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.	<p>Ambient air quality is being monitored at the ten locations which include 5 nearby villages.</p> <p>Complying with the National Ambient Air Quality Emission Standards issued by the Ministry.</p> <p>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.</p> <p>Six monthly compliance report is being submitted on regular basis to the Regional Office, Ministry of Environment, Forests and Climate Change and SPCB.</p>
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.	<p>CPCB guidelines for control of fugitive emission have been implemented.</p> <p>Following measures have been taken for the control of fugitive emission:</p> <ol style="list-style-type: none"> All transfer points and storage silos are provided with dust collection and extraction systems for effective control of fugitive emissions. Use of Rail along with road transportation Clinker is being stored in clinker storage silo & covered shed, Gypsum and additives are being stored in covered storage sheds, fly ash & cement is being stored in silos. Raw material transfer conveyors are covered with GI sheets to avoid any secondary fugitive emissions. All roads and open areas in the plant are concreted and vehicle movement is allowed only through specific routes for control of secondary fugitive dust emissions.

		<p>e) Road sweeping machines are already deployed in the plant clear the spillage/dust accumulated on the roads to control the fugitive emissions and maintain proper housekeeping in the plant.</p> <p>f) Improved sealing arrangement in belt conveyors.</p> <p>g) Installed the wheel cleaning system (dry) & Wind wall arrangement for control of fugitive emissions.</p> <p>h) Water spray system has been provided.</p> <p>i) Greenbelt developed in plant area.</p> <p>j) 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.</p>
6.	<p>Efforts shall be made to reduce impact of the transport of the raw materials and end products on the Surrounding environment including agricultural land by use of conveyors/rail mode of transport wherever feasible. The company shall have separate truck parking area. Vehicular emissions shall be regularly monitored.</p>	<p>To ensure and reduce impact of transport on the surrounding environment; raw materials and cement is transported mostly by rail and in trucks covered with tarpaulin. Dry Fly ash is being received by pneumatic pipeline from nearby Guru Govind Singh Super Thermal Power Plant.</p> <p>Transport vehicles are periodically checked for Pollution Under Control certificate from approved agencies.</p> <p>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.</p> <p>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.</p>

		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 the treated waste water shall be recycled and reused in the process and/or for dust suppression and green belt development and other plant related activities etc. No process wastewater shall be discharged outside the factory premises and zero discharge shall be adopted.	<p>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.</p> <p>Domestic waste water is treated in Sewage Treatment Plant (STP) and it is being used for cooling in Power Plant and dust suppression system.</p> <p>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</p> <p>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.</p>
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.	<p>Green belt has been developed in the plant area with total green cover of more than 33%.</p> <p>Local native species are planted for increase survival rate.</p> <p>Plant species like Silver Oak, Aacacia, Ariaculifromis, Neem, Burma Neem, Chakrasia, Amaltas, Teak, Jamun, Jamoa, Satpati and Sagwan etc have been planted</p> <p>Total 31855 numbers of plant/sampling have been planted up to March 2024.</p> <p>Details attached as Annexure - II.</p>

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.	<p>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.</p> <p>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</p> <p>Details of Head wise expenses enclosed as Annexure - IV b.</p> <p>Apart from this we have upgraded the STP 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 Wheel Washing System for the trucks/tippers transporting wet ash from Thermal Plant Dykes with a capex of Rs. 25.00 Lakh.</p>
12.	The proponent shall prepare a detailed CSR Plan for every next 5 years for the existing-cum-expansion 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 i.e Ambuja Cement Foundation has spent an approximate amount of Rs.1.56 Crores on 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 as Annexure - IV b and Proposed CSR Expenses up to 2027 are enclosed as 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.	All the stipulations made by PPCB in their Consents are complied. Half yearly Compliance reports are sent to the regional office, Punjab Pollution Control Board on regular basis.

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.
3.	At least four ambient air quality 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.	<ul style="list-style-type: none"> Ambient air quality monitoring is being 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 Change, Chandigarh, CPCB/PPCB
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.	<ul style="list-style-type: none"> No wastewater is being generated from the dry cement manufacturing process. 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.
5.	The overall noise levels in and	<ul style="list-style-type: none"> Overall noise level in and around the

	<p>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).</p>	<p>plant area are well within the prescribed standards of 85 dB (A)</p> <ul style="list-style-type: none"> 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.	<p>Constructed rainwater harvesting structures of approximately 1 Lakh m³ for collection of rain water, which is further being used in Cooling Tower.</p> <p>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.</p>
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 Socio-economic development activities	<p>All the environmental protection safeguards are being done.</p> <p>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 as Annexure - IV a.</p>

	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	Six monthly compliance reports in respect of Post Environment Clearance Monitoring (Rule 10 of EIA Notification, 2006, dated 14.09.2006) being timely submitted to the

	<p>results of monitored data on their Website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEF&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.</p>	<p>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.</p>
12.	<p>The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitoring data (both in hard copies as well as in email) to the Regional Office of MOEF&CC, the respective zonal office of CPCB and the SPCB. The Regional Office of this Ministry at Chandigarh /CPCB/SPCB shall monitor the stipulated conditions.</p>	<p>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: ecompliance-nro@gov.in.</p>
13.	<p>The environmental statement for 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 as prescribed under the Environment (Protection) Rules, 1986, as amended Subsequently, shall also be put on the website of the company along with the Status of compliance of environmental conditions and shall also be sent to the respective Regional Office of</p>	<p>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.</p>

	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 TESTING LABORATORY

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

NABET Accredited EIA Consultant



Annexure - I a

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

Phone : 0172-4669295

Lab : 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

Form No. CPTLF7.8-II(A)

REPORTING DATE: 20-03-2024

REPORT No. CPTL/2024/03/38(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:	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/2024/03/38(A)	Sample Collected By:	Navjot Singh & Team
Nature of Sample:	Air Sample		

TECHNICAL DATA

1.	Name of Plant/Section	Fly Ash Handling Silo (East Gate)
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	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
Particulate Matter (PM) mg/Nm ³	21.9	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:

20/03/2024

- 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.
- Sample will be destroyed after retention time unless otherwise specified.

END OF REPORT



CHANDIGARH POLLUTION TESTING LABORATORY

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

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E-mail : cptl126@gmail.com ; lab@cptl.co.in
Website : www.cptl.co.in



TEST CERTIFICATE

Format No. CPTLF7.8-I(A)

REPORTING DATE: 20-03-2024

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 7.3-1	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/2024/03/40(A)	Sample Collected By:	Navjot Singh & Team
Nature of Sample:	Air Sample		

TECHNICAL DATA

1.	Name of Plant/Section	Stack 51A-BC4 to 51A-BC-5 (Transfer Point)
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	22.2°C
9.	Stack Air Temperature	22.8°C
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	24.6	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: 20/03/2024

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END OF REPORT



CHANDIGARH POLLUTION TESTING LABORATORY

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

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TEST CERTIFICATE

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

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

NAME OF INDUSTRY:	M/s. AMBUJA CEMENT LTD., (UNIT-ROPAR), VILL.-DABURJI, P.O.-LODHIMAJRA, DISTT.- ROPAR.
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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		

TECHNICAL 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.	*APCD	Bag Filter

PARAMETERS	RESULTS	PRESCRIBED STANDARD BY CPCB	TEST METHOD
Particulate Matter (PM) mg/Nm ³	19.9	30.0	IS:11255 (Part-1) 1985 (RA:2019)

*represent the information provided by the customer.

Chemist in-Charge
Date: 21/3/2024

Sital Singh (CEO)
(Authorized Signatory)
Date: 21/3/2024

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- Sample will be destroyed after retention time unless otherwise specified.

END OF REPORT



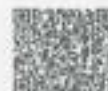
CHANDIGARH POLLUTION TESTING LABORATORY

(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, Indl. Area, Mohali - 160055
Phone : 0172-5090312
E-mail : cpl126@gmail.com ; lab@cpl.co.in
Website : www.cpl.co.in



TEST CERTIFICATE

Format No. CPTLF7.8-I(A)

REPORT No. CPTL/2024/03/39(A)

REPORTING DATE: 20-03-2024

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:	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/2024/03/39(A)	Sample Collected By:	Navjot Singh & Team
Nature of Sample:	Air Sample		

TECHNICAL 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
4.	Location of Sampling Point	As per Standard
5.	*Diameter of Stack	1.12 meter (Top) ; 1.12 meter (Bottom)
6.	*Height of Stack	6.6 meter from Ground level
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
Particulate Matter (PM) mg/Nm ³	23.8	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: 20/3/2024

- The results are related to test items only.
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END OF REPORT



CHANDIGARH POLLUTION TESTING LABORATORY

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

NABET Accredited EIA Consultant



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



TEST CERTIFICATE

REPORT No. CPTL/2024/03/36(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.
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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:	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/2024/03/36(A)	Sample Collected By:	Navjot Singh & Team
Nature of Sample:	Air Sample		

TECHNICAL DATA

1.	Name of Plant/Section	Stack of Clinker 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.	*APCD	Bag Filter

PARAMETERS	RESULTS	PRESCRIBED STANDARD BY CPCB	TEST METHOD
Particulate Matter (PM) mg/Nm ³	22.4	30.0	IS:11255 (Part-1) 1985 (RA:2019)

*represent the information provided by the customer.

Chemist in Charge
Date: 28/3/2024

Sital Singh (CEO)
(Authorized Signatory)
Date: 20/03/2024

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CHANDIGARH POLLUTION TESTING LABORATORY

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Website : www.cptl.co.in



TEST CERTIFICATE

REPORT No. CPTL/2024/03/55(A)

Format No. CPTLF7.8-J(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:	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
Nature of Sample:	Air Sample		

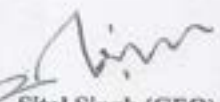
TECHNICAL DATA

1.	Name of Plant/Section	Stack of Clinker Loading 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	9.8 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 (Part-1) 1985 (RA:2019)

*represent the information provided by the customer.


Chemist in Charge
Date: 21/3/2024


Sital Singh (CEO)
(Authorized Signatory)
Date: 21/03/2024

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Website : www.cptl.co.in



TEST CERTIFICATE

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

Formal No. CPTLF7.5-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

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/2024/03/67(A)	Sample Collected By:	Navjot Singh & Team
Nature of Sample:	Air Sample		

TECHNICAL DATA

1.	Name of Plant/Section	Old Clinker Tippler Stack-02
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	24.1°C
10.	Velocity of Flue Gases	9.34 m/sec
11.	*APCD	Bag House

PARAMETERS

RESULTS

PRESCRIBED STANDARD BY CPCB

TEST METHOD

Particulate Matter (PM) mg/Nm³

23.6

30.0

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

*represent the information provided by the customer.

Chemist in Charge
Date: 21/3/2024

Sital Singh (CEO)
(Authorized Signatory)
Date: 21/03/2024

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TEST CERTIFICATE

REPORT No. CPTL/2024/03/66a(A)

Format No. CPTLF7.8-1(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/2024/03/66(A)	Sample Collected By:	Navjot Singh & Team
Nature of Sample:	Air Sample		

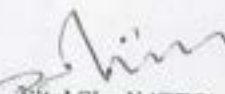
TECHNICAL DATA

1.	Name of Plant/Section	Old Clinker Tippler 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.	*APCD	Bag House

PARAMETERS	RESULTS	PRESCRIBED STANDARD BY CPCB	TEST METHOD
Particulate Matter (PM) mg/Nm ³	20.8	30.0	IS:11255 (Part-1) 1985 (RA:2019)

*represent the information provided by the customer.


Chemist in Charge
Date: 21/3/2024


Sital Singh (CEO)
(Authorized Signatory)
Date: 21/3/2024

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Website : www.cptl.co.in



TEST CERTIFICATE

REPORT No. CPTL/2024/03/42a(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.

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:	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/2024/03/42(A)	Sample Collected By:	Navjot Singh & Team
Nature of Sample:	Air Sample		

TECHNICAL DATA

1.	Name of Plant/Section	New Clinker Tippler Stack 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	40.0 minutes
8.	Ambient Air Temperature	22.2°C
9.	Stack Air Temperature	22.8°C
10.	Velocity of Flue Gases	9.6 m/sec
11.	*APCD	Bag Filter

PARAMETERS	RESULTS	PRESCRIBED STANDARD BY CPCB	TEST METHOD
Particulate Matter (PM) mg/Nm ³	23.6	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: 20/3/2024

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Website : www.cptl.co.in



TEST CERTIFICATE

REPORT No. CPTL/2024/03/41(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.

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:	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/2024/03/41(A)	Sample Collected By:	Navjot Singh & Team
Nature of Sample:	Air Sample		

TECHNICAL DATA

1.	Name of Plant/Section	New Clinker Tippler Stack 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	22.4°C
9.	Stack Air Temperature	22.9°C
10.	Velocity of Flue Gases	8.6 m/sec
11.	*APCD	Bag Filter

PARAMETERS

RESULTS

PRESCRIBED STANDARD BY CPCB

TEST METHOD

Particulate Matter (PM) mg/Nm ³	23.8	30.0	IS:11255 (Part-1) 1985 (RA:2019)
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*represent the information provided by the customer.

Chemist in Charge
Date: 20/03/2024

Sital Singh (CEO)
(Authorized Signatory)
Date: 20/03/2024

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END OF REPORT

Page 1 of 1



TEST CERTIFICATE

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


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/2024/03/62(A)	Sample Collected By:	Navjot Singh & Team
Nature of Sample:	Air Sample		

TECHNICAL 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
9.	Stack Air Temperature	23.5°C
10.	Velocity of Flue Gases	8.31 m/sec
11.	*APCD	Bag Filter

PARAMETERS	RESULTS	PRESCRIBED STANDARD BY CPCB	TEST METHOD
Particulate Matter (PM) mg/Nm ³	22.4	30.0	IS:11255 (Part-1) 1985 (RA:2019)

*represent the information provided by the customer.


Chemist in Charge
Date: 21/3/2024


Sital Singh (CEO)
(Authorized Signatory)
Date: 21/3/2024

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Website : www.cptl.co.in



TEST CERTIFICATE

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

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/2024/03/61(A)	Sample Collected By:	Navjot Singh & Team
Nature of Sample:	Air Sample		

TECHNICAL 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	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
10.	Velocity of Flue Gases	8.60 m/sec
11.	*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)
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*represent the information provided by the customer.

Chemist in Charge
Date: 21/3/2024

Sital Singh (CEO)
(Authorized Signatory)
Date: 21/03/2024

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Website : www.cptl.co.in



TEST CERTIFICATE

Format No. CPTLF7.8-I(A)

REPORT No. CPTL/2024/03/60a(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-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/2024/03/60(A)	Sample Collected By:	Navjot Singh & Team
Nature of Sample:	Air Sample		

TECHNICAL 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	As per Standard
5.	*Diameter of Stack	0.74 meter (Top) ; 0.74 meter (Bottom)
6.	*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
Particulate Matter (PM) mg/Nm ³	21.4	30.0	IS:11255 (Part-1) 1985 (RA:2019)

*represent the information provided by the customer.

Chemist in Charge
Date: 21/3/2024

Sital Singh (CEO)
(Authorized Signatory)
Date: 21/03/2024

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CHANDIGARH POLLUTION TESTING LABORATORY

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

NABET Accredited EIA Consultant



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Phone : 0172-5090312
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Website : www.cptl.co.in



TEST CERTIFICATE

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

Format No. CPTLF7.8-1(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-I	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/2024/03/59(A)	Sample Collected By:	Navjot Singh & Team
Nature of Sample:	Air Sample		

TECHNICAL 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 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	23.6°C
9.	Stack Air Temperature	23.8°C
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	21.6	30.0	IS:11255 (Part-1) 1985 (RA:2019)

*represent the information provided by the customer.

Chemist in Charge
Date: 21/3/2024

Sital Singh (CEO)
(Authorized Signatory)

Date: 21/03/2024

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(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, Indl. Area, Mohali - 160055
Phone : 0172-5090312
E-mail : cptle126@gmail.com ; lab@cptl.co.in
Website : www.cptl.co.in



TEST CERTIFICATE

REPORT No. CPTL/2024/03/56(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

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:	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/2024/03/56(A)	Sample Collected By:	Navjot Singh & Team
Nature of Sample:	Air Sample		

TECHNICAL 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
4.	Location of Sampling Point	As per Standard
5.	*Diameter of Stack	1.25 meter (Top) ; 1.25 meter (Bottom)
6.	*Height of Stack	38.5 meter from Ground level
7.	Sampling Time	35.0 minutes
8.	Ambient Air Temperature	23.4°C
9.	Stack Air Temperature	24.6°C
10.	Velocity of Flue Gases	8.6 m/sec
11.	*APCD	Bag Filter

PARAMETERS

RESULTS

PRESCRIBED STANDARD BY CPCB

TEST METHOD

Particulate Matter (PM) mg/Nm ³	21.2	30.0	IS:11255 (Part-1) 1985 (RA:2019)
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*represent the information provided by the customer.

Chemist in Charge

Date: 21/3/2024

Sital Singh (CEO)
(Authorized Signatory)

Date: 21/03/2024

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Website : www.cptl.co.in



TEST CERTIFICATE

Format No. CPTLF7.8-I(A)

REPORT No. CPTL/2024/03/58a(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:	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/2024/03/58(A)	Sample Collected By:	Navjot Singh & Team
Nature of Sample:	Air Sample		

TECHNICAL DATA

1.	Name of Plant/Section	Stack of Packer 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	1.0 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
10.	Velocity of Flue Gases	9.58 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 (Part-1) 1985 (RA:2019)
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*represent the information provided by the customer.

Chemist in Charge
Date: 21/3/2024

Sital Singh (CEO)
(Authorized Signatory)
Date: 21/03/2024

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CHANDIGARH POLLUTION TESTING LABORATORY

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Phone : 0172-5090312
E-mail : cpl126@gmail.com ; lab@cpl.co.in
Website : www.cpl.co.in



TEST CERTIFICATE

Format No. CPTLF7.8-II(A)

REPORTING DATE: 21-03-2024

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:	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/2024/03/57(A)	Sample Collected By:	Navjot Singh & Team
Nature of Sample:	Air Sample		

TECHNICAL DATA

1.	Name of Plant/Section	Stack of Packer 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	1.0 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.	*APCD	Bag Filter

PARAMETERS	RESULTS	PRESCRIBED STANDARD BY CPCB	TEST METHOD
Particulate Matter (PM) mg/Nm ³	23.2	30.0	IS:11255 (Part-1) 1985 (RA:2019)

*represent the information provided by the customer.

Chemist In Charge
Date: 21/3/2024

Sital Singh (CEO)
(Authorized Signatory)
Date: 21/03/2024

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TEST CERTIFICATE

REPORT No. CPTL/2024/03/54(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,
DIST.- 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/2024/03/54(A)	Sample Collected By:	Navjot Singh & Team
Nature of Sample:	Air Sample		

TECHNICAL DATA

1.	Name of Plant/Section	Stack-1 of Cement 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.	Velocity of Flue Gases	9.80 m/sec
11.	*APCD	Bag Filter

PARAMETERS

RESULTS

PRESCRIBED STANDARD BY CPCB

TEST METHOD

Particulate Matter (PM) mg/Nm ³	24.3	30.0	IS:11255 (Part-I) 1985 (RA:2019)
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*represent the information provided by the customer.

Chemist in Charge
Date: 21/3/2024

Situl Singh (CEO)
(Authorized Signatory)
Date: 21/03/2024

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END OF REPORT



TEST CERTIFICATE

REPORT No. CPTL/2024/03/53(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

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:	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/2024/03/53(A)	Sample Collected By:	Navjot Singh & Team
Nature of Sample:	Air Sample		

TECHNICAL DATA

1.	Name of Plant/Section	Cement Mill No.-3 (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	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
CPCB**

TEST METHOD

Particulate Matter (PM) mg/Nm ³	22.4	30.0	IS:11255 (Part-1) 1985 (RA:2019)
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*represent the information provided by the customer.

Chemist in Charge
Date: 21/3/2024

Sital Singh (CEO)
(Authorized Signatory)

Date: 21/03/2024

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TEST CERTIFICATE

REPORT No. CPTL/2024/03/37(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,
DIST.- 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:	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		

TECHNICAL DATA

1.	Name of Plant/Section	Cement Steel Silo
2.	Source of Emission	Process Emission
3.	*Type Of Fuel/Quantity	NA
4.	Location of Sampling Point	As per Standard
5.	*Diameter of Stack	0.80 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.	Velocity of Flue Gases	9.78 m/sec
11.	*APCD	Bag Filter

PARAMETERS	RESULTS	PRESCRIBED STANDARD BY CPCB	TEST METHOD
Particulate Matter (PM) mg/Nm ³	23.8	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: 20/3/2024

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Website : www.cptl.co.in



TEST CERTIFICATE

Format No. CPTLF7.8-I(A)

REPORT No. CPTL/2024/03/52(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-I	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/2024/03/52(A)	Sample Collected By:	Navjot Singh & Team
Nature of Sample:	Air Sample		

TECHNICAL DATA

1.	Name of Plant/Section	Stack of Bulker Loading
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	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 (Part-1) 1985 (RA:2019)

*represent the information provided by the customer.

Chemist in Charge
Date: 21/3/2024

Sital Singh (CEO)
(Authorized Signatory)
Date: 21/03/2024

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TEST CERTIFICATE

REPORT No. CPTL/2024/03/51a(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

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/2024/03/51(A)	Sample Collected By:	Navjot Singh & Team
Nature of Sample:	Air Sample		

TECHNICAL 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	1.09 meter (Top) ; 1.09 meter (Bottom)
6.	*Height of Stack	38.0 meter from Ground level
7.	Sampling Time	35.0 minutes
8.	Ambient Air Temperature	23.8°C
9.	Stack Air Temperature	68.2°C
10.	Velocity of Flue Gases	9.9 m/sec
11.	*APCD	Bag Filter

PARAMETERS

RESULTS

**PRESCRIBED
STANDARD BY
CPCB**

TEST METHOD

Particulate Matter (PM) mg/Nm ³	23.2	30.0	IS:11255 (Part-1) 1985 (RA:2019)
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*represent the information provided by the customer.

Chemist in Charge
Date: 21/3/2024

Sital Singh (CEO)
(Authorized Signatory)
Date: 21/03/2024

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Website : www.cptl.co.in



TEST CERTIFICATE

REPORT No. CPTL/2024/03/50a(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

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:	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/2024/03/50(A)	Sample Collected By:	Navjot Singh & Team
Nature of Sample:	Air Sample		

TECHNICAL DATA

1.	Name of Plant/Section	Cement Mill No.-3 (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	23.4°C
9.	Stack Air Temperature	68.5°C
10.	Velocity of Flue Gases	9.70 m/sec
11.	*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.

Chemist in-Charge
Date: 21/3/2024

Sital Singh (CEO)
(Authorized Signatory)
Date: 21/03/2024

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TEST CERTIFICATE

Format No. CPTLF7.8-I(A)

REPORT No. CPTL/2024/03/45a(A)

REPORTING DATE: 20-03-2024

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:	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/2024/03/45(A)	Sample Collected By:	Navjot Singh & Team
Nature of Sample:	Air Sample		

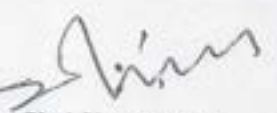
TECHNICAL DATA

1.	Name of Plant/Section	Cement Mill No.-2 (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	1.12 meter (Top) ; 1.12 meter (Bottom)
6.	*Height of Stack	38.0 meter from Ground level
7.	Sampling Time	35.0 minutes
8.	Ambient Air Temperature	22.6°C
9.	Stack Air Temperature	63.8°C
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	30.0	IS:11255 (Part-1) 1985 (RA:2019)

*represent the information provided by the customer.


Chemist in Charge
Date: 25/3/2024


Sital Singh (CEO)
(Authorized Signatory)
Date: 22/03/2024

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END OF REPORT

Page 1 of 1



CHANDIGARH POLLUTION TESTING LABORATORY

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

NABET Accredited EIA Consultant



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

Format No. CPTLF7.8-I(A)

REPORT No. CPTL/2024/03/44a(A)

REPORTING DATE: 20-03-2024

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-I	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/2024/03/44(A)	Sample Collected By:	Navjot Singh & Team
Nature of Sample:	Air Sample		

TECHNICAL DATA

1.	Name of Plant/Section	Cement Mill No.-1 (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
Particulate Matter (PM) mg/Nm ³	24.6	30.0	IS:11255 (Part-1) 1985 (RA:2019)

*represent the information provided by the customer.

Chemist in-Charge
Date: 20/03/2024

Sital Singh (CEO)
(Authorized Signatory)
Date: 20/03/2024

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CHANDIGARH POLLUTION TESTING LABORATORY

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Website : www.cptl.co.in



TEST CERTIFICATE

Format No. CPTLF7.8-I(A)

REPORTING DATE: 20-03-2024

REPORT No. CPTL/2024/03/43a(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:	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/2024/03/43(A)	Sample Collected By:	Navjot Singh & Team
Nature of Sample:	Air Sample		

TECHNICAL DATA

1.	Name of Plant/Section	Cement Mill 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	1.37 meter (Top) ; 1.37 meter (Bottom)
6.	*Height of Stack	37.0 meter from Ground level
7.	Sampling Time	35.0 minutes
8.	Ambient Air Temperature	21.6°C
9.	Stack Air Temperature	64.5°C
10.	Velocity of Flue Gases	8.9 m/sec
11.	*APCD	Bag Filter

PARAMETERS

RESULTS

PRESCRIBED STANDARD BY CPCB

TEST METHOD

Particulate Matter (PM) mg/Nm ³	23.6	30.0	IS:11255 (Part-1) 1985 (RA:2019)
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*represent the information provided by the customer.

Chemist in Charge
Date: 20/3/2024

Sital Singh (CEO)
(Authorized Signatory)
Date: 20/03/2024

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TEST CERTIFICATE

Form No. CPTLF 7.8-I(A)

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

REPORTING DATE: 21-03-2024

NAME OF INDUSTRY:	M/s. AMBUJA CEMENT LTD., (UNIT-ROPAR), VILL.-DABURJI, P.O.-LODHIMAJRA, DISTT.- ROPAR.
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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/2024/03/65(A)	Sample Collected By:	Navjot Singh & Team
Nature of Sample:	Air Sample		

TECHNICAL DATA

1.	Name of Plant/Section	Cement Mill 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	1.09 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.	*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.

Chemist in Charge
Date: 21/3/2024

Sital Singh (CEO)
(Authorized Signatory)
Date: 21/03/2024

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Website : www.cptl.co.in



TEST CERTIFICATE

Format No. CPTLF7.8-I(A)

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

REPORTING DATE: 21-03-2024

NAME OF INDUSTRY:	M/s. AMBUJA CEMENT LTD., (UNIT-ROPAR), VILL.-DABURJI, P.O.-LODHIMAJRA, DISTT.- ROPAR.
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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/2024/03/64(A)	Sample Collected By:	Navjot Singh & Team
Nature of Sample:	Air Sample		

TECHNICAL DATA

1.	Name of Plant/Section	Cement Mill 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	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.	*APCD	Bag House

PARAMETERS	RESULTS	PRESCRIBED STANDARD BY CPCB	TEST METHOD
Particulate Matter (PM) mg/Nm ³	23.8	30.0	IS:11255 (Part-1) 1985 (RA:2019)

*represent the information provided by the customer.

Satish
Chemist in Charge
Date: 21/3/2024

Sital Singh
Sital Singh (CEO)
(Authorized Signatory)
Date: 21/03/2024

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Website : www.cptl.co.in



Format No. CPTLF7.8-I(A)

TEST CERTIFICATE

REPORT No. CPTL/2024/03/63a(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/2024/03/63(A)	Sample Collected By:	Navjot Singh & Team
Nature of Sample:	Air Sample		

TECHNICAL DATA

1.	Name of Plant/Section	Cement Mill 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	1.09 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	23.2°C
9.	Stack Air Temperature	62.8°C
10.	Velocity of Flue Gases	7.60 m/sec
11.	*APCD	Bag House

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.

Chemist in Charge
Date: 21/3/2024

Sital Singh (CEO)
(Authorized Signatory)
Date: 21/3/2024

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END OF REPORT



TEST CERTIFICATE

REPORT No. CPTL/2024/03/22(A)

Format No. CPTL.F7.8-I(A)

REPORTING DATE: 20-03-2024

NAME OF INDUSTRY:

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

SAMPLE PARTICULARS

Sampling Plan Ref No.:	CPTLF 7.3-1	Type of Sample:	Ambient Air
Sampling Method:	CPTL/SM/01	Location of Sampling Station:	Vill.- Rattanpura
Date of Sample Collection:	15-03-2024	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/2024/03/22(A)	Sample Collected By:	Navjot Singh & Team
Nature of Sample:	Air Sample		

TECHNICAL DATA

1.	Location of sampling station	Village-Rattanpura
2.	Instrument used for sampling	RDS,FPS Benzene Sampler & Gaseous Attachments
3.	Time period for sampling	1440 minutes

PARAMETERS	RESULTS	AS PER NAAQS- 2009 PRESCRIBED BY CPCB	TEST METHOD
Particulate Matter (PM ₁₀), µg/m ³	77.8	100	IS:5182 (P-23): 2006, (RA - 2012)
Particulate Matter (PM _{2.5}), µg/m ³	38.0	60	IS: 5182:(P-24):2019
Sulphur 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)
Ammonia (NH ₃), µg/m ³	ND (DL-20)	400	Indophenol Method, CPCB Guidelines (Vol. 1)
Ozone (O ₃), µg/m ³	20.2	100	IS:5182 (P-9): 1974, (RA - 2012)
Benzene (C ₆ H ₆), µg/m ³	ND (DL-1.8)	05	IS:5182 (P-11): 2006
Benzo (a) Pyrene (BaP), ng/m ³	ND (DL-0.9)	01	IS:5182 (P-12): 2004
Carbon monoxide (CO), mg/m ³	0.58	4	IS:5182 (Part-10): 1999, (RA - 2009)
Lead (Pb), µg/m ³	ND (DL-0.1)	1.0	IS:5182 (Part-22): 2004
Nickel (Ni), ng/m ³	ND (DL-5.0)	20	CPCB Guideline, Volume-1: 2011
Arsenic (As), ng/m ³	ND (DL-0.7)	06	CPCB Guideline, Volume-1: 2011

DL-Detection Limit
ND-Not Detected

Chemist in Charge
Date: 20/3/2024

Sital Singh (CEO)
(Authorized Signatory)
Date: 20/03/2024

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Website : www.cptl.co.in



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.

SAMPLE PARTICULARS

Sampling Plan Ref No.:	CPTLF 7.3-I	Type of Sample:	Ambient Air
Sampling Method:	CPTL/SM/01	Location of Sampling Station:	Worker Colony
Date of Sample Collection:	15-03-2024	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/2024/03/23(A)	Sample Collected By:	Navjot Singh & Team
Nature of Sample:	Air Sample		

TECHNICAL DATA

1.	Location of sampling station	Worker Colony
2.	Instrument used for sampling	RDS,FPS Benzene Sampler & Gaseous Attachments
3.	Time period for sampling	1440 minutes

PARAMETERS	RESULTS	AS PER NAAQS- 2009 PRESCRIBED BY CPCB	TEST METHOD
Particulate Matter (PM ₁₀), µg/m ³	75.8	100	IS:5182 (P-23): 2006, (RA - 2012)
Particulate Matter (PM _{2.5}), µg/m ³	35.0	60	IS: 5182:(P-24):2019
Sulphur 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)
Ammonia (NH ₃), µg/m ³	ND (DL-20)	400	Indophenol Method, CPCB Guidelines (Vol. 1)
Ozone (O ₃), µg/m ³	20.2	100	IS:5182 (P-9): 1974, (RA - 2012)
Benzene (C ₆ H ₆), µg/m ³	ND (DL-1.8)	05	IS:5182 (P-11): 2006
Benzo (a) Pyrene (BaP), ng/m ³	ND (DL-0.9)	01	IS:5182 (P-12): 2004
Carbon monoxide (CO), mg/m ³	0.58	4	IS:5182 (Part-10): 1999, (RA - 2009)
Lead (Pb), µg/m ³	ND (DL-0.1)	1.0	IS:5182 (Part-22): 2004
Nickel (Ni), ng/m ³	ND (DL-5.0)	20	CPCB Guideline, Volume-1: 2011
Arsenic (As), ng/m ³	ND (DL-0.7)	06	CPCB Guideline, Volume-1: 2011

DL-Detection Limit

ND-Not Detected

Chemist in Charge
Date: 20/03/2024

Sital Singh (CEO)
(Authorized Signatory)
Date: 20/03/2024

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END OF REPORT

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TEST CERTIFICATE

REPORT No. CPTL/2024/03/27(A)

Format No. CPTLF7.8-1(A)

REPORTING DATE: 20-03-2024

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:	Ambient Air
Sampling Method:	CPTL/SM/01	Location of Sampling Station:	Biomass Storage
Date of Sample Collection:	15-03-2024	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/2024/03/27(A)	Sample Collected By:	Navjot Singh & Team
Nature of Sample:	Air Sample		

TECHNICAL DATA

1.	Location of sampling station	Biomass Storage
2.	Instrument used for sampling	RDS,FPS Benzene Sampler & Gaseous Attachments
3.	Time period for sampling	1440 minutes

PARAMETERS	RESULTS	AS PER NAAQS- 2009 PRESCRIBED BY CPCB	TEST METHOD
Particulate Matter (PM ₁₀), µg/m ³	82.8	100	IS:5182 (P-23): 2006, (RA - 2012)
Particulate Matter (PM _{2.5}), µg/m ³	39.2	60	IS: 5182:(P-24):2019
Sulphur dioxide (SO ₂), µg/m ³	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)
Ammonia (NH ₃), µg/m ³	ND (DL-20)	400	Indophenol Method, CPCB Guidelines (Vol. 1)
Ozone (O ₃), µg/m ³	20.6	100	IS:5182 (P-9): 1974, (RA - 2012)
Benzene (C ₆ H ₆), µg/m ³	ND (DL-1.8)	05	IS:5182 (P-11): 2006
Benzo (a) Pyrene (BaP), ng/m ³	ND (DL-0.9)	01	IS:5182 (P-12): 2004
Carbon monoxide (CO), mg/m ³	0.54	4	IS:5182 (Part-10): 1999, (RA - 2009)
Lead (Pb), µg/m ³	ND (DL-0.1)	1.0	IS:5182 (Part-22): 2004
Nickel (Ni), ng/m ³	ND (DL-5.0)	20	CPCB Guideline, Volume-1: 2011
Arsenic (As), ng/m ³	ND (DL-0.7)	06	CPCB Guideline, Volume-1: 2011

DL-Detection Limit

ND-Not Detected

Chemist in Charge
Date: 20/03/2024

Sital Singh (CEO)
(Authorized Signatory)
Date: 20/03/2024

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Website : www.cptl.co.in



TEST CERTIFICATE

Format No. CPTLF7.8-1(A)

REPORT No. CPTL/2024/03/25(A)

REPORTING DATE: 20-03-2024

NAME OF INDUSTRY:	M/s. AMBUJA CEMENT LTD., (UNIT-ROPAR), VILL.-DABURJI, P.O.-LODHIMAJRA, DISTT.- ROPAR.
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SAMPLE PARTICULARS

Sampling Plan Ref No.:	CPTLF 7.3-1	Type of Sample:	Ambient Air
Sampling Method:	CPTL/SM/01	Location of Sampling Station:	Clinker Truck Yard
Date of Sample Collection:	15-03-2024	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/2024/03/25(A)	Sample Collected By:	Navjot Singh & Team
Nature of Sample:	Air Sample		

TECHNICAL DATA

1.	Location of sampling station	Clinker Truck Yard
2.	Instrument used for sampling	RDS,FPS Benzene Sampler & Gaseous Attachments
3.	Time period for sampling	1440 minutes

PARAMETERS	RESULTS	AS PER NAAQS- 2009 PRESCRIBED BY CPCB	TEST METHOD
Particulate Matter (PM ₁₀), µg/m ³	78.8	100	IS:5182 (P-23): 2006, (RA - 2012)
Particulate Matter (PM _{2.5}), µg/m ³	38.3	60	IS: 5182:(P-24):2019
Sulphur 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	80	IS:5182 (P-6): 2006, (RA - 2012)
Ammonia (NH ₃), µg/m ³	ND (DL-20)	400	Indophenol Method, CPCB Guidelines (Vol. 1)
Ozone (O ₃), µg/m ³	20.0	100	IS:5182 (P-9): 1974, (RA - 2012)
Benzene (C ₆ H ₆), µg/m ³	ND (DL-1.8)	05	IS:5182 (P-11): 2006
Benzo (a) Pyrene (BaP), ng/m ³	ND (DL-0.9)	01	IS:5182 (P-12): 2004
Carbon monoxide (CO), mg/m ³	0.54	4	IS:5182 (Part-10): 1999, (RA - 2009)
Lead (Pb), µg/m ³	ND (DL-0.1)	1.0	IS:5182 (Part-22): 2004
Nickel (Ni), ng/m ³	ND (DL-5.0)	20	CPCB Guideline, Volume-1: 2011
Arsenic (As), ng/m ³	ND (DL-0.7)	06	CPCB Guideline, Volume-1: 2011

DL-Detection Limit
ND-Not Detected

Chemist in Charge
Date: 20/3/2024

Sital Singh (CEO)
(Authorized Signatory)
Date: 20/03/2024

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END OF REPORT



CHANDIGARH POLLUTION TESTING LABORATORY

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

NABET Accredited EIA Consultant



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Website : www.cpl.co.in



TEST CERTIFICATE

REPORT No. CPTL/2024/03/26(A)

Format No. CPTL/P7.8-I(A)

REPORTING DATE: 20-03-2024

NAME OF INDUSTRY:

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

SAMPLE PARTICULARS

Sampling Plan Ref No.:	CPTLF 7.3-1	Type of Sample:	Ambient Air
Sampling Method:	CPTL/SM/01	Location of Sampling Station:	Gunny Bag House
Date of Sample Collection:	15-03-2024	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/2024/03/26(A)	Sample Collected By:	Navjot Singh & Team
Nature of Sample:	Air Sample		

TECHNICAL DATA

1.	Location of sampling station	Gunny Bag House
2.	Instrument used for sampling	RDS,FPS Benzene Sampler & Gaseous Attachments
3.	Time period for sampling	1440 minutes

PARAMETERS	RESULTS	AS PER NAAQS- 2009 PRESCRIBED BY CPCB	TEST METHOD
Particulate Matter (PM ₁₀), µg/m ³	75.4	100	IS:5182 (P-23): 2006, (RA - 2012)
Particulate Matter (PM _{2.5}), µg/m ³	36.3	60	IS: 5182:(P-24):2019
Sulphur dioxide (SO ₂), µg/m ³	6.6	80	IS:5182 (P-2): 2001, (RA-2012)
Nitrogen Dioxide (NO ₂), µg/m ³	16.4	80	IS:5182 (P-6): 2006, (RA - 2012)
Ammonia (NH ₃), µg/m ³	ND (DL-20)	400	Indophenol Method, CPCB Guidelines (Vol. 1)
Ozone (O ₃), µg/m ³	20.2	100	IS:5182 (P-9): 1974, (RA - 2012)
Benzene (C ₆ H ₆), µg/m ³	ND (DL-1.8)	05	IS:5182 (P-11): 2006
Benzo (a) Pyrene (BaP), ng/m ³	ND (DL-0.9)	01	IS:5182 (P-12): 2004
Carbon monoxide (CO), mg/m ³	0.55	4	IS:5182 (Part-10): 1999, (RA - 2009)
Lead (Pb), µg/m ³	ND (DL-0.1)	1.0	IS:5182 (Part-22): 2004
Nickel (Ni), ng/m ³	ND (DL-5.0)	20	CPCB Guideline, Volume-1: 2011
Arsenic (As), ng/m ³	ND (DL-0.7)	06	CPCB Guideline, Volume-1: 2011

DL-Detection Limit

ND-Not Detected

Chemist in Charge
Date: 20/3/2024

Sital Singh (CEO)
(Authorized Signatory)
Date: 20/03/2024

- The results are related to test items only.
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END OF REPORT

Page 1 of 1



CHANDIGARH POLLUTION TESTING 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, Indl. Area, Mohali - 160055
Phone : 0172-5090312
E-mail : cpl126@gmail.com ; lab@cpl.co.in
Website : www.cpl.co.in



TEST CERTIFICATE

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

SAMPLE PARTICULARS

Sampling Plan Ref No.:	CPTLF 7.3-1	Type of Sample:	Ambient Air
Sampling Method:	CPTL/SM/01	Location of Sampling Station:	ACL Colony
Date of Sample Collection:	15-03-2024	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/2024/03/24(A)	Sample Collected By:	Navjot Singh & Team
Nature of Sample:	Air Sample		

TECHNICAL DATA

- Location of sampling station: ACL Colony
- Instrument used for sampling: RDS,FPS Benzene Sampler & Gaseous Attachments
- Time period for sampling: 1440 minutes

PARAMETERS	RESULTS	AS PER NAAQS- 2009 PRESCRIBED BY CPCB	TEST METHOD
Particulate Matter (PM ₁₀), µg/m ³	74.2	100	IS:5182 (P-23): 2006, (RA - 2012)
Particulate Matter (PM _{2.5}), µg/m ³	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	80	IS:5182 (P-6): 2006, (RA - 2012)
Ammonia (NH ₃), µg/m ³	ND (DL-20)	400	Indophenol Method, CPCB Guidelines (Vol. 1)
Ozone (O ₃), µg/m ³	20.2	100	IS:5182 (P-9): 1974, (RA - 2012)
Benzene (C ₆ H ₆), µg/m ³	ND (DL-1.8)	05	IS:5182 (P-11): 2006
Benzo (a) Pyrene (BaP), ng/m ³	ND (DL-0.9)	01	IS:5182 (P-12): 2004
Carbon monoxide (CO), mg/m ³	0.52	4	IS:5182 (Part-10): 1999, (RA - 2009)
Lead (Pb), µg/m ³	ND (DL-0.1)	1.0	IS:5182 (Part-22): 2004
Nickel (Ni), ng/m ³	ND (DL-5.0)	20	CPCB Guideline, Volume-1: 2011
Arsenic (As), ng/m ³	ND (DL-0.7)	06	CPCB Guideline, Volume-1: 2011

DL-Detection Limit

ND-Not Detected

Chemist in-Charge
Date: 20/3/2024

Sital Singh (CEO)
(Authorized Signatory)
Date: 20/03/2024

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CHANDIGARH POLLUTION TESTING LABORATORY

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

Annexure-1c



TEST CERTIFICATE

REPORT No. CPTL/2024/03/32(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.

SAMPLE PARTICULARS

Sampling Plan Ref No.:	CPTLF 7.3-I	Type of Sample:	Ambient Air (Fugitive Emissions)
Sampling Method:	CPTL/SM/01	Location of Sampling Station:	Biomass Handling Area
Date of Sample Collection:	15-03-2024	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/2024/03/32(A)	Sample Collected By:	Navjot Singh & Team
Nature of Sample:	Air Sample		

TECHNICAL DATA

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

PARAMETERS

RESULTS

STANDARD PRESCRIBED BY CPCB

TEST METHOD

Suspended Particulate Matter, $\mu\text{g}/\text{m}^3$	4648	5000	IS:5182 (P-4):1999 (RA:2019)
--	------	------	------------------------------

Chemist in Charge
Date: 20/3/2024

Sital Singh (CEO)
(Authorized Signatory)
Date: 20/03/2024

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TEST CERTIFICATE

REPORT No. CPTL/2024/03/69(A)

Format No. CPTL.F7.8-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

Sampling Plan Ref No.:	CPTLF 7.3-I	Type of Sample:	Ambient Air (Fugitive Emissions)
Sampling Method:	CPTL/SM/01	Location of Sampling Station:	Fly ash Handling Area
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/2024/03/69(A)	Sample Collected By:	Navjot Singh & Team
Nature of Sample:	Air Sample		

TECHNICAL DATA

1.	Location of sampling station	Fly Ash Handling Area (East gate)
2.	Instrument used for sampling	RDS
3.	Time period for sampling	240 minutes

<u>PARAMETERS</u>	<u>RESULTS</u>	<u>STANDARD PRESCRIBED BY CPCB</u>	<u>TEST METHOD</u>
Suspended Particulate Matter, $\mu\text{g}/\text{m}^3$	4680	5000	IS:5182 (P-4):1999 (RA:2019)

Chemist in Charge
Date: 21/3/2024

Sital Singh (CEO)
(Authorized Signatory)
Date: 21/03/2024

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Website : www.cptl.co.in



TEST CERTIFICATE

REPORT No. CPTL/2024/03/49(A)

Format No. CPTLF7.8-1(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:	Ambient Air (Fugitive Emissions)
Sampling Method:	CPTL/SM/01	Location of Sampling Station:	Clinker Loading Plant Area
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/2024/03/49(A)	Sample Collected By:	Navjot Singh & Team
Nature of Sample:	Air Sample		

TECHNICAL DATA

1.	Location of sampling station	Clinker Loading Plant Area (Near FAD-2)
2.	Instrument used for sampling	High Volume Sampler
3.	Time period for sampling	240 minutes

PARAMETERS	RESULTS	STANDARD PRESCRIBED BY CPCB	TEST METHOD
Suspended Particulate Matter, $\mu\text{g}/\text{m}^3$	1780	2000	IS:5182 (P-4):1999 (RA:2019)

Chemist-in-Charge

Date: 21/3/2024

Sital Singh (CEO)
(Authorized Signatory)

Date: 21/03/2024

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CHANDIGARH POLLUTION TESTING LABORATORY

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

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Website : www.cptl.co.in



TEST CERTIFICATE

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

SAMPLE PARTICULARS

Sampling Plan Ref No.:	CPTLF 7.3-I	Type of Sample:	Ambient Air (Fugitive Emissions)
Sampling Method:	CPTL/SM/01	Location of Sampling Station:	Plant East Gate
Date of Sample Collection:	15-03-2024	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/2024/03/29(A)	Sample Collected By:	Navjot Singh & Team
Nature of Sample:	Air Sample		

TECHNICAL DATA

1.	Location of sampling station	Plant East Gate
2.	Instrument used for sampling	RDS
3.	Time period for sampling	240 minutes

PARAMETERS

RESULTS

STANDARD PRESCRIBED BY CPCB

TEST METHOD

Suspended Particulate Matter, $\mu\text{g}/\text{m}^3$	3812	5000	IS:5182 (P-4):1999 (RA:2019)
--	------	------	------------------------------

Chemist in Charge
Date: 20/3/2024

Sital Singh (CEO)
(Authorized Signatory)
Date: 20/03/2024

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Page 1 of 1



CHANDIGARH POLLUTION TESTING LABORATORY

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Website : www.cptl.co.in



TEST CERTIFICATE

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

Format No. CPTL/J7.8-1(A)

REPORTING DATE: 20-03-2024

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:	Ambient Air (Fugitive Emissions)
Sampling Method:	CPTL/SM/01	Location of Sampling Station:	Plant Main Gate Area
Date of Sample Collection:	15-03-2024	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/2024/03/30(A)	Sample Collected By:	Navjot Singh & Team
Nature of Sample:	Air Sample		

TECHNICAL DATA

1.	Location of sampling station	Plant Main Gate Area
2.	Instrument used for sampling	RDS
3.	Time period for sampling	240 minutes

PARAMETERS	RESULTS	STANDARD PRESCRIBED BY CPCB	TEST METHOD
Suspended Particulate Matter, $\mu\text{g}/\text{m}^3$	3512	5000	IS:5182 (P-4):1999 (RA:2019)

Chemist in Charge

Date: 20/03/2024

Sital Singh (CEO)
(Authorized Signatory)

Date: 20/03/2024

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END OF REPORT

Page 1 of 1



TEST CERTIFICATE

REPORT No. CPTL/2024/03/31(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.


SAMPLE PARTICULARS

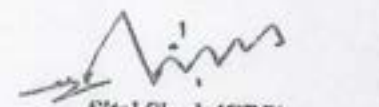
Sampling Plan Ref No.:	CPTLF 7.3-I	Type of Sample:	Ambient Air (Fugitive Emissions)
Sampling Method:	CPTL/SM/01	Location of Sampling Station:	Gypsum Handling Area
Date of Sample Collection:	15-03-2024	Environmental Conditions:	Normal
Date of Sample Received in lab.:	16-03-2024	Analysis Duration:	16-03-2024 to 20-03-2024
Sample Identification No.	CPTL/2024/03/31(A)	Sample Collected By:	Navjot Singh & Team
Nature of Sample:	Air Sample		

TECHNICAL DATA

1.	Location of sampling station	Gypsum Handling Area
2.	Instrument used for sampling	High Volume Sampler
3.	Time period for sampling	240 minutes

PARAMETERS	RESULTS	STANDARD PRESCRIBED BY CPCB	TEST METHOD
Suspended Particulate Matter, $\mu\text{g}/\text{m}^3$	1804	2000	IS:5182 (P-4):1999 (RA:2019)


Chemist in Charge
Date: 29/3/2024


Sital Singh (CEO)
(Authorized Signatory)
Date: 20/03/2024

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END OF REPORT

Page 1 of 1



TEST CERTIFICATE

REPORT No. CPTL/2024/03/33(A)

Format No. CPTLF7.8-1(A)

REPORTING DATE: 20-03-2024

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:	Ambient Air (Fugitive Emissions)
Sampling Method:	CPTL/SM/01	Location of Sampling Station:	CPP Boiler Area
Date of Sample Collection:	15-03-2024	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/2024/03/33(A)	Sample Collected By:	Navjot Singh & Team
Nature of Sample:	Air Sample		

TECHNICAL DATA

1.	Location of sampling station	CPP Boiler Area
2.	Instrument used for sampling	High Volume Sampler
3.	Time period for sampling	240 minutes

PARAMETERS	RESULTS	STANDARD PRESCRIBED BY CPCB	TEST METHOD
Suspended Particulate Matter, $\mu\text{g}/\text{m}^3$	1820	2000	IS:5182 (P-4):1999 (RA:2019)

Chemist in Charge
Date: 20/3/2024

Sital Singh (CEO)
(Authorized Signatory)
Date: 20/3/2024

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END OF REPORT

Page 1 of 1



TEST CERTIFICATE

REPORT No. CPTL/2024/03/34(A)

Format No. CPTLF7.8-1(A)

REPORTING DATE: 20-03-2024

NAME OF INDUSTRY:

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

SAMPLE PARTICULARS

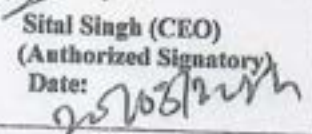
Sampling Plan Ref No.:	CPTLF 7.3-1	Type of Sample:	Ambient Air (Fugitive Emissions)
Sampling Method:	CPTL/SM/01	Location of Sampling Station:	FAD-1 Area
Date of Sample Collection:	15-03-2024	Environmental Conditions:	Normal
Date of Sample Received in lab.:	16-03-2024	Analysis Duration:	16-03-2024 to 20-03-2024
Sample Identification No.	CPTL/2024/03/34(A)	Sample Collected By:	Navjot Singh & Team
Nature of Sample:	Air Sample		

TECHNICAL DATA

1.	Location of sampling station	FAD-1 Area
2.	Instrument used for sampling	RDS
3.	Time period for sampling	240 minutes

PARAMETERS	RESULTS	STANDARD PRESCRIBED BY CPCB	TEST METHOD
Suspended Particulate Matter, $\mu\text{g}/\text{m}^3$	2698	5000	IS:5182 (P-4):1999 (RA:2019)


Chemist in Charge
Date: 26/3/2024


Sital Singh (CEO)
(Authorized Signatory)
Date: 20/03/2024

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TEST CERTIFICATE

REPORT No. CPTL/2024/03/35(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.

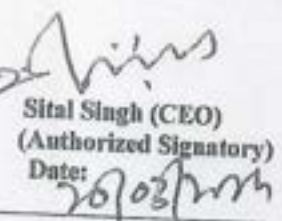
SAMPLE PARTICULARS			
Sampling Plan Ref No.:	CPTLF 7.3-I	Type of Sample:	Ambient Air (Fugitive Emissions)
Sampling Method:	CPTL/SM/01	Location of Sampling Station:	Plant Car Parking Area
Date of Sample Collection:	15-03-2024	Environmental Conditions:	Normal
Date of Sample Received in lab.:	16-03-2024	Analysis Duration:	16-03-2024 to 20-03-2024
Sample Identification No.	CPTL/2024/03/35(A)	Sample Collected By:	Navjot Singh & Team
Nature of Sample:	Air Sample		

TECHNICAL DATA

1.	Location of sampling station	Plant Car Parking Area
2.	Instrument used for sampling	RDS
3.	Time period for sampling	240 minutes

PARAMETERS	RESULTS	STANDARD PRESCRIBED BY CPCB	TEST METHOD
Suspended Particulate Matter, $\mu\text{g}/\text{m}^3$	3216	5000	IS:5182 (P-4):1999 (RA:2019)


Chemist in Charge
Date: 20/03/2024


Sital Singh (CEO)
(Authorized Signatory)
Date: 20/03/2024

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END OF REPORT

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CHANDIGARH POLLUTION TESTING LABORATORY

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

NABET Accredited EIA Consultant



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E-mail : cpdl126@gmail.com ; lab@cptl.co.in
Website : www.cptl.co.in



TEST CERTIFICATE

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

Format No. CPTLF7.8-I(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

Sampling Plan Ref No.:	CPTLF 7.3-I	Type of Sample:	Ambient Air (Fugitive Emissions)
Sampling Method:	CPTL/SM/01	Location of Sampling Station:	Packing Plant Area
Date of Sample Collection:	15-03-2024	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/2024/03/28(A)	Sample Collected By:	Navjot Singh & Team
Nature of Sample:	Air Sample		

TECHNICAL DATA

1.	Location of sampling station	Packing Plant Area
2.	Instrument used for sampling	RDS
3.	Time period for sampling	240 minutes

PARAMETERS

RESULTS

STANDARD PRESCRIBED BY CPCB

TEST METHOD

Suspended Particulate Matter, $\mu\text{g}/\text{m}^3$	4312	5000	IS:5182 (P-4):1999 (RA:2019)
--	------	------	------------------------------

Chemist in Charge
Date: 26/3/2024

Sital Singh (CEO)
(Authorized Signatory)
Date: 20/03/2024

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CHANDIGARH POLLUTION TESTING LABORATORY

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

NABET Accredited EIA Consultant



H.O. : #372, Sector 15-A, Chandigarh-160 015
Phone : 0172-4689295
Lab : E-126, Phase-VII, Ind. Area, Mohali - 160055
Phone : 0172-5090312
E-mail : cppl126@gmail.com ; lab@cppl.co.in
Website : www.cppl.co.in



TEST CERTIFICATE

REPORT No. CPTL/2024/03/48(A)

Format No. CPTLF7.8-I(A)

NAME OF INDUSTRY:

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: 17-03-2024
Date of Sample Received in lab.: 18-03-2024
Sample Identification No. CPTL/2024/03/48(A)
Nature of Sample: Air Sample

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

TECHNICAL DATA

- | | | |
|----|------------------------------|---------------------|
| 1. | Location of sampling station | Cement Mill Area |
| 2. | Instrument used for sampling | High Volume Sampler |
| 3. | Time period for sampling | 240 minutes |

PARAMETERS

RESULTS

STANDARD PRESCRIBED BY CPCB

TEST METHOD

Suspended Particulate Matter, $\mu\text{g}/\text{m}^3$	1810	2000	IS:5182 (P-4):1999 (RA:2019)
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Chemist in Charge
Date: 21/3/2024

Sital Singh (CEO)
(Authorized Signatory)
Date: 21/03/2024

- 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.
- Sample will be destroyed after retention time unless otherwise specified.

END OF REPORT

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Website : www.cptl.co.in



TEST CERTIFICATE

REPORT No. CPTL/2024/03/47(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			
Sampling Plan Ref No.:	CPTLF 7.3-I	Type of Sample:	Ambient Air (Fugitive Emissions)
Sampling Method:	CPTL/SM/01	Location of Sampling Station:	Old Clinker Tippler Area
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/2024/03/47(A)	Sample Collected By:	Navjot Singh & Team
Nature of Sample:	Air Sample		

TECHNICAL DATA

1.	Location of sampling station	Old Clinker Tippler Area
2.	Instrument used for sampling	RDS
3.	Time period for sampling	240 minutes

PARAMETERS	RESULTS	STANDARD PRESCRIBED BY CPCB	TEST METHOD
Suspended Particulate Matter, $\mu\text{g}/\text{m}^3$	4610	5000	IS:5182 (P-4):1999 (RA:2019)

Chemist in Charge
Date: 21/3/2024

Sital Singh (CEO)
(Authorized Signatory)
Date:

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END OF REPORT

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TEST CERTIFICATE

REPORT No. CPTL/2024/03/46(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

Sampling Plan Ref No.:	CPTLF 7.3-1	Type of Sample:	Ambient Air (Fugitive Emissions)
Sampling Method:	CPTL/SM/01	Location of Sampling Station:	New Clinker Tippler Area
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/2024/03/46(A)	Sample Collected By:	Navjot Singh & Team
Nature of Sample:	Air Sample		

TECHNICAL DATA

1.	Location of sampling station	New Clinker Tippler Area
2.	Instrument used for sampling	High Volume Sampler
3.	Time period for sampling	240 minutes

PARAMETERS

RESULTS

**STANDARD
PRESCRIBED
BY CPCB**

TEST METHOD

Suspended Particulate Matter, $\mu\text{g}/\text{m}^3$	4630	5000	IS:5182 (P-4):1999 (RA:2019)
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Chemist in Charge
Date: 21/3/2024

Sital Singh (CEO)
(Authorized Signatory)
Date: 21/03/2024

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