Ambuja Cement

Ref: ACL /RPR/UH/ENV/2023/ 284

29th May 2023

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.

Dear 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 sending a point-wise status report from October 2022 to March 2023 on compliance of the stipulated conditions of Environmental clearance letter referred above through e-mail address: <u>eccompliance-nro@gov.in</u> with a request to kindly acknowledge the receipt through return mail.

Hope you will find the information in order.

Thanking you.

Yours faithfully, for **Ambuja Cements Limited, (Unit: Ropar)**

Bluth

Shashi Bhushan Mukhija Plant Manager

Gilts

Encl: As above

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



Ambuja Cements Limited Near GGSSTP, PO - Lodhimajara District Ropar –140113 Punjab, India Ph +91 1881-257257 I www.ambujacement.com

CIN: L26942GJ1981PLC004717

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 2022 to March 2023

S. No.	Condition	Compliance status
	A. SPECIFIC C	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, SO2 and NOx at the stack of Boiler & connected with the SPCB & CPCB server. Opacity meter has been installed for continuous monitoring of PM at the stack of all cement mills & connected with the SPCB & CPCB server.
2.	The Standard issued by the Ministry Vide G.S.R. No. 612(E) dated 25th August 2014 regarding cement plant with respect to particulate matter, SO ₂ and NO _x shall be followed.	This is cement grinding unit and we have installed online dust monitors (opacity meter) in major stacks of the Unit and data of monitoring is being already transmitted to CPCB/SPCB servers. Emission of SO2 and NOx is not applicable in the mill stacks. Particulate matter emission levels are maintained <30 mg/Nm3 for plant stacks and <50 mg/Nm3 for boiler stacks. Complying with SO2 < 600 mg/Nm3 and NOx < 300 mg/Nm3 respectively for boilers. Report of Particulate matter emission monitoring done in April 2023 by M/s Environ Tech Laboratories Mohali, a Third Party NABL Accredited Lab is enclosed as Annexure – I a CEMS have been installed for continuous monitoring of SO ₂ and NOx at the stack of Boiler. Storm water management system in the plant has also been established.
3.	Efforts shall be made to achieve power consumption of 70 units for	This is a standalone cement grinding unit, so clinker is not produced here. We have
		A
	Portland Pozzolana Cement (PPC)	setup our target of power consumption for
	and 95 units /ton for Ordinary	Cement production below 32 kwh / Ton of



	Portland Cement (OPC) production	cement produced.
	and thermal energy consumption	
	670 K cal/Kg of Clinker.	
4.	The National Ambient Air Quality	Ambient air quality is being monitored at
	Standards issued by the Ministry	the six locations.
	vide G.S.R. No 826(E) dated 16th	Complying with the National Ambient Air
	November 2009 shall be followed.	Quality Emission Standards issued by the
	November 2007 shan be followed.	Ministry.
		Ambient Air Quality Monitoring is also
		being conducted through NABL Accredited
		Lab. Report of Monitoring done in April
	2	2023 by M/s Environ Tech Laboratories
		Mohali, a Third Party NABL Accredited Lab
		is enclosed as Annexure – I b.
8		Six monthly compliance report is being
		submitted on regular basis to the Regional
		Office, Ministry of Environment, Forests
		and Climate Change, CPCB and SPCB
5.	Secondary fugitive emissions shall	CPCB guidelines for control of fugitive
	be controlled and shall be within	emission have been implemented
	the prescribed limits and regularly	Following measures have been taken for
	monitored. Guidelines /Code of	the control of fugitive emission:
	Practice issued by the CPCB in this	a) All transfer points and storage silos
	regard shall be followed.	are provided with dust collection and
	regard shan be followed.	extraction systems for effective
		control of fugitive emissions.
		transportation
3		c) Clinker is being stored in clinker
		storage silo & covered shed, Gypsum
		and additives are being stored in
5		covered storage sheds, fly ash &
		cement is being stored in silos. Raw
		material transfer conveyors are
t.)		covered with GI sheets to avoid any
2		secondary fugitive emissions.
		d) 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.
		e) Road sweeping machines are already
		deployed in the plant clear the
		spillage/dust accumulated on the
L		spinase, aust accumulated on the



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		roads to control the fugitive
		 roads to control the fugitive emissions and maintain proper housekeeping in the plant. f) Improved sealing arrangement in belt conveyors. g) Installed the wheel cleaning system (dry) & Wind wall arrangement for control of fugitive emissions. h) Water spray system has been provided. i) Greenbelt developed in plant area. j) Fugitive emission is well within limit. Report of Monitoring done in April 2023 by M/s Environ Tech Laboratories Mohali, a Third Party
		NABL Accredited Lab is enclosed as
6.	Efforts shall be made to reduce	Annexure – I c. To ensure and reduce impact of transport
	Enorts 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.	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. Transport vehicles are periodically checked for Pollution Under Control certificate from approved agencies. Separate railway siding is commissioned since inception of the plant in 1995 from nearby Guru Govind Singh Super Thermal Plant to our plant site to transport raw materials and around 30-35 % of cement dispatch is also carried out by rail thereby reducing the impact on the surrounding environment caused by transportation activity. Provided wind wall across the raw material yard for controlling the Fugitive emissions. The approaching road towards raw material yard has been concreted for arresting fugitive emissions. The approaching road towards Guru Gobind Singh Super Thermal Plant (GGSSTP) fly ash dykes has been concreted



		for arresting fugitive emissions.
7.	Efforts shall be made to further reduce water consumption by using air cooled condensers. All 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.	Cement manufacturing process is based on dry process technology. Return water from cooling system is routed back to collection tank and recycled back into system. Domestic waste water is treated in Sewage Treatment Plant (STP) and it is being used for cooling in Power Plant and dust suppression system. The wastewater from Captive power plant being treated through the Effluent Treatment Plant and treated water being used in cooling tower after treatment in ETP (comprises of HRSCC-MGF-UF-RO1- RO2-MEE & Solar evaporation ponds). Zero' discharge has been achieved STP treated water is also got tested through NABL Accredited Lab (M/s Environ Tech Laboratories, Mohali). Reports of Testing done in April 2023 are enclosed as Annexure - I d. A Collection Tank of approximately one
0.	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.	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.	Green belt has been developed in the plant area with total green cover of more than 33%. The same has been certified by the DFO, State Forest Department vides letter No. 10295 dated.10.01.2019. Certificate is enclosed as Annexure - II Local native species are planted for increase survival rate. Plant species like Silver Oak, Aacacia, Ariaculifromis, Neem, Burma Neem, Chakrasia, Amaltas, Teak, Jamun, Jamoa, Satpati and Sagwan etc have been planted Total 31199 numbers of plant/sampling have been planted up to March 2023.



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		Details attached as Annexure - III.	
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 - IV	
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.	project cost. We have spent Rs. 1, 28, 41, 801/- on Environment Protection and other related activities from October 2022 to March 2023. Details of expenses enclosed as Annexure – V a. We have also spent approximately Rs. 3, 48, 84, 100/- in 2022-23 on CSR activities in the surrounding areas. Details of Head wise expenses enclosed as	
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 average net profits of previous 3	For the year 2022-23, CSR arm of ACL i.e Ambuja Cement Foundation has spent an approximate amount of Rs.3.49 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 – V b and Proposed CSR Expenses up to 2027 are enclosed as Annexure – V c .	



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	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 25 LED lights till date.
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	
1.	The project authorities must strictly adhere to the stipulations made by the Punjab Pollution Control Board and the State Government.	Consents are complied. Half yearly



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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.	 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.	 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 Environ Tech Laboratories, Mohali). Testing Reports of monitoring done in April 2023 are enclosed as Annexure – I d.
5.	The overall noise levels in and around the plant area shall be kept well within the standards (85	• Overall noise level in and around the plant area are well within the prescribed standards of 85 dB (A)

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	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).	 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 from October 2022 to March 2023 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. Last year it was conducted in November-December, 2022. Records are being maintained.
7.	The company shall develop rain water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.	Constructed rainwater harvesting structures of approximately 1 Lakh m ³ for collection of rain water, which is further being used in Cooling Tower. About 10 structures have also been made in Village Ghanuli, Munguwal, Chakarma Daburjee, Lodhimajra and Bela College Ropar. Ghanauli Drain waste water was being utilized in the captive power plant (CPP) cooling process. However, CPP is not running since October 2022.
8.	The project proponent shall also comply with all the environmental protection measures and Safeguards recommended in the EIA/EMP report. Further, the company must undertake Socio- economic development activities in the surrounding villages like community development	All the environmental protection safeguards are being done. We have incurred a sum of Rs 1, 28, 41,801/- on Environment Protection and other related activities from October 2022 to March 2023. The data is enclosed above as Annexure – V a. Ambuja cement Foundation (ACF) Ropar is doing welfare and community development

CEMEN Unit - Ropar VIII. - Daburji R.O. - Lodhimaira Disti. - Ropar (PD.) PIN - 140 113

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	programmes, educational programmes, drinking water Supply and health care etc.	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 2022-2023 is already enclosed above as Annexure – V 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.	U
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 results of monitored data on their Website and shall update the same	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 concerned regulatory authorities on half yearly basis. Copies of these reports as well



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	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.	as the Annual Environment Statement as submitted to the PPCB, are also uploaded on the company's website (www.ambujacement.com) for public viewing in compliance to the Ministry's Circular dated 30.06.2009.
12.	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitoring data (both in hard copies as well as in email) to the Regional Office of MOEFCC, the respective zonal office of CPCB and the SPCB. The Regional Office of this Ministry at Chandigarh /CPCB/SPCB shall monitor the stipulated conditions.	Six monthly compliance reports in respect of Post Environment Clearance Monitoring (Rule 10 of EIA Notification, 2006, dated 14.09.2006) is being submitted regularly to regional office MoEF&CC Chandigarh and Punjab Pollution Control Board. Last report was sent on 23rd November 2022 through e-mail address: <u>eccompliance-nro@gov.in</u> .
13.	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 the MOEF&CC at Chandigarh by e- mail.	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 2021-2022 has been submitted on 26 th Sept 2022 through e-mail.

REEMEN Unit - Ropar VIII. - Daburji P.O. - Lodhimaira Distt. - Ropar (Pb.) PIN - 140 113 a

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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.



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MoEF & CC Recognized, OHSAS ISO 45001:2018 Plot No. C-101, Industrial Area, Phase VII, Sector 73, Mohali, Punjab - 160059 Mob. 94640-00081, 94172-20081, 94172-10081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P

TEST REPORT

DISPATCH No:-ETL/DSP/ 233271

TO

M/s AMBUJA CEMENT LIMITED.(UNIT ROPAR) VILLAGE DABURJI, PO LODHIMAJRA, DISTT ROPAR, (PB)

Report	No.	ETL/44/2023/G/233201	Report Date	26.04.2023
Your Ref	No	Nil	Type of sample	Process Stack
Sample (Custome	Code given by r	NII	Date of sampling	12.04.2023
	g Location	Packer No-1 & 2	Date of Sample Receipt	13.04.2023
Sample Collected By		Mr. K.K Mishra (Field Officer)	Sample I.D.	ETL/32/2023/G/3201
Sampling procedure		ETL/STP/26	Date of test	13.04.2023-24.04.2023
		TECHNICA	L DATA	
1 Instrument Used for Sampling VS		/SSI		
2 Source of Emission		Process Stack-1 of Packer No-1 & 2		

		100250	V 351	
2	Source of Emission	Sand and	Process Stack-1 of Packer	No-1 & 2
3	Fuel used in source	4-87.7	Electricity	200 B
4	Type of stack	2.45	Round of Metal	
5	Velocity of fuel gases		9.5 m/s	
6	Sampling Duration		29 min.	
7	Ambient air temperature		30°C	21
8	Stack temperature		44°3	
9	Stack height from ground level		38.5 meter (GL)	
10	Diameter of stack		1.25 meter	
11	No. of traverse point selected		01	3 25 ⁻⁷ - 1 ⁴ - 1

S.NO PARAMETER RESULT Limits **TEST METHOD** (mg/Nm³) (mg/Nm³) As per CPCB 1. Particulate Matter, mg/Nm3 19.7 30 IS:11255(Pt -1): 2003 reaffirmed:2019

Note:

1. The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

3. The sample will be destroyed after Thirty days from the date of issue of test report unless other wise specified.



** End of Report **

Authorized (ignatory) AJEET'SINGH SAINI Technical Manager Environ Tech Laboratories

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TEST REPORT

DISPATCH No:-ETL/DSP/ 23310

TO

M/s AMBUJA CEMENT LIMITED.(UNIT ROPAR) VILLAGE DABURJI, PO LODHIMAJRA, DISTT ROPAR, (PB)

Report No. ETL/44/2023/G/233199		Report Date	26.04.2023		
Your Re	ef. No	Nil	Type of sample Process Stack		
Sample Custom	Code given by er	Nil	Date of sampling 12.04.2023		
Samplir	ng Location	Stack of Packer No-1	Date of Sample Receipt	13.04.2023	
Sample	Collected By	Mr. Saurabh (Field Officer)	Sample I.D.	ETL/32/2023/G/3199	
Samplir	ng procedure	ETL/STP/26	Date of test	13.04.2023 - 26.04.2023	
		TECHNIC	AL DATA	4	
1	Instrument Used for Sampling		ESS-1		
2	Source of Emission		Process Stack of Packer No-1		
3	Fuel used in sou	лгсе	Electricity		
4	Type of stack	1 2.25 C	Round of Metal	(4) 六	
5	Velocity of fuel	gases	9.8 m/s	1997 - A. A.	
6	Sampling Durat	ion	28 min.	1.82.4	
7	Ambient air ten	iperature	30°C	100	
8	3 Stack temperature		42°C		
9	9 Stack height from ground level		35 meter (GL)		
10	Diameter of sta	ck	1.0 meter		
11 No. of traverse point selected		01	16.01202		

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S.NO	PARAMETER	RESULT (mg/Nm ³)	Limits (mg/Nm ³⁾ As per CPCB	TEST METHOD
1.	Particulate Matter, mg/Nm ³	19.4	30	IS:11255(Pt -1): 2003 reaffirmed:2019

Note:

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(rized Signatory) AJEET SINGH SAINI Technical Manager Environ Tech Laboratories

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Testing of Water, Waste Water, Soil, Food, Monitoring of Ambient Air, Indoor Noise, Stack Emission & LUX Email : environtechlab72@yahoo.com I Website : www.environtechlab.com NOT VALID FOR LEGAL PURPOSES



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TEST REPORT

DISPATCH No:-ETL/DSP/ 23 3312

то

M/s AMBUJA CEMENT LIMITED.(UNIT ROPAR) VILLAGE DABURJI, PO LODHIMAJRA, DISTTROPAR, (PB)

Report No.	ETL/44/2023/G/233200	Report Date	26.04.2023
Your Ref. No	Nil	Type of sample	Process Stack
Sample Code given by Customer	Nil	Date of sampling	12.04.2023
Sampling Location	Stack of Packer No-2	Date of Sample Receipt	13.04.2023
Sample Collected By	Mr. Saurabh (Field Officer)	Sample I.D.	ETL/32/2023/G/3200
Sampling procedure	ETL/STP/26	Date of test	13.04.2023-26.04.2023
	TECHNICAL I	DATA	·

1	Instrument Used for Sampling	ESS-1	
2	Source of Emission	Process Stack of Packer No-2	
3	Fuel used in source	Electricity	
4	Type of stack	Round of Metal	
5	Velocity of fuel gases	8.3 m/s	Children and
6	Sampling Duration	33 min.	- 48°
7	Ambient air temperature	30°C	
8	Stack temperature	44°C	
9	Stack height from ground level	35 meter (GL)	$T_{\rm est}(x,y) = -y$
10	Diameter of stack	1.0 meter	
11	No. of traverse point selected	01	

S.NO	PARAMETER	RESULT	Limits	TEST METHOD
1	100 C	(mg/Nm ³)	(mg/Nm ³⁾	
		-1000 5.	As per CPCB	Let a set of the set o
1.	Particulate Matter, mg/Nm ³	20.7	30	IS:11255(Pt -1): 2003 reaffirmed:2019

Note:

1. The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

3. The sample will be destroyed after Thirty days from the date of issue of test report unless otherwise specified.



thorized Signatory) AJEET SINGH SAINI Technical Manager

Environ Tech Laboratories Page 1 of 1



MoEF & CC Recognized, OHSAS ISO 45001:2018 Plot No. C-101, Industrial Area, Phase VII, Sector 73, Mohali, Punjab - 160059 Mob. 94640-00081, 94172-20081, 94172-10081, (O) 94630-00081, 0172-4630081 GSTIN : 03BPEPS9693P1ZV, PAN No. BPEPS9693P

TEST REPORT

Report Date

1.0 meter

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DISPATCH No:-ETL/DSP/ 2332-73

Diameter of stack

No. of traverse point selected

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2.2	Y 11	9 -3	£16 -
122	\mathbf{v}_{i}		51
3.6	16 A	100	8.
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TEST METHOD

IS:11255(Pt -1): 2003 reaffirmed:2019

TEL SAMEL TEL

TC-5879

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M/s AMBUJA CEMENT LIM	IITED.(UNIT ROPAR)
VILLAGE DABURJI, PO LOI	DHIMAJRA, DISTTROPAR, (PB)
Report No.	ETL/44/2023/G/233202

Report No. E1L/44/2023/G/253202		Report Date	26.04.2023	
Your Ref. No Nil		Type of sample	Process Stack	
Sample Code given by Nil Customer		Date of sampling	12.04.2023	
Sampling Location Packer No-3 (Stack-1)		Date of Sample Receipt	14.04.2023	
		ETL/32/2023/G/3202		
Samplin	Sampling procedure ETL/STP/26		Date of test	14.04.2023-26.04.2023
		TECHNICA	L DATA	5 12
1	1 Instrument Used for Sampling		VSSI	
2	Source of Emissi	on	Process Stack-1 of Packer No-3	
3	Fuel used in sour	rce	Electricity	
4	Type of stack	T*EX.11 32	Round of Metal	
5	Velocity of fuel g	ases	11.1 m/s	
6 Sampling Duration		56 min.		
7	7 Ambient air temperature		29ºC	i de la del
8 Stack temperature		48°C		
9	Stack height from	n ground level	35 meter (GL)	

8.3				
S.NO	PARAMETER	RESULT (mg/Nm ³)	Limits (mg/Nm ³⁾ As per CPCB	
1.	Particulate Matter, mg/Nm ³	21.8	30	

Note:

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1. The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

3. The sample will be destroyed after Thirty days from the date of issue of test report unless otherwise specified.



** End of Report **

(Authorized Signatory) AJEET SINGH SAINI Technical Manager Environ Tech Laboratories

Page 1 of 1

MoEF & CC Recognized, OHSAS ISO 45001:2018 Plot No. C-101, Industrial Area, Phase VII, Sector 73, Mohali, Punjab - 160059 Mob. 94640-00081, 94172-20081, 94172-10081, (O) 94630-00081, 0172-4630081 GSTIN : 03BPEPS9693P1ZV, PAN No. BPEPS9693P

TEST REPORT

DISPATCH No:-ETL/DSP/233275

то

M/s AMBUJA CEMENT LIMITED.(UNIT ROPAR) VILLAGE DABURJI, PO LODHIMAJRA, DISTT ROPAR, (PB)

Report No. ETL/44/2023/G/233203		Report Date	26.04.2023		
Your Ref. No Nil		Type of sample	Process Stack		
Sample Code given by Nil Customer		Date of sampling	12.04.2023		
Sampli	ng Location	Packer No.3	(Stack-2)	Date of Sample Receipt	13.04.2023
	Collected By	Mr. K.K Mish	nra(Field Officer)	Sample I.D.	ETL/32/2022/G/3203
Sampli	ng procedure	ETL/STP/26	5	Date of test	13.04.2023-26.04.2023
	6 E		TECHNIC	CAL DATA	
1	Instrument Used for Sampling			VSSI	
2	Source of Emission			Process Stack-2 of Packer No-3	
3	Fuel used in source			Electricity	
4	Type of stack		2017	Round of Metal	
5	Velocity of fuel gases	;		12.7 m/s	
6	Sampling Duration			48 min.	
7	Ambient air tempera	iture		30°C	
8	Stack temperature		1	40°C	
9 Stack height from ground level		35 meter (GL)			
10	10 Diameter of stack			0.74 meter	
.11.	11 No. of traverse point selected			01. Appent 1/2	

S.NO	PARAMETER	RESULT (mg/Nm ³)	Limits (mg/Nm ³⁾ As per CPCB	TEST METHOD
1.	Particulate Matter, mg/Nm ³	21.5	30	IS:11255(Pt - 1): 2003 reaffirmed:2019

Note:

1. The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

3. The sample will be destroyed after Thirty days from the date of issue of test report unless otherwise specified.



** End of Report **



AJEET SINGH SAINI Technical Manager Environ Tech Laboratories Page 1 of 1

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FC-5879

MoEF & CC Recognized, OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase VII, Sector 73, Mohali, Punjab - 160059 Mob. 94640-00081, 94172-20081, 94172-10081, (O) 94630-00081, 0172-4630081 GSTIN : 03BPEPS9693P1ZV, PAN No. BPEPS9693P тс-5879

TEST REPORT

DISPATCH No:-ETL/DSP/233277



M/s AMBUJA CEMENT LIMITED.(UNIT ROPAR) VILLAGE DABURJI, PO LODHIMAJRA, DISTT ROPAR, (PB)

Report	No.	ETL/44/2023/G/233204	Report Date	26.04.2023
Your Re	ef. No	Nil · · · · · · · · · · · · · · · · · · ·	Type of sample	Process Stack
	Code given by	Nil	Date of sampling	12.04.2023
Custom	er			
Samplin	ig Location	Packer No-4(Stack -1)	Date of Sample Receipt	13.04.2023
Sample	Collected By	Mr. K.K Mishra (Field Officer)	Sample I.D.	ETL/32/2023/G/3204
Samplin	ig procedure	ETL/STP/26	Date of test	13.04.2023-26.04.2023
	an the states	TECHNICA	AL DATA	A
1	Instrument Used for Sampling		VSSI	
2	Source of Emission		Process Stack-1 of Packer No-4	
3	Fuel used in sourc	e	Electricity	general and the second
4	Type of stack	- Chier on	Round of Metal	State 1
5	Velocity of fuel gas	ies	7.2 m/s	
6	Sampling Duration	L	38 min.	
7	Ambient air tempe	Prature	30°C	
8	Stack temperature		45°C	
9	Stack height from ground level		35 meter (GL)	
10	Diameter of stack		0.86 meter	
11	No. of traverse poi	nt selected	01	
	1001067	The second second		

S.NO	PARAMETER	RESULT (mg/Nm ³)	Limits (mg/Nm ³⁾	TEST METHOD
			As per CPCB	
1.	Particulate Matter, mg/Nm ³	18.9	30	IS:11255(Pt -1): 2003 reaffirmed:2019

Note:

1. The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

3. The sample will be destroyed after Thirty days from the date of issue of test report unless otherwise specified.



** End of Report *

(Authorized Signatory)

AJEET SINGH SAINI Technical Manager Environ Tech Laboratories

Page 1 of 1



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TEST REPORT

DISPATCH No:-ETL/DSP/233279

То

M/s AMBUJA CEMENT LIMITED.(UNIT ROPAR) VILLAGE DABURJI, PO LODHIMAJRA, DISTT ROPAR, (PB)

Report No.	ETL/44/2023/G/233205	Report Date	26.04.2023
Your Ref. No	Nil	Type of sample	Process Stack
Sample Code given by Customer	Nil	Date of sampling	12.04.2023
Sampling Location	Stack-2 of Packer No-4	Date of Sample Receipt	13.04.2023
Sample Collected By	Mr. Saurabh (Field Officer)	Sample I.D.	ETL/32/2023/G/3205
Sampling procedure	ETL/STP/26	Date of test	13.04.2023-26.04.2023
	TECHNIC	AL DATA	

1	Instrument Used for Sampling		VSSI	
2	Source of Emission	1	Process Stack-2 of Packer No-4	
3	Fuel used in source	1.201	Electricity	
4	Type of stack	14.5	Round of Metal	
5	Velocity of fuel gases	121-1	7.4 m/s	
6	Sampling Duration	11.27	37 min.	ar sta
7	Ambient air temperature		30°C	j.
8	Stack temperature	1	48ºC	545 F
9	Stack height from ground level	- 6.	35 meter (GL)	
10	Diameter of stack		0.91 meter	-
11	No. of traverse point selected	11	01	a des

S.NO	PARAMETER	RESULT (mg/Nm ³)	Limits (mg/Nm ³⁾ As per CPCB	TEST METHOD
1.	Particulate Matter, mg/Nm ³	19.8	30	IS:11255(Pt -1): 2003 reaffirmed:2019

Note:

1. The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

3. The sample will be destroyed after Thirty days from the date of issue of test report unless otherwise specified.



** End of Report ** ---



Page 1 of 1



MoEF & CC Recognized, OHSAS ISO 45001:2018 Plot No. C-101, Industrial Area, Phase VII, Sector 73, Mohali, Punjab - 160059 Mob. 94640-00081, 94172-20081, 94172-10081, (O) 94630-00081, 0172-4630081 GSTIN : 03BPEPS9693P1ZV, PAN No. BPEPS9693P

TEST REPORT

DISPATCH No:-ETL/DSP/23 233289

TO M/s AMBUJA CEMENT LIMITED. (UNIT ROPAR) VILLAGE - DABURJI, PO- LODHI MAJRA, DISTT - ROPAR, (PB)

Report No.	ETL/44/2023/G/233210	Report Date	26.04.2023
Your Ref. No	Nil	Type of sample	Process Stack
Sample Code given by Customer	Nil	Date of sampling	13.04.2023
Sampling Location	Cement Mill-I	Date of Sample Receipt	14.04.2023
Sample Collected By	Mr. K.K Mishra (Field Officer)	Sample I.D.	ETL/32/2023/G/3210
Sampling procedure	ETL/STP/26	Date of test	14.04.2023-26.04.2023
	TECHNICAL	DATA	

1	Instrument Used for Sampling	VSSI	
2	Source of Emission	Process Stack of Cement Mill No-1	
3	Fuel used in source	Electricity	
4	Type of stack	Round of Metal	
5	Velocity of fuel gases	6.3 m/s	- 11
6	Sampling Duration	49 min.	
7	Ambient air temperature	34 °C	0.25
8	Stack temperature	82ºC	
9	Stack height from ground level	35 meter (GL)	
10	Diameter of stack	1.09 meter	
11	No. of traverse point selected	01	

S. NO	PARAMETER	RESULT (mg/Nm ³)	Limits (mg/Nm³) As per CPCB	TEST METHOD
1.	Particulate Matter, mg/Nm ³	24.6	30	IS:11255(Pt -1):2003 reaffirmed:2019

Note:

1. The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

3. The sample will be destroyed after thirty days from the date of issue of test report unless otherwise specified.



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** End of Report **

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C-587

MoEF & CC Recognized, OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase VII, Sector 73, Mohali, Punjab - 160059 Mob. 94640-00081, 94172-20081, 94172-10081, (O) 94630-00081, 0172-4630081 GSTIN : 03BPEPS9693P1ZV, PAN No. BPEPS9693P

TEST REPORT

DISPATCH No:-ETL/DSP/ 233291

TO M/s Ambuja cement limited.(Unit Ropar) Village daburji, po lodhimajra, disttropar, (pb)

Report No.	ETL/44/2023/G/233211	Report Date	26.04.2023
Your Ref. No	Nil	Type of sample	Process Stack
Sample Code given by	Nil	Date of sampling	13.04.2023
Customer			
Sampling Location	Cement Mill NO - 02	Date of Sample Receipt	14.04.2023
Sample Collected By	Mr. K.K Mishra(Field Officer)	Sample I.D.	ETL/32/2023/G/3211
Sampling procedure	ETL/STP/26	Date of test	14.04.2023-26.04.2023

1	Instrument Used for Sampling		VSSI	
2	Source of Emission	ý.,	Process Stack of Cement Mill NO	- 02
3	Fuel used in source		Electricity	
4	Type of stack	SSE	Round of Metal	1 m
5	Velocity of fuel gases		8.0 m/s	
6	Sampling Duration		38 min.	
7	Ambient air temperature		34ºC	adt fa d
8	Stack temperature		79ºC	
9	Stack height from ground level	74	35 meter (GL)	
10	Diameter of stack		1.12 meter	
11	No. of traverse point selected	625 3	01	1.2.4.4.4.3.

S.NO	PARAMETER	RESULT (mg/Nm ³)	Limits (mg/Nm ³⁾ As per CPCB	TEST METHOD
1.	Particulate Matter, mg/Nm ³	20.5	30	IS:11255(Pt -1): 2003 reaffirmed:2019

Note:

1. The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

3. The sample will be destroyed after Thirty days from the date of issue of test report unless otherwise specified.



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TEST REPORT

DISPATCH No:-ETL/DSP/23 3293

то

M/S AMBUJA CEMENT LIMITED.(UNIT ROPAR) VILLAGE DABURJI, PO LODHIMAJRA, DISTT ROPAR, (PB)

Report N	D.	ETL/44/2023/G/233212	Report Date	26.04.2023
Your Ref.	No	Nil Type of sample		Process Stack
Sample Co Customer	ode given by	Nil Date of sampling		13.04.2023
Sampling	pling Location Cement Mill- 3 Date of Sample Receipt			14.04.2023
	ollected By	Mr. K.K Mishra (Field Officer)	ETL/32/2023/G/3212	
-	procedure	ETL/STP/26	Date of test	14.04.2023-26.04.2023
	т.,	TECHNIC	AL DATA	a term
1	Instrument Used	for Sampling VSSI		
2	Source of Emiss	on Process Stack of Cement Mill		No-3
3	Fuel used in sour	rce (17) i R	Electricity	and the second
4	Type of stack		Round of Metal	
5	Velocity of fuel g	ases	8.0 m/s	2 (1997) 1997
6	Sampling Duratio	n	39 min.	
7			34°C	
8	Stack temperatu	re	82ºC	
9	Stack height from	n ground level	35 meter (GL)	
10	Diameter of stack	k	1.09 meter	
11	No. of traverse p	oint selected	01	26.3-,10

S.NO	PARAMETER	RESULT (mg/Nm ³)	Limits (mg/Nm ³⁾ As per CPCB	TEST METHOD
1.	Particulate Matter,mg/Nm3	19.3	30	IS:11255(Pt -1): 2003 reaffirmed:2019

Note:

1. The test report refers only to tested sample and applicable parameters.

This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.
 The sample will be destroyed after Thirty days from the date of issue of test report unless otherwise specified.



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MoEF & CC Recognized, OHSAS ISO 45001:2018 Plot No. C-101, Industrial Area, Phase VII, Sector 73, Mohali, Punjab - 160059 Mob. 94640-00081, 94172-20081, 94172-10081, (O) 94630-00081, 0172-4630081 GSTIN : 03BPEPS9693P1ZV, PAN No. BPEPS9693P

TEST REPORT

DISPATCH No:-ETL/DSP/2332-95

то

M/s AMBUJA CEMENT LIMITED.(UNIT ROPAR) VILLAGE DABURJI, PO LODHIMAJRA, DISTT ROPAR, (PB)

Report No. ETL/44/2023/G/233213		233213	Report Date	26.04.2023		
Your Re	Your Ref. No Nil		5.0	Type of sample	Process Stack	
Sample Custom	ole Code given by Nil Date of sampling omer		Date of sampling	13.04.2023		
Samplin	Sampling Location Cement Mill-4 Date of Sample Receipt			Date of Sample Receipt	14.04.2023	
Sample	Collected By	Mr. K.K Mishra (Fie	ld Officer)	Sample I.D.	ETL/32/2023/G/3213	
Samplin	ig procedure	ETL/STP/26	12.22	Date of test	14.04.2023-26.04.2023	
		Т	ECHNIC	AL DATA	W W	
1	Instrument Used for Sampling		1	VSSI		
2	Source of Emission		1	Process Stack of Cement Mill No-4		
3	Fuel used in sourc	e	2.0	Electricity		
4	Type of stack		1 I	Round of Metal		
5	Velocity of fuel gas	ies	100	7.2 m/s		
6	Sampling Duration		4	42 min.		
7	7 Ambient air temperature		3	34ºC		
8	Stack temperature		1	78ºC		
9	Stack height from ground level			37 meter (GL)		
10	Diameter of stack	2.6	· · · · · · · · · · · · · · · · · · ·	1.37 meter	<i>M</i>	
	No. of traverse point selected			D1serer	16 194 2013	

S.NO	PARAMETER	RESULT (mg/Nm ³)	Limits (mg/Nm ³⁾ As per CPCB	TEST METHOD
1.	Particulate Matter, mg/Nm3	22.3	30	IS:11255(Pt -1): 2003 reaffirmed:2019

Note:

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2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

3. The sample will be destroyed after Thirty days from the date of issue of test report unless otherwise specified.



End of Report *



AJEEN SINGH SAINI Technical Manager Environ Tech Laboratories Page 1 of 1





MoEF & CC Recognized, OHSAS ISO 45001:2018 Plot No. C-101, Industrial Area, Phase VII, Sector 73, Mohali, Punjab - 160059 Mob. 94640-00081, 94172-20081, 94172-10081, (O) 94630-00081, 0172-4630081 GSTIN : 03BPEPS9693P1ZV, PAN No. BPEPS9693P



TEST REPORT

DISPATCH No:-ETL/DSP/ 23328)

TO

M/S AMBUJA CEMENT LIMITED.(UNIT ROPAR) VILLAGE DABURJI, PO LODHIMAJRA, DISTT ROPAR, (PB)

					a contract of the second of the	
Report	Report No. ETL/44/2023/G/2332		206	Report Date	26.04.2023	
Your Re	ef. No	Nil	i la se	Type of sample	Process Stack	
Sample	Code given by Customer	NII		Date of sampling	13.04.2023	
Samplin	ng Location	Cement mill No. 1 (0	sepa)	Date of Sample Receipt	14.04.2023	
Sample	Collected By	Mr. K.K Mishra(Field O	fficer)	Sample I.D.	ETL/32/2023/G/3206	
Samplin	ng procedure	ETL/STP/26		Date of test	14.04.2023-24.04.2023	
		TECHN	ICAL DAT	ГА		
1	Instrument Used for Sa	mpling				
2	Source of Emission		Process Stack of Cement mill No. 1 (Osepa)			
3	Fuel used in source		Electricity			
4	Type of stack		Round of Metal			
5	Velocity of fuel gases	1 th	8.6 m/s			
6	Sampling Duration		35 min	5 min.		
7	Ambient air temperatur	re	34ºC			
8	8 Stack temperature		74ºC			
9 Stack height from ground level		38 meter (GL)				
10			1.02 meter			
	No. of traverse point selected			1		

		AND STREET	a Streen a t	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
S.NO	PARAMETER	RESULT (mg/Nm ³)	Limits (mg/Nm ³⁾ As per CPCB	TEST METHOD
1.	Particulate Matter, mg/Nm ³	19.8	30	IS:11255(Pt -1): 2003 reaffirmed:2019

Note:

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2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

3. The sample will be destroyed after Thirty days from the date of issue of test report unless otherwise specified.



** End of Report **

(Authorized Signatory)

AJEET SINGH SAINI Technical Manager Environ Tech Laboratories

Page 1 of 1



MoEF & CC Recognized, OHSAS ISO 45001:2018 Plot No. C-101, Industrial Area, Phase VII, Sector 73, Mohali, Punjab - 160059 Mob. 94640-00081, 94172-20081, 94172-10081, (O) 94630-00081, 0172-4630081 GSTIN : 03BPEPS9693P1ZV, PAN No. BPEPS9693P

TEST REPORT

DISPATCH Not-ETL/DSP/ 2332-83

то

M/S AMBUJA CEMENT LIMITED.(UNIT ROPAR) VILLAGE DABURJI, PO LODHIMAJRA, DISTT ROPAR, (PB)

Report No.	ETL/44/2023/G/233207	Report Date	26.04.2023
Your Ref. No	Nil	Type of sample	Process Stack
Sample Code given by Customer	Nil	Date of sampling	13.04.2023
Sampling Location	Cement Mill -02 (Osepa)	Date of Sample Receipt	14.04.2023
Sample Collected By	Mr. K.K Mishra(Field Officer)	Sample I.D.	ETL/32/2023/G/3207
Sampling procedure	ETL/STP/26	Date of test	14.04.2023-26.04.2023
· 31 5.4 31,391 "	TECHNI	CAL DATA	

1	Instrument Used for Sampling	VSSI
2	Source of Emission	Process Stack of Cement Mill -02 (Osepa)
3	Fuel used in source	Electricity
4	Type of stack	Round of Metal
5	Velocity of fuel gases	8.6 m/s
6	Sampling Duration	36 min.
7	Ambient air temperature	33°C
8	Stack temperature	82°C
9	Stack height from ground level	38 meter (GL)
10	Diameter of stack	1.12 meter
11	No. of traverse point selected	01

S.NO	PARAMETER	RESULT (mg/Nm ³)	Limits (mg/Nm ³⁾ As per CPCB	TEST METHOD
1.	Particulate Matter, mg/Nm ³	22.4	30	IS:11255(Pt -1): 2003 reaffirmed:2019

Note:

1. The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

3. The sample will be destroyed after Thirty days from the date of issue of test report unless otherwise specified.



** End of Report **

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AJEET SINGH SAINI Technical Manager Environ Tech Laboratories Page 1 of 1





MoEF & CC Recognized, OHSAS ISO 45001:2018 Plot No. C-101, Industrial Area, Phase VII, Sector 73, Mohali, Punjab - 160059 Mob. 94640-00081, 94172-20081, 94172-10081, (O) 94630-00081, 0172-4630081 GSTIN : 03BPEPS9693P1ZV, PAN No. BPEPS9693P



TEST REPORT



DISPATCH No:-ETL/DSP/933285

TO

M/S AMBUJA CEMENT LIMITED.(UNIT ROPAR) VILLAGE DABURJI, PO LODHIMAJRA, DISTTROPAR, (PB)

Report No. ETL/44/2023/G/233208		Report Date	26.04.2023		
Your R	Your Ref. No Nil		Type of sample	Process Stack	
-	ample Code given by Nil I ustomer		Date of sampling	13.04.2023	
Sampli	ng Location	Cement mill No-3 (Osepa)	Date of Sample Receipt	14.04.2023	
Sample	ample Collected By Mr. K.K Mishra(Field Officer)		Sample I.D.	ETL/32/2022/G/3208	
Sampli	ampling procedure ETL/STP/26		Date of test	14.04.2023-26.04.2023	
		TECHNICA	L DATA		
1	Instrument Used for Sampling		VSSI		
2	Source of Emission	1	Process Stack of Cemen	Process Stack of Cement mill No-3 (Osepa)	
3	Fuel used in source		Electricity		
4	Type of stack		Round of Metal		
5	Velocity of fuel gase	es l	7.9 m/s		
6	Sampling Duration		40 min.		
7	7 Ambient air temperature		34ºC		
8	8 Stack temperature		86°C		
9 Stack height from ground level		38 meter (GL)			
10 Diameter of stack			1.02 meter		
	11 No. of traverse point selected				

S.NO	PARAMETER	RESULT (mg/Nm ³)	Limits (mg/Nm ³⁾ As per CPCB	TEST METHOD
1.	Particulate Matter, mg/Nm ³	18.7	30	IS:11255(Pt -1): 2003 reaffirmed:2019

Note:

1. The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

3. The sample will be destroyed after Thirty days from the date of issue of test report unless otherwise specified.



(Authorized Signatory)

AJEEX SINGH SAINI Technical Manager Environ Tech Laboratories Page 1 of 1

** End of Report **

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MoEF & CC Recognized, OHSAS ISO 45001:2018

Plot No. C-101, Industrial Area, Phase VII, Sector 73, Mohali, Punjab - 160059 Mob. 94640-00081, 94172-20081, 94172-10081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P

TEST REPORT

DISPATCH No:-ETL/DSP/ 233287

TO

M/s AMBUJA CEMENT LIMITED.(UNIT ROPAR) VILLACE DARIEDIL POLODHIMAIRA DISTT RODAR (DD)

Report No.	ETL/44/2023/G/233209	Report Date	26.04.2023	
Your Ref. No	Nil	Type of sample	Process Stack	
Sample Code given by Customer	Nil	Date of sampling	13.04.2023	
Sampling Location	Cement Mill No-4(Osepa)	Date of Sample Receipt	14.04.2023	
Sample Collected By	Mr. K.K Mishra(Field Officer)	Sample I.D.	ETL/32/2023/G/3209	
Sampling procedure	ETL/STP/26	Date of test	14.04.2023-24.04.2023	

TECHNICAL DATA

1	Instrument Used for Sampling	VSSI
2	Source of Emission	Process Stack of Cement mill No-4(Osepa)
3	Fuel used in source	Electricity
4	Type of stack	Round of Metal
5	Velocity of fuel gases	8.4 m/s
6	Sampling Duration	37 min.
7	Ambient air temperature	34ºC
8	Stack temperature	79ºC
9	Stack height from ground level	38 meter (GL)
10	Diameter of stack	1.09 meter
11	No. of traverse point selected	01

S.NO	PARAMETER	RESULT (mg/Nm ³)	Limits (mg/Nm ³) As per CPCB	TEST METHOD
1.	Particulate Matter, mg/Nm ³	21.7	30	IS:11255(Pt -1): 2003 reaffirmed:2019

Note:

The test report refers only to tested sample and applicable parameters.
 This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.
 The sample will be destroyed after Thirty days from the date of issue of test report unless otherwise specified.



** End of Report **



AJEET SINGH SAINI Technical Manager Environ Tech Laboratories Page 1 of 1





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Plot No. C-101, Industrial Area, Phase VII, Sector 73, Mohali, Punjab - 160059 Mob. 94640-00081, 94172-20081, 94172-10081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P

TEST REPORT

DISPATCH No:-ETL/DSP/23 3297

Stack temperature

Diameter of stack

Stack height from ground level

No. of traverse point selected

PARAMETER

Particulate Matter, mg/Nm3

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Note:

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M/s AMBUJA CEMENT LIMITED.(UNIT ROPAR) VILLAGE - DABURJI, PO- LODHI MAJRA, DISTT-ROPAR, (PB)

Report	Report No. ETL/44/2023/G/233		33214	Report Date	26.04.2023
Your R	ef. No	Nil		Type of sample	Process Stack
Sample	Code given by Customer	iven by Customer Nil		Date of sampling	13.04.2023
Sampli	ing Location	Stack of Bulker Loa	ding	Date of Sample Receipt	14.04.2023
Sample	Collected By	Mr. Saurabh(Field Of	ficer)	Sample I.D.	ETL/32/2023/G/3214
Sampli	ng procedure	ETL/STP/26		Date of test	14.04.2023-26.04.2023
85	5	TECHN	ICAL	DATA	
1	Instrument Used for Sa	mpling	VSSI		
2	Source of Emission		Process Stack of Bulker Loading		
3	Fuel used in source		Electricity		
4	Type of stack		Round of Metal		
5	Velocity of fuel gases	2012 1	7.7	m/s	
6	Sampling Duration	22 H	38 r	nin.	
7	Ambient air temperatu	ге	34 0	C	1 mm 2 m

65°C

01

RESULT

(mg/Nm³)

21.9

35 meter (GL)

Limits

(mg/Nm³) As per CPCB

30

1.09 meter

1. TI	he test report r	efers only to	tested sample and	applicable parameters.
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 The test report refers only to tested sample and applicable parameters.
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** End of Report **

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TEST METHOD

IS:11255(Pt -1): 2003 reaffirmed:2019



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TEST REPORT

DISPATCH No:-ETL/DSP/ 23324

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M/s AMBUJA CEMENT LIMITED.(UNIT ROPAR) VILLAGE DABURJI, PO LODHIMAJRA, DISTTROPAR, (PB)

Report No.	ETL/44/2023/G/233244	Report Date	26.04.2023	
Your Ref. No	Nil	Type of sample	Process Stack	
Sample Code given by Customer	Nil	Date of sampling	18.04.2023	
Sampling Location	Cement Mill No3 (Hopper Stack)	Date of Sample Receipt	19.04.2023 ETL/32/2023/G/3244	
Sample Collected By	Mr. Saurabh (Field Officer)	Sample I.D.		
Sampling procedure	ETL/STP/26	Date of test	18.04.2023-26.04.2023	
	TECHNICAL	DATA		

Instrument Used for Sampling ESS-1 Source of Emission Process Stack of Cement Mill No.-3 (Hopper Stack) Fuel used in source Electricity Type of stack Round of Metal Velocity of fuel gases 12.8 m/s

6	Sampling Duration	49 min.	
7	Ambient air temperature	36ºC	124 a
8	Stack temperature	43°C	. j.t
9	Stack height from ground level	33 meter (GL)	
10	Diameter of stack	0.46 meter	
11	No. of traverse point selected	01	200 A

S.NO	PARAMETER	RESULT (mg/Nm ³)	Limits (mg/Nm ³⁾ As per CPCB	TEST METHOD
1.	Particulate Matter, mg/Nm ³	21.9	30	IS:11255(Pt -1): 2003 reaffirmed:2019

Note:

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3. The sample will be destroyed after Thirty days from the date of issue of test report unless otherwise specified.



(Authorized Signatory)

AJEET SINGH SAINI Technical Manager Environ Tech Laboratories

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** End of Report **

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TEST REPORT

DISPATCH No:-ETL/DSP/ 33322

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M/s AMBUJA CEMENT LIMITED.(UNIT ROPAR) VILLAGE DABURJI, PO LODHIMAJRA, DISTT ROPAR, (PB)

Report No.	ETL/44/2023/G/233243	Report Date	26.04.2023	
Your Ref. No	Nil	Type of sample	Process Stack	
Sample Code given by Customer	Nil	Date of sampling	18.04.2023	
Sampling Location	Stack-1 of Cement Mill -4 (Hopper Stack)	Date of Sample Receipt	19.04.2023	
Sample Collected By	Mr. K.K Mishra (Field Officer)	Sample I.D.	ETL/32/2023/G/3243	
Sampling procedure	ETL/STP/26	Date of test	19.04.2023-26.04.2023	

1	Instrument Used for Sampling	VSSI	
2	Source of Emission	Process Stack-1 of Cement Mill -4 (Hopper Stack)	
3	Fuel used in source	Electricity	Unit 27
4	Type of stack	Round of Metal	- J
5	Velocity of fuel gases	13.0 m/s	
6	Sampling Duration	48 min.	Section .
7	Ambient air temperature	36ºC	
8	Stack temperature	45 ^u C	
9	Stack height from ground level	33 meter (GL)	
10	Diameter of stack	0.46 meter	A1.44 (10)
11	No. of traverse point selected	01	and the second second

			1 1 Ex 1 22 1 1 1	
S.NO	PARAMETER	RESULT (mg/Nm ³)	Limits (mg/Nm ³⁾ As per CPCB	TEST METHOD
1.	Particulate Matter, mg/Nm ³	23.2	30	IS:11255(Pt -1): 2003 reaffirmed:2019

Note:

1. The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

3. The sample will be destroyed after Thirty days from the date of issue of test report unless otherwise specified.



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Technical Manager Environ Tech Laboratories

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TEST REPORT

DISPATCH No:-ETL/DSP/ 23318

TO

M/s AMBUJA CEMENT LIMITED.(UNIT ROPAR) VILLAGE DABURJI, PO LODHIMAJRA, DISTTROPAR, (PB)

ETL/44/2023/G/233241	Report Date	26.04.2023
Nil	Type of sample	Process Stack
Nil	Date of sampling	18.04.2023
Stack of Clinker Loading Point NO.1	Date of Sample Receipt	19.04.2023
Mr. Saurabh (Field Officer)	Sample I.D.	ETL/32/2023/G/3241
ETL/STP/26	Date of test	19.04.2023-26.04.2023
	Nil Stack of Clinker Loading Point NO.1 Mr. Saurabh (Field Officer)	Nil Type of sample Nil Date of sampling Stack of Clinker Loading Date of Sample Receipt Point NO.1 Mr. Saurabh (Field Officer)

TECHNICAL DATA

1	Instrument Used for Sampling	ESS-1
2	Source of Emission	Process Stack of Clinker Loading Point no.1
3	Fuel used in source	Electricity
4	Type of stack	Round of Metal
5	Velocity of fuel gases	8.9 m/s
6	Sampling Duration	32 min.
7	Ambient air temperature	36ºC
8	Stack temperature	50°C
9	Stack height from ground level	17 meter (GL)
10	Diameter of stack	1.12 meter
11	No. of traverse point selected	01

S.NO	PARAMETER	RESULT (mg/Nm ³)	Limits (mg/Nm ³⁾ As per CPCB	TEST METHOD
1.	Particulate Matter, mg/Nm ³	23.1	30	IS:11255(Pt -1): 2003 reaffirmed:2019

Note:

1. The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

3. The sample will be destroyed after Thirty days from the date of issue of test report unless otherwise specified.



** End of Report **

Tout l (Authorized Signatory)

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Page 1 of 1

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TEST REPORT

DISPATCH No:-ETL/DSP/ 233320

TO

M/s AMBUJA CEMENT LIMITED.(UNIT ROPAR) VILLAGE DABURJI, PO LODHIMAJRA, DISTT ROPAR, (PB)

Report	No	ETL/44/2023/G/23324	2 Report Date	26.04.2023	
Your Re					
		Nil	Type of sample Process Stack		
Sample	Code given by Customer	Nil	Date of sampling	18.04.2023	
Sampling Location Stack of Clinker Loading		g Date of Sample Receipt	19.04.2023		
Sample	Collected By	Mr. Saurabh (Field Officer) Sample I.D.	ETL/32/2023/G/3242	
Samplin	ng procedure	ETL/STP/26	Date of test	19.04.2023-26.04.2023	
		TECHNICA	AL DATA		
1	Instrument Used for Sampling		ESS-1	1.482.1	
2	Source of Emission		Process Stack of Clinker Loading Point no.2		
3	Fuel used in source		Electricity		
4	Type of stack	and the second s	Round of Metal		
5	Velocity of fuel gases	*	8.5 m/s		
6	Sampling Duration	131	33 min.	1.22	
7	Ambient air temperatu	re	36ºC	· · · · · · · · · · · · · · · · · · ·	
8	Stack temperature		48°C	11 Jan 13	
9	Stack height from ground level		17 meter (GL)		
10	Diameter of stack		1.12 meter	6	

S.NO	PARAMETER	RESULT	Limits	TEST METHOD
		(mg/Nm ³)	(mg/Nm ³⁾ As per CPCB	
1,	Particulate Matter, mg/Nm ³	22.5	30	IS:11255(Pt -1): 2003 reaffirmed:2019

Note:

1. The test report refers only to tested sample and applicable parameters.

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2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

3. The sample will be destroyed after Thirty days from the date of issue of test report unless otherwise specified.



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End of Report **

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Plot No. C-101, Industrial Area, Phase VII, Sector 73, Mohali, Punjab - 160059 Mob. 94640-00081, 94172-20081, 94172-10081, (O) 94630-00081, 0172-4630081

GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P

TEST REPORT

DISPATCH No:-ETL/DSP/ 2 33328

TO

M/s AMBUJA CEMENT LIMITED.(UNIT ROPAR) VILLAGE DABURJI, PO LODHIMAJRA, DISTT. ROPAR, (PB)

Report No.	ETL/44/2023/G/233246	Report Date	26.04.2023
Your Ref. No	Nil	Type of sample	Process Stack
Sample Code given by Customer	Nil	Date of sampling	18.04.2023
Sampling Location	Cement Steel Silo	Date of Sample Receipt	19.04.2023
Sample Collected By	Mr. Saurabh (Field Officer)	Sample I.D.	ETL/32/2022/G/3246
Sampling procedure	ETL/STP/26	Date of test	19.04.2023-26.04.2023
	TECHNIC	AL DATA	
1 Instrument Use	d for Sampling	ESS-1	

1	Instrument Used for Sampling	ESS-1		
2	Source of Emission	Process Stack of Cement Steel Silo Stack		
3	Fuel used in source	Electricity		
4	Type of stack	Round of Metal		
5	Velocity of fuel gases	12.8 m/s		
6	Sampling Duration	50 min.		
7	Ambient air temperature	36ºC		
8	Stack temperature	47°C		
9	Stack height from ground level	39.2 meter (GL)		
10	Diameter of stack	0.80 meter		
11	No. of traverse point selected	01		
		out the second se		

S.NO	PARAMETER RESULT (mg/Nm ³)		Limits (mg/Nm ³⁾ As per CPCB	TEST METHOD	
1.	Particulate Matter, mg/Nm ³	22.7	30	IS:11255(Pt -1): 2003 reaffirmed:2019	

Note:

1. The test report refers only to tested sample and applicable parameters.

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 The sample will be destroyed after Thirty days from the date of issue of test report unless otherwise specified.



** End of Report **

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GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P

TEST REPORT

DISPATCH No:-ETL/DSP/ 233326

TO

M/s AMBUJA CEMENT LIMITED.(UNIT ROPAR) VILLAGE DABURJI, PO LODHIMAJRA, DISTT ROPAR, (PB)

Repor	t No.	ETL/44/2023/G/233	245	Report Date	26.04.2023
Your R	Your Ref. No Nil		1.1	Type of sample	Process Stack
Sample	Code given by Customer	Nil		Date of sampling	18.04.2023
Sampling Location Fly Ash Handling Silo (East Gate)				19.04.2023	
Sample	Collected By	Mr. K.K Mishra (Field (Officer)	Sample I.D.	ETL/32/2023/G/3245
Sampli	ng procedure	ETL/STP/26	V 16	Date of test	19.04.2023-26.04.2023
		TECHN	CAL D	АТА	
1	1 Instrument Used for Sampling		VSSI		
2			Process Stack of Fly Ash Handling Silo stack (East Gate)		
3	Fuel used in source		Electricity		
4	Type of stack		Round of Metal		
5	Velocity of fuel gases	- 11-11-1	13.0 m/s		
6	Sampling Duration		48 min.		2 2
7 Ambient air temperature		36°C		100 - 100 -	
8			4400		14. A 14.
9			17 meter (GL)		4
10	Diameter of stack	2	1.0 meter		
11	No. of traverse point sel	ected	01		

S.NO	PARAMETER	RESULT (mg/Nm ³)	Limits (mg/Nm ³⁾ As per CPCB	TEST METHOD
1.	Particulate Matter, mg/Nm ³	20.7	30	IS:11255(Pt -1): 2003 reaffirmed:2019

Note:

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3. The sample will be destroyed after Thirty days from the date of issue of test report unless otherwise specified.



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Page 1 of 1

** End of Report **





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Plot No. C-101, Industrial Area, Phase VII, Sector 73, Mohali, Punjab - 160059 Mob. 94640-00081, 94172-20081, 94172-10081, (O) 94630-00081, 0172-4630081 GSTIN : 03BPEPS9693P1ZV, PAN No. BPEPS9693P

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TEST REPORT

DISPATCH No:-ETL/DSP/ 23330

TO

M/s AMBUJA CEMENT LIMITED.(UNIT ROPAR) VILLAGE DABURJI, PO LODHIMAJRA, DISTT ROPAR, (PB)

Report No. ETL/44/2023/G/2		233247	Report Date	26.04.2023	
Your Ref. No Nil		Type of sample		Process Stack	
Sample	Code given by Customer	Nil	P 97 22	Date of sampling	18.04.2023
		Stack of 51A-BC-0 BC-04	1 to 51A-	Date of Sample Receipt	19.04.2023
Sample	Collected By	Mr. K.K Mishra (Fiel	ld Officer)	Sample I.D.	ETL/32/2023/G/3247
Sampling procedure ETL/STP/26		ETL/STP/26	Date of test		19.04.2023-26.04.2023
		TECH	NICAL D	АТА	
1	Instrument Used for Sa	mpling	VSSI		5-54
2	Source of Emission		Process Stack of 51A-BC-01 to 51A-BC-04 (Transfer Poin		
3	Fuel used in source		Electricity		
4	Type of stack	0.0	Round of Metal		
5 Velocity of fuel gases		10.7 m/s			
6	Sampling Duration		58 min.		19 J. 19 M
7	7 Ambient air temperature		36°C		and the second s
8	Stack temperature		40°C		-

	a state of gradient and		Provide the second second		
S.NO	PARAMETER	RESULT (mg/Nm ³)	Limits (mg/Nm ³⁾ As per CPCB	TEST METHOD	
1.	Particulate Matter, mg/Nm ³	19.7	30	IS:11255(Pt -1): 2003 reaffirmed:2019	

01

6.6 meter (GL)

1.12 mc 🗉 r

Note:

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1. The test report refers only to tested sample and applicable parameters.

Stack height from ground level

No. of traverse point selected

Diameter of stack

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

3. The sample will be destroyed after Thirty days from the date of issue of test report unless otherwise specified.



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AJEET SINGH SAINI Technical Manager Environ Tech Laboratories Page 1 of 1



MoEF & CC Recognized, OHSAS ISO 45001:2018 Plot No. C-101, Industrial Area, Phase VII, Sector 73, Mohali, Punjab - 160059 Mob. 94640-00081, 94172-20081, 94172-10081, (O) 94630-00081, 0172-4630081 GSTIN : 03BPEPS9693P1ZV, PAN No. BPEPS9693P

TEST REPORT

DISPATCH No:-ETL/DSP/ 2 3 33 32

то

M/s AMBUJA CEMENT LIMITED.(UNIT ROPAR) VILLAGE DABURJI, PO LODHIMAJRA, DISTTROPAR, (PB)

il il tack 51A-BC4 to 51A-BC-5	Type of sample Date of sampling	Process Stack 18.04.2023	
	* 0	18.04.2023	
ta alr E1A DC4 to E1A DC E			
Fransfer Point)	Date of Sample Receipt	19.04.2023	
Ir. Saurabh (Field Officer)	Sample I.D.	ETL/32/2023/G/3248	
TL/STP/26	Date of test	19.04.2023-26.04.2023	
b	r. Saurabh (Field Officer)	r. Saurabh (Field Officer) Sample I.D.	

TECHNICAL DATA

1	Instrument Used for Sampling	ESS-1		
2	Source of Emission	Process Stack of 51A-BC4 to 51A-BC-5 (Transfer Point)		
3	Fuel used in source	Electricity		
4	Type of stack	Round of Metal		
5	Velocity of fuel gases	9.5 m/s		
6	Sampling Duration	59 min.		
7	Ambient air temperature	36ºC		
8	Stack temperature	38ºC		
9	Stack height from ground level	17 meter (GL)		
10	Diameter of stack	1.12 meter		
11	No. of traverse point selected	01		

S.NO	PARAMETER	RESULT (mg/Nm³)	Limits (mg/Nm ³⁾ As per CPCB	TEST METHOD
1.	Particulate Matter, mg/Nm ³	20.4	30	IS:11255(Pt -1): 2003 reaffirmed:2019

Note:

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- 3. The sample will be destroyed after Thirty days from the date of issue of test report unless otherwise specified.



** End of Report **

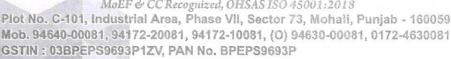


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TEST REPORT

DISPATCH No:-ETL/DSP/ 23 3314

TO

M/s AMBUJA CEMENT LIMITED.(UNIT ROPAR) VILLAGE DABURIL PO LODHIMAIRA DISTTROPAR (PR)

Report No.		ETL/44/2023/G/233239	Report Date	26.04.2023
Your R	ef. No	Nil	Type of sample	Process Stack
Sample Code given by Customer		Nil	Date of sampling	18.04.2023
Sampling Location		New Clinker Tippler Stack No-1	Date of Sample Receipt	19.04.2023
Sample Collected By		Mr. K.K Mishra (Field Officer)	Sample I.D.	ETL/32/2023/G/3239
Sampli	ng procedure	ETL/STP/26	Date of test	19.04.2023-26.04.2023
		TECHNICA	LDATA	
1 Instrument Used for Sampling		VSSI		
2	2 Source of Emission		Process Stack of New C	linker Tippler Stack No-1
3	Fuel used in source		Electricity	

6-0	John Ce Of Enhission	Process stack of New Clinker Lippler Stack No-1
3	Fuel used in source	Electricity
4	Type of stack	Round of Metal
5	Velocity of fuel gases	13.3 m/s
6	Sampling Duration	46 min.
7	Ambient air temperature	36°C
8	Stack temperature	40°C
9	Stack height from ground level	17 meter (GL)
10	Diameter of stack	1.12 meter
11	No. of traverse point selected	01

S.NO	PARAMETER	RESULT (mg/Nm ³)	Limits (mg/Nm ³⁾ As per CPCB	TEST METHOD
1.	Particulate Matter, mg/Nm ³	19.4	30	IS:11255(Pt - 1): 2003 reaffirmed:2019

Note:

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2. This report can neither be used as evidence in the court of law nor can it be used in part of full in any media without prior permission.

3. The sample will be destroyed after Thirty days from the date of issue of test report unless otherwise specified.



** End of Report **

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Plot No. C-101, Industrial Area, Phase VII, Sector 73, Mohali, Punjab - 160059 Mob. 94640-00081, 94172-20081, 94172-10081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P

TEST REPORT

DISPATCH No:-ETL/DSP/ 23 3316

то

M/s AMBUJA CEMENT LIMITED.(UNIT ROPAR) VILLAGE DABURJI, PO LODHIMAJRA, DISTT ROPAR, (PB)

Report No.	ETL/44/2023/G/233240	Report Date	26.04.2023
Your Ref. No	Níl	Type of sample	Process Stack
Sample Code given by	Nil	Date of sampling	18.04.2023
Customer			
Sampling Location	New Clinker Tippler Stack No-2	Date of Sample Receipt	19.04.2023
Sample Collected By	Mr. K.K Mishra (Field Officer)	Sample I.D.	ETL/32/2023/G/3240
Sampling procedure	ETL/STP/26	Date of test	19.04.2023-26.04.2023

TECHNICAL DATA

1	Instrument Used for Sampling	VSSI
2	Source of Emission	Process Stack of New Clinker Tippler Stack No-2
3	Fuel used in source	Electricity
4	Type of stack	Round of Metal
5	Velocity of fuel gases	-13.5 m/s
6	Sampling Duration	47 min
7	Ambient air temperature	36ºC
8	Stack temperature	45°C
9	Stack height from ground level	17 meter (GL)
10	Diameter of stack	1.12 meter
11	No. of traverse point selected	01

S.NO	PARAMETER	RESULT (mg/Nm ³)	Limits (mg/Nm ³⁾ As per CPCB	TEST METHOD
1,	Particulate Matter, mg/Nm ³	20.8	30	IS:11255(Pt -1): 2003 reaffirmed:2019

Note:

1. The test report refers only to tested sample and applicable parameters.

- 2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.
- 3. The sample will be destroyed after Thirty days from the date of issue of test report unless otherwise specified.



** End of Report **

(Author ed Signatory)

AJEET SINGH SAINI Technical Manager Environ Tech Laboratories

Page 1 of 1

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TC-5879

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Plot No. C-101, Industrial Area, Phase VII, Sector 73, Mohali, Punjab - 160059 Mob. 94640-00081, 94172-20081, 94172-10081, (O) 94630-00081, 0172-4630081 GSTIN : 03BPEPS9693P1ZV, PAN No. BPEPS9693P

TEST REPORT

DISPATCH No:-ETL/DSP/ 233298

TO

M/s AMBUJA CEMENT LIMITED.(UNIT ROPAR) VILLAGE DABURJI, PO LODHIMAJRA, DISTT ROPAR, (PB)

Report No.	ETL/44/2023/G/233219	Report Date	26.04.2023
Your Ref. No	Nil	Type of sample	Ambient Air
Sample Code Given by Customer	Nil	Date of sampling	12.04.2023-13.04.2023
Sampling Location	Worker Colony	Date of Sample Receipt	14.04.2023
Sample Collected By	Mr. K.K. Mishra (Field Officer)	Sample I.D.	ETL/32/2023/G/3219
Sampling procedure	ETL/STP/27	Date of test	14.04.2023-26.04.2023

TECHNICAL DATA (PART-A)

1	Location of Sampling Station	1	Worker Colony	
2	Instrument Used for Sampling	142	Respirable Dust Sampler-II	
3	Source of Sampling	in je kinge	Ambient Air	
4	Temperature of Sampling Location	Salaria in 1	30°C	
5	Environmental Condition	UNE DE PER	Max temp. 34°C	
		and a star	Min temp. 18ºC	
		1220	Clear sky and wind direction No	orth to East
6	Flow Rate of Sampling	Street at	0.2 LPM	
. 7	Time Period for Sampling	1	1440 Minutes	1. J. 1
8	Volume of Air Sampled		1.40 m ³	6.21
	1. (1978) (1979) (1979) (1979) (1979)	12 14 15 11 11	Prove the second second	anone - March - Provide

S. No.	PARAMETERS	RESULTS	STANDARD	DETECTIO N LIMIT	TEST METHOD
1.	Respirable Suspended Particulate Matter(PM ₁₀)	84.6	100.0 µg/m ³		IS:5182(Pt-23):2006, Reaffirmed 2017
2.	Sulphur Dioxide (SO2)	7.6	80.0 μg/m ³	or	IS:5182(Pt-2): 2001, Reaffirmed 2017
3.	Nitrogen Dioxide (NO2)	16.4	80.0 μg/m ³		IS:5182(Pt-6):2006, Reaffirmed 2017
4.	Fine Particulate Matter (PM _{2.5})	40.2	60.0 µg/m ³	4	-IS: 5182(Pt-24):2019

Note:

1. The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

3. The sample will be destroyed after thirty days from the date of issue of test report unless otherwise specified.

(Authorized Signatory) AJEET SINGH SAINI

Technical Manager Environ Tech Laboratories

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Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (0) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P

TEST REPORT

DISPATCH No:-ETL/DSP/ 233299

то

M/s AMBUJA CEMENT LIMITED.(UNIT ROPAR) VILLAGE DABURJI, PO LODHIMAJRA, DISTT ROPAR, (PB)

Report No.	ETL/44/2023/G/233219	Report Date	26.04.2023
Your Ref. No	Nil	Type of sample	Ambient Air
Sample Code Given by	Nil	Date of sampling	12.04.2023-13.04.2023
Customer			
Sampling Location	Worker Colony	Date of Sample Receipt	14.04.2023
Sample Collected By	Mr. K.K. Mishra (Field Officer)	Sample I.D.	ETL/32/2023/G/3219
Sampling procedure	ETL/STP/27	Date of test	14.04.2023-26.04.2023

	TECH	INICAL DATA		
(PART-B)				
1	Location of Sampling Station	Worker Colony		
2	Instrument Used for Sampling	Respirable Dust Sampler		
3	Source of Sampling	Ambient Air		
4	Temperature of Sampling Location	30°C		
5	Environmental Condition	Max temp. 34°C		
		Min temp. 18°C		
		Clear sky and wind direction North to East		
6	Flow Rate of Sampling	1 LPM & 2 LPM		
7	Time Period for Sampling	1440 Minutes		
8	Volume of Air Sampled	1.40 m ³		

Sr. No.	PARAMETERS	RESULTS	STANDARD	DETECTION LIMIT	TEST METHOD
5	Carbon Monoxide (CO)	BDL	4.0 mg/m ³ (1 hr)	0.5 µg/m³	IS:5182(P-10) lodine Pentaoxide method
6	Nickel (Ni)	BDL	20.0 ng/m ³	15 ng/m ³	IS 5182(Pt-26):2020
7	Arsenic (As)	BDL	6.0 ng/m ³	5.0 ng/m ³	IS 5182(Pt-26):2020
8	Lead (Pb)	BDL	1.0 μg/m ³	0.1 ng/m ³	IS 5182(Pt-26):2020
9	Benzene (C ₆ H ₆)	BDL	5.0 μg/m ³	0.5 μg/m ³	IS 5182(Pt-11):2006
10	Benzo(a)pyrene (BaP)	BDL	1.0 ng/m ³	1.0 ng/m ³	IS 5182(Pt-12):2004
11	Ammonia (NH3)	BDL	400.0 μg/m ³	20 μg/m ³	IS 5182(Pt-25):2018
12	Ozone (O ₃)	5.6	180.0 μg/m ³ (1 hr)	5.0 μg/m ³	As per CPCB guideline Method
ote:	· · · · ·		•	BDL deno	tes Below Detection Lir

1. The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

3. The sample will be destroyed after thirty days from the date of issue of test report unless otherwise specified.



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End of Report

MoEF & CC Recognized, OHSAS ISO 45001:2018 Plot No. C-101, Industrial Area, Phase VII, Sector 73, Mohali, Punjab - 160059 Mob. 94640-00081, 94172-20081, 94172-10081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P



TEST REPORT

DISPATCH No:-ETL/DSP/233300

TO

M/s AMBUJA CEMENT LIMITED.(UNIT ROPAR) VILLAGE DABURJI, PO LODHIMAJRA, DISTT ROPAR, (PB)

Report No.	ETL/44/2023/G/233220	Report Date	26.04.2023
Your Ref. No	Nil	Type of sample	Ambient Air
Sample Code Given by Customer	Nil	Date of sampling	12.04.2023-13.04.2023
Sampling Location	Biomass Storage Yard	Date of Sample Receipt	14.04.2023
Sample Collected By	Mr. K.K. Mishra(Field Officer)	Sample I.D.	ETL/32/2023/G/3220
Sampling procedure	ETL/STP/27	Date of test	14.04.2023-26.04.2023

		(PART-A	A)	2.2
1	Location of Sampling Station	. Che	Biomass Storage Yard	
2	Instrument Used for Sampling	1659	Respirable Dust Sampler-III	
3	Source of Sampling	-5 R	Ambient Air	1 x
4	Temperature of Sampling Location		30°C	
5	Environmental Condition	1.81 2.1 1.2.2	Max temp. 34°C	paint in a second
			Min temp. 18°C	ni i
	HUT		Clear sky and wind direction	North to East
6	Flow Rate of Sampling		0.2 LPM	
7	Time Period for Sampling	1.50	1440 Minutes	1 A A
8	Volume of Air Sampled	1.1	1.44 m ³	1. A. A.

S.No.	PARAMETERS	RESULTS	STANDARD	DETECTION LIMIT	TEST METHOD
1.	Respirable Suspended Particulate Matter(PM10)	81.7	100.0 µg/m ³		IS:5182(Pt-23):2006, Reaffirmed 2017
2.	Sulphur Dioxide (SO ₂)	7.8	80.0 µg/m ³		IS:5182(Pt-2): 2001, Reaffirmed 2017
3.	Nitrogen Dioxide (NO2)	15.7	80.0 µg/m ³	1 ° °	IS:5182(Pt-6):2006, Reaffirmed 2017
4.	Fine Particulate Matter(PM2.5)	42.5	60.0 μg/m ³	-	IS: 5182(Pt-24):2019

Note:

1. The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

3. The sample will be destroyed after thirty days from the date of issue of test report unless otherwise specified.

(Authorize || Signatory) AJEET SINGH SAINI Technical Manager Environ Tech Laboratories Page 1 of 2

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Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN : 03BPEPS9693P1ZV, PAN No. BPEPS9693P

TEST REPORT

DISPATCH No:-ETL/DSP/23330]

TO

M/s AMBUJA CEMENT LIMITED.(UNIT ROPAR) VILLAGE DABURJI, PO LODHIMAJRA, DISTT ROPAR, (PB)

Report No.	ETL/44/2023/G/233220	Report Date	26.04.2023
Your Ref. No	Nil	Type of sample	Ambient Air
Sample Code Given by Customer	Nil	Date of sampling	12.04.2023-13.04.2023
Sampling Location	Biomass Storage Yard	Date of Sample Receipt	14.04.2023
Sample Collected By	Mr. K.K. Mishra(Field Officer)	Sample I.D.	ETL/32/2023/G/3220
Sampling procedure	ETL/STP/27	Date of test	14.04.2023-26.04.2023

	TECH	NICAL DATA
		PART-B)
1	Location of Sampling Station	Biomass Storage Yard
2	Instrument Used for Sampling	Respirable Dust Sampler-III
3	Source of Sampling	Ambient Air
4	Temperature of Sampling Location	30°C
5	Environmental Condition	Max temp. 34°C
		Min temp. 18°C
		Clear sky and wind direction North to East
6	Flow Rate of Sampling	1 LPM & 2 LPM
7	Time Period for Sampling	1440 Minutes
8	Volume of Air Sampled	1.44m ³

Sr. No.	PARAMETERS	RESULTS	STANDARD	DETECTION LIMIT	TEST METHOD
5	Carbon Monoxide (CO)	BDL	4.0 mg/m ³ (1 hr)	0.5 μg/m ³	IS:5182(P-10) Iodine Pentaoxide method
6	Nickel (Ni)	BDL	20.0 ng/m ³	15 ng/m ³	IS 5182(Pt-26):2020
7	Arsenic (As)	BDL	6.0 ng/m ³	5.0 ng/m ³	IS 5182(Pt-26):2020
8	Lead (Pb)	BDL	1.0 μg/m ³	0.1 ng/m ³	IS 5182(Pt-26):2020
9	Benzene (C ₆ H ₆)	BDL	5.0 μg/m ³	0.5 μg/m ³	IS 5182(Pt-11):2006
10	Benzo(a)pyrene (BaP)	BDL	1.0 ng/m ³	1.0 ng/m ³	IS 5182(Pt-12):2004
11	Ammonia (NH ₃)	BDL	400.0 µg/m ³	20 µg/m ³	IS 5182(Pt-25):2018
12	Ozone (0 ₃)	6.4	180.0 μg/m ³ (1 hr)	5.0 μg/m ³	As per CPCB guideline Method

Note:

1. The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

3. The sample will be destroyed after thirty days from the date of issue of test report unless otherwise specified.



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BDL denotes Below Detection Limit

End of Report

MoEF & CC Recognized, OHSAS ISO 45001:2018

Plot No. G-101, Industrial Area, Phase VII, Sector 73, Mohali, Punjab - 160059 Mob. 94640-00081, 94172-20081, 94172-10081, (O) 94630-00081, 0172-4630081

GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P

TEST REPORT

DISPATCH No:-ETL/DSP/233302-

TO

M/S AMBUJA CEMENT LIMITED.(UNIT ROPAR) VILLAGE DABURJI, PO LODHIMAJRA, DISTT ROPAR, (PB)

ETL/44/2023/G/233216	Report Date	26.04.2023
Nil	Type of sample	Ambient Air
Nil	Date of sampling	14.04.2023-15.04.2023
Clinker Track yard	Date of Sample Receipt	16.04.2023
Mr. K.K. Mishra(Field Officer)	Sample I.D.	ETL/32/2023/G/3216
ETL/STP/27	Date of test	16.04.2023-26.04.2023
	Nil Nil Clinker Track yard Mr. K.K. Mishra(Field Officer)	Nil Type of sample Nil Date of sampling Clinker Track yard Date of Sample Mr. K.K. Mishra(Field Officer) Sample I.D.

	Т	ECHNICAL (PART-		
1	Location of Sampling Station		Clinker Truck yard	12
2	Instrument Used for Sampling		-Respirable Dust Sampler-II	
3	Source of Sampling	132	Ambient Air	
4	Temperature of Sampling Location	E.C. S. S. S. S.	29°C	1997 o
5	Environmental Condition		Max temp. 34°C	- To M]
	5.54		Min temp. 18°C	2.4
			Clear sky and wind direction N	lorth to East
6	Flow Rate of Sampling (Gaseous)		0.2 LPM	and the second
7	Time Period for Sampling		1440 Minutes	
8	Volume of Air Sampled	at the case	1.44 m ³	18

S. No.	PARAMETERS	RESULTS	STANDARD	DETECTION LIMIT	TEST METHOD
, 1,	Respirable Suspended Particulate Matter(PM10)	98.4	100,0 µg/m ³	-	IS:5182(Pt-23):2006, Reaffirmed 2017
2,	Sulphur Dioxide (SO ₂)	15.1	80.0 μg/m ³	-	IS:5182(Pt-2): 2001, Reaffirmed 2017
3.	Nitrogen Dioxide (NO2)	23.6	80.0 μg/m ³	-	IS:5182(Pt-6):2006, Reaffirmed 2017
4.	Fine Particulate Matter (PM _{2.5})	48.2	60.0 μg/m ³	-	IS: 5182(Pt-24):2019

Note:

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2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

3. The sample will be destroyed after thirty days from the date of issue of test report unless otherwise specified.

(Authorized Signatory) AJEET SINGH SAINI Technical Manager Environ Tech Laboratories Page 1 of 2

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Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P

TEST REPORT

DISPATCH No:-ETL/DSP/233303

TO

M/s AMBUJA CEMENT LIMITED.(UNIT ROPAR) VILLAGE DABURJI, PO LODHIMAJRA, DISTT ROPAR, (PB)

Report No.	ETL/44/2023/G/233216	Report Date	26.04.2023
Your Ref. No	Níl	Type of sample	Ambient Air
Sample Code Given by Customer	Nil	Date of sampling	14.04.2023-15.04.2023
Sampling Location	Clinker Truck yard	Date of Sample Receipt	16.04.2023
Sample Collected By	Mr. K.K. Mishra(Field Officer)	Sample I.D.	ETL/32/2023/G/3216
Sampling procedure	ETL/STP/27	Date of test	16.04.2023-26.04.2023

	TECH	NICAL DATA
	(1	PAKT-B)
1	Location of Sampling Station	Clinker Truck yard
2	Instrument Used for Sampling	Respirable Dust Sampler-II
3	Source of Sampling	Ambient Air
4	Temperature of Sampling Location	29°C
5		Max temp. 34°C
		Min temp. 18°C
		Clear sky and wind direction North to East
6	Flow Rate of Sampling	1 LPM & 2 LPM
7	Time Period for Sampling	1440 Minutes
8	Volume of Air Sampled	1.44 m ³

Sr. No.	PARAMETERS	RESULTS	STANDARD	DETECTION LIMIT	TEST METHOD
5	Carbon Monoxide (CO)	BDL	4.0 mg/m ³ (1 hr)	0.5 μg/m ³	IS:5182(P-10) Iodine Pentaoxide method
6	Nickel (Ni)	BDL	20.0 ng/m ³	15 ng/m ³	IS 5182(Pt-26):2020
7	Arsenic (As)	BDL	6.0 ng/m ³	5.0 ng/m ³	IS 5182(Pt-26):2020
8	Lead (Pb)	BDL	1.0 μg/m ³	0.1 ng/m ³	IS 5182(Pt-26):2020
9	Benzene (C ₆ H ₆)	BDL	5.0 μg/m ³	0.5 µg/m ³	IS 5182(Pt-11):2006
10	Benzo(a)pyrene (BaP)	BDL	1.0 ng/m ³	1.0 ng/m ³	IS 5182(Pt-12):2004
11	Ammonia (NH3)	BDL	400.0 μg/m ³	20 μg/m ³	IS 5182(Pt-25):2018
12	Ozone (O ₃)	7.2	180.0 μg/m ³ (1 hr)	5.0 µg/m ³	As per CPCB guideline Method

Note:

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2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

3. The sample will be destroyed after thirty days from the date of issue of test report unless otherwise specified.



Signatory)

BDL denotes Below Detection Limit

End of Report

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Plot No. C-101, Industrial Area, Phase VII, Sector 73, Mohali, Punjab - 160059 Mob. 94640-00081, 94172-20081, 94172-10081, (O) 94630-00081, 0172-4630081 GSTIN : 03BPEPS9693P1ZV, PAN No. BPEPS9693P

TEST REPORT

DISPATCH No:-ETL/DSP/ 233304

то

M/s AMBUJA CEMENT LIMITED.(UNIT ROPAR) VILLAGE DABURJI, PO LODHIMAJRA, DISTT ROPAR, (PB)

Report No.	ETL/44/2023/G/233215	Report Date	26.04.2023
Your Ref. No	Nil	Type of sample	Ambient Air
Sample Code Given by Customer	Nil	Date of sampling	14.04.2023-15.04.2023
Sampling Location	Gunny Bag Godown	Date of Sample Receipt	16.04.2023
Sample Collected By	Mr. K.K. Mishra (Field Officer)	Sample I.D.	ETL/32/2023/G/3215
Sampling procedure	ETL/STP/27	Date of test	16.04.2023-26.04.2023

1	Location of Sampling Station		Gunny Bag Godown	22
2	Instrument Used for Sampling	and the second second	Respirable Dust Sampler-1	
3	Source of Sampling	Alexan P. 9	Ambient Air	10 CM
4	Temperature of Sampling Location	The second second	29°C	1000
5	Environmental Condition	14 M. 1	Max temp. 34°C	11 1 1 2 2 4
aya			Min temp. 18°C	
			Clear sky and wind direction	North to East
6	Flow Rate of Sampling		0.2 LPM	an a star
7	Time Period for Sampling		1440 Minutes	
8	Volume of Air Sampled	·10 1 5. 55	1.44 m ³	

S. No.	PARAMETERS	RESULTS	STANDARD	DETECTION LIMIT	TEST METHOD
1.	Respirable Suspended Particulate Matter(PM10)	83.4	100.0 µg/m ³		IS:5182(Pt-23):2006, Reaffirmed 2017
2.	Sulphur Dioxide (SO ₂)	7.5	80.0 μg/m ³		IS:5182(Pt-2): 2001, Reaffirmed 2017
3.	Nitrogen Dioxide (NO2)	18.1	80.0 μg/m³	*	IS:5182(Pt-6):2006, Reaffirmed 2017
4.	Fine Particulate Matter (PM _{2.5})	40.6	60.0 μg/m ³	-	IS: 5182(Pt-24):2019

Note:

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2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

3. The sample will be destroyed after thirty days from the date of issue of test report unless otherwise specified.

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Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN : 03BPEPS9693P1ZV, PAN No. BPEPS9693P

TEST REPORT

DISPATCH No:-ETL/DSP/ 23305

TO

M/S AMBUJA CEMENT LIMITED.(UNIT ROPAR) VILLAGE DABURJI, PO LODHIMAJRA, DISTT ROPAR, (PB)

Report No.	ETL/44/2021/G/212703	Report Date	26.04.2023
Your Ref. No	Nil	Type of sample	Ambient Air
Sample Code Given by Customer	Nil	Date of sampling	14.04.2023-15.04.2023
Sampling Location	Gunny Bag Godown	Date of Sample Receipt	16.04.2023
Sample Collected By	Mr. K.K. Mishra (Field Officer)	Sample I.D.	ETL/32/2023/G/3215
Sampling procedure	ETL/STP/27	Date of test	16.04.2023-26.04.2023

	TECH	NICAL DATA				
(PART-B)						
1	Location of Sampling Station	Gunny Bag Godown				
2	Instrument Used for Sampling	Respirable Dust Sampler-I				
3	Source of Sampling	Ambient Air				
4	Temperature of Sampling Location	29°C				
5	Environmental Condition	Max temp. 34°C				
		Min temp. 18°C				
		Clear sky and wind direction North to East				
6	Flow Rate of Sampling	1 LPM & 2 LPM				
7	Time Períod for Sampling	1440 Minutes				
8	Volume of Air Sampled	1.44m ³				

Sr. No.	PARAMETERS	RESULTS	STANDARD	DETECTION LIMIT	TEST METHOD
1	Carbon Monoxide (CO)	BDL	4.0 mg/m ³ (1 hr)	0.5 µg/m ³	IS:5182(P-10) lodine Pentaoxide method
2	Nickel (Ni)	BDL	20.0 ng/m ³	15 ng/m ³	IS 5182(Pt-26):2020
3	Arsenic (As)	BDL	6.0 ng/m ³	5.0 ng/m ³	IS 5182(Pt-26):2020
4	Lead (Pb)	BDL	1.0 μg/m ³	0.1 ng/m ³	IS 5182(Pt-26):2020
5	Benzene (C ₆ H ₆)	BDL	5.0 μg/m ³	0.5 μg/m ³	IS 5182(Pt-11):2006
6	Benzo(a)pyrene (BaP)	BDL	1.0 ng/m ³	1.0 ng/m ³	IS 5182(Pt-12):2004
7	Ammonia (NH3)	BDL	400.0 μg/m ³	20 μg/m ³	IS 5182(Pt-25):2018
8	Ozone (O3)	7.9	180.0 µg/m ³ (1 hr)	5.0 μg/m ³	As per CPCB guideline Method

Note:

1. The test report refers only to tested sample and applicable parameters.

This report can neither be used as evidence in the court of taw nor can it be used in part or full in any media without prior permission.
 The sample will be destroyed after thirty days from the part of test report unless otherwise specified.



(uthorized Signatory)

BDL denotes Below Detection Limit

End of Report

Page 2 of 2

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TEST REPORT

DISPATCH No:-ETL/DSP/ 23306

то

M/S AMBUJA CEMENT LIMITED.(UNIT ROPAR) VILLAGE DABURJI, PO LODHIMAJRA, DISTT ROPAR, (PB)

Report No.	ETL/44/2023/G/233218	Report Date	26.04.2023
Your Ref. No	Nil	Type of sample	Ambient Air
Sample Code Given by	Nil	Date of sampling	12.04.2023-13.04.2023
Customer		14 H 2	
Sampling Location	ACL Colony	Date of Sample Receipt	14.04.2023
Sample Collected By	Mr. K.K. Mishra(Field Officer)	Sample I.D.	ETL/32/2023/G/3218
Sampling procedure	ETL/STP/27	Date of test	14.04.2023-26.04.2023

TECHNICAL	DATA
(DADT A	1

1	Location of Sampling Station	ACL Colony	
2	Instrument Used for Sampling	Respirable Dust Sampler-I	
3	Source of Sampling	Ambient Air	100
4	Temperature of Sampling Location	30°C	in the second
5	Environmental Condition	Max temp. 34°C	$\left(\frac{1}{2q^{\log 2}}\right)^{\log d} = 1$
		Min temp. 18°C	
		Clear sky and wind direction	North to east
6	Flow Rate of Sampling	0.2 LPM	
7	Time Period for Sampling	1440 Minutes	
8	Volume of Air Sampled	1.36 m ³	

S. No.	PARAMETERS	RESULTS	STANDARD	TEST METHOD
1.	Respirable Suspended Particulate Matter(PM10)	95.6	100.0 µg/m ³	IS:5182(Pt-23):2006, Reaffirmed 2017
2.	Sulphur Dioxide (SO2)	17.2	80.0 µg/m ³	IS:5182(Pt-2): 2001, Reaffirmed 2017
3.	Nitrogen Dioxide (NO ₂)	23.4	80.0 μg/m ³	IS:5182(Pt-6):2006, Reaffirmed 2017
4.	Fine Particulate Matter (PM _{2.5})	44.7	60.0 µg/m ³	IS: 5182(Pt-24):2019

Note:

1. The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor cat. it be used in part or full in any media without prior permission.

3. The sample will be destroyed after thirty days from the date of issue of test report unless otherwise specified.

(Authorized Signatory) AJERT SINGH SAINI Technical Manager Environ Tech Laboratories Page 1 of 2

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TEST REPORT

DISPATCH No:-ETL/DSP/2 33307

TO

M/s AMBUJA CEMENT LIMITED.(UNIT ROPAR) VILLAGE DABURJI, PO LODHIMAJRA, DISTT ROPAR, (PB)

Report No.	ETL/44/2023/G/233218	Report Date	26.04.2023
Your Ref. No	Nil	Type of sample	Ambient Air
Sample Code Given by	Nil	Date of sampling	12.04.2023-13.04.2023
Customer		1	
Sampling Location	ACL Colony	Date of Sample Receipt	14.04.2023
Sample Collected By	Mr. K.K. Mishra (Field Officer)	Sample I.D.	ETL/32/2023/G/3218
Sampling procedure	ETL/STP/27	Date of test	14.04.2023-26.04.2023

	TECH	NICAL DATA
		PART-B)
1	Location of Sampling Station	ACL Colony
2	Instrument Used for Sampling	Respirable Dust Sampler-I
3	Source of Sampling	Ambient Air
4	Temperature of Sampling Location	30°C
5	Environmental Condition	Max temp. 34°C
		Min temp. 18°C
		Clear sky and wind direction North to east
6	Flow Rate of Sampling	1 LPM & 2 LPM
7	Time Period for Sampling	1440 Minutes
8	Volume of Air Sampled	1.36 m ³

Sf. No.	PARAMETERS	RESULTS	STANDARD	DETECTION LIMIT	TEST METHOD
5	Carbon Monoxide (CO)	BDL	4.0 mg/m ³ (1 hr)	0.5 μg/m³	IS:5182(P-10) lodine Pentaoxide method
6	Nickel (Ni)	BDL	20.0 ng/m ³	15 ng/m ³	IS 5182(Pt-26):2020
7	Arsenic (As)	BDL	6.0 ng/m ³	5.0 ng/m ³	IS 5182(Pt-26):2020
8	Lead (Pb)	BDL	1.0 μg/m ³	0.1 ng/m ³	IS 5182(Pt-26):2020
9	Benzene (C ₆ H ₆)	BDL	5.0 µg/m ³	0.5 µg/m ³	IS 5182(Pt-11):2006
10	Benzo(a)pyrene (BaP)	BDL	1.0 ng/m ³	1.0 ng/m ³	IS 5182(Pt-12):2004
11	Ammonia (NH ₃)	BDL	400.0 μg/m ³	20 μg/m ³	IS 5182(Pt-25):2018
12	Ozone (O ₃)	8.9	180.0 μg/m³ (1 hr)	5.0 μg/m ³	As per CPCB guideline Method

Note:

1. The test report refers only to tested sample and applicable parameters.

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 The sample will be destroyed after thirty days from the date of issue of test report unless otherwise specified.



thorized Signatory) AJEEL SINGH SAINI Technical Manager Environ Tech Laboratories Page 2 of 2

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End of Report

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GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P

TC-5879

TEST REPORT

DISPATCH No:-ETL/DSP/ 23308

то

M/s AMBUJA CEMENT LIMITED.(UNIT ROPAR) VILLAGE DABURJI, PO LODHIMAJRA, DISTT ROPAR, (PB)

Report No.	ETL/44/2023/G/233217	Report Date	26.04.2023
Your Ref. No	Nil	Type of sample	Ambient Air
Sample Code Given by	Níl	Date of sampling	14.04.2023-15.04.2023
Customer			^
Sampling Location	Village Rattanpura	Date of Sample Receipt	16.04.2023
Sample Collected By	Mr. K.K. Mishra (Field Officer)	Sample I.D.	ETL/32/2023/G/3217
Sampling procedure	ETL/STP/27	Date of test	16.04.2023-26.04.2023

	2	TECHNICAI		
		(PART	-A)	14 TV.
1	Location of Sampling Station	2. Salar	Village Rattanpura	
2	Instrument Used for Sampling	CHEROKAE (23)	Respirable Dust Sam	pler-III
3	Source of Sampling	100 100 000	Ambient Air	
4	Temperature of Sampling Location	Rect Contract	30°C	T. J.
5	Environmental Condition	Sec. 1	Max temp. 34°C	
			Min temp. 18°C	1 - 1991
			Clear sky and wind d	irection North to East
6	Flow Rate of Sampling		0.2 LPM	
7	Time Period for Sampling		1440 Minutes	
·8	Volume of Air Sampled	2 . ¹	1.38 m ³	
S. No.	PARAMETERS	RESULTS	STANDARD	TEST METHOD

S. No.	PARAMETERS	RESULTS	STANDARD	TEST METHOD
1,	Respirable Suspended Particulate Matter(PM10)	96.8	100.0 µg/m ³	IS:5182(Pt-23):2006, Reaffirmed 2017
2.	Sulphur Dioxide (SO ₂)	16.5	80.0 μg/m ³	IS:5182(Pt-2): 2001, Reaffirmed 2017
3.	Nitrogen Dioxide (NO ₂)	24.3	80.0 µg/m ³	IS:5182(Pt-6):2006, Reaffirmed 2017
4.	Fine Particulate Matter (PM _{2.5})	48.5	60.0 µg/m ³	IS: 5182(Pt-24):2019

Note:

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2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

3. The sample will be destroyed after thirty days from the date of issue of test report unless otherwise specified.

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AJEET SINGH SAINI Technical Manager Environ Tech Laboratories 2

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TEST REPORT

DISPATCH No:-ETL/DSP/ 233309

то

M/s AMBUJA CEMENT LIMITED.(UNIT ROPAR) VILLAGE DABURJI, PO LODHIMAJRA, DISTT ROPAR, (PB)

Report No.	ETL/44/2023/G/233217	Report Date	26.04.2023
Your Ref. No	Níl	Type of sample	Ambient Air
Sample Code Given by	Nil	Date of sampling	14.04.2023-15.04.2023
Customer			
Sampling Location	Village Rattanpura	Date of Sample Receipt	16.04.2023
Sample Collected By	Mr. K.K. Mishra(Field Officer)	Sample I.D.	ETL/32/2023/G/3217
Sampling procedure	ETL/STP/27	Date of test	16.04.2023-26.04.2023

	TECH	NICAL DATA			
(PART-B)					
1	Location of Sampling Station	Village Rattanpura			
2	Instrument Used for Sampling	Respirable Dust Sampler-III			
3	Source of Sampling	Ambient Air			
4	Temperature of Sampling Location	30°C			
5	Environmental Condition	Max temp. 34°C			
		Min temp. 18°C			
		Clear sky and wind direction North to East			
6	Flow Rate of Sampling	1 LPM & 2 LPM			
7	Time Period for Sampling	1440 Minutes			
8	Volume of Air Sampled	1.38 m ³			

Sr. No.	PARAMETERS	RESULTS	STANDARD	DETECTIO N LIMIT	TEST METHOD
5	Carbon Monoxide (CO)	BDL	4.0 mg/m ³ (1 hr)	0.5 μg/m ³	IS:5182(P-10) lodine Pentaoxide method
6	Nickel (Ni)	BDL	20.0 ng/m ³	15 ng/m ³	IS 5182(Pt-26):2020
7	Arsenic (As)	BDL	6.0 ng/m ³	5.0 ng/m ³	IS 5182(Pt-26):2020
8	Lead (Pb)	BDL	1.0 μg/m ³	0.1 ng/m ³	IS 5182(Pt-26):2020
9	Benzene (C ₆ H ₆)	BDL	5.0 µg/m ³	0.5 μg/m ³	IS 5182(Pt-11):2006
10	Benzo(a)pyrene (BaP)	BDL	1.0 ng/m ³	1.0 ng/m ³	IS 5182(Pt-12):2004
11	Ammonia (NH3)	BDL	400.0 µg/m ³	20 µg/m ³	IS 5182(Pt-25):2018
12	Ozone (O ₃)	7.9	180.0 μg/m ³ (1 hr)	5.0 μg/m ³	As per CPCB guideline Method

Note:

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2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

3. The sample will be destroyed after thirty days from the date of issue of test report unless otherwise specified.



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BDL denotes below Detection Limit

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TEST REPORT

DISPATCH No:-ETL/DSP/23 3 シ 40

TO

M/s AMBUJA CEMENT LIMITED.(UNIT ROPAR) VILLAGE DABURJI, PO LODHIMAJRA, DISTT ROPAR, (PB)

Report No.	ETL/44/2023/G/233222		
Your Ref. No	Nil	Report Date	26.04.2023
Sample Code Given by	Nil	Type of sample	Work Zone Air
Customer	1 1 4 4	Date of sampling	12.04.2023
Sampling Location	CPP Boiler Area	D	
Sample Collected By	Mr. K.K Mishra (Field officer)	Date of Sample Receipt	14.04.2022
Sampling procedure	ETL/STP/27	Sample I.D.	ETL/32/2023/G/3222
		Date of test	14.04.2023-26.04.2023

	TECHNICAL DATA							
1	Location of Sampling Station	CPP Boiler Area						
2	Instrument Used for Fugitive Sampling	Handy Sampler-2						
3	Source of Sampling	Work Zone Air Sample						

r. No,	PARAMETERS	RESULTS (µg/m³)	STANDARD (µg/m ³)	Test Method
1.	Suspended Particulate Matter	4608	5000 µg/m3	Lab SOP

1. The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission. 3. The sample will be destroyed after thirty days from the date of issue of test report unless otherwise specified.



** End of Report **

(Authorized Signatory) AJEET

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TEST REPORT

DISPATCH No:-ETL/DSP/ 233241

TO

M/s AMBUJA CEMENT LIMITED.(UNIT ROPAR) VILLAGE DABURJI, PO LODHIMAJRA, DISTT ROPAR, (PB)

Report No. Your Ref. No	ETL/44/2023/G/233223		26.04.2023
Sample Code Given by	Nil	Type of sample	Work Zone Air
Customer		Date of sampling	13.04.2023
Sampling Location	New Clinker Tippler Area	Date of Sample Receipt	14.04.2022
Sample Collected By	Mr. K.K Mishra	Sample I.D.	
Sampling procedure	(Field officer) ETL/STP/27	Date of test	ETL/32/2023/G/3223

	1	Location of Sampling Station	TECHNICAL DATA	-
			New Clinker Tippler Area	-
	2	Instrument Used for Sampling	Handy Sampler-1	
	3	Source of Sampling		
Ĺ			Work Zone Air Sample	1

Sr. No	PARAMETERS	RESULTS (µg/m³)	STANDARD (µg/m ³)	Test Method
1. Note:	Suspended Particulate Matter	4897	5000 µg/m3	Lab SOP

1. The test report refers only to tested sample and applicable parameters.

 The test report refersionly to tested sample and applicable parameters.
 This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission. 3. The sample will be destroyed after thirty days from the date of issue of test report unless otherwise specified.



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(Autho ignatory) SAINI (Technical Manager Environ Tech Laboratories

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TEST REPORT

DISPATCH No:-ETL/DSP/ 2332 42

TO

M/S AMBUJA CEMENT LIMITED.(UNIT ROPAR) VILLAGE DABURJI, PO LODHIMAJRA, DISTT ROPAR, (PB)

Report No.	ETL/44/2023/G/233224		
Your Ref. No	NI21	Report Date	26.04.2023
Sample Code Given by Customer	NEL	Type of sample	Work Zone Air
Sampling Location	Old CIT I	Date of sampling	13.04.2023
Sample Collected By	Mr. K.K Mishra (Field	Date of Sample Receipt	14.04.2022
0	officer)	Sample I.D.	ETL/32/2023/G/3224
Sampling procedure	ETL/STP/27	Date of tout	
		Date of test	14.04.2023-26.04.2023

1	Location of Come li Diversion	HNICAL DATA	
_	Location of Sampling Station	Old Clinker Tippler Area	
2	Instrument Used for Sampling	Handy Sampler-2	
3	Source of Sampling	Work Zone Air Sample	-

Sr. No	PARAMETERS RESILTS			
	· · · · · · · · · · · · · · · · · · ·	RESULTS (µg/m³)	STANDARD (µg/m ³)	Test Method
1.	Suspended Particulate Matter	4794	5000 µg/m3	Lab SOP
Note:			1	

1. The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission. 3. The sample will be destroyed after thirty days from the date of issue of test report unless otherwise specified.



(Authorized Signatory) AJEEX SINCH SAINI Technical Manager

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TEST REPORT

DISPATCH No:-ETL/DSP/ 2332 43

то

M/s AMBUJA CEMENT LIMITED.(UNIT ROPAR) VILLAGE DABURJI, PO LODHIMAJRA, DISTT ROPAR, (PB)

Report N

Sample Collected By Mr. K.K Mishra Date of Sample Receipt 15.04.2022 Sampling procedure (Field officer) Sample LD. ETL/32/2023/G/3225	Your Ref. No Sample Code Given by Customer Sampling Location	Nil Comont Mill 1	Type of sample Date of sampling	26.04.2023 Work Zone Air 14.04.2023
	Sample Collected By	Mr. K.K Mishra (Field officer)	Date of Sample Receipt Sample I.D.	15.04.2022

	TEC	HNICAL DATA
1	Location of Sampling Station	Cement Mill Area
2	Instrument Used for Sampling	Handy Sampler-1
3	Source of Sampling	Work Zone Air Sample

Sr. No	PARAMETERS	RESULTS (µg/m³)	STANDARD (µg/m³)	Test Method
1. Note:	Suspended Particulate Matter	4779	5000	Lab SOP

1. The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission. 3. The sample will be destroyed after thirty days from the date of issue of test report unless otherwise specified.



End of Report

(Auth rized Signatory) AJEEX SINGH SAINI Technical Manager Environ Tech Laboratories

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TEST REPORT

DISPATCH No:-ETL/DSP/ 233244

то

M/s AMBUJA CEMENT LIMITED.(UNIT ROPAR) VILLAGE DABURJI, PO LODHIMAJRA, DISTT ROPAR, (PB)

Report No. Your Ref. No Sample Code Given by Customer	ETL/44/2023/G/233226 Nil Nil	Report Date Type of sample Date of sampling	26.04.2023 Work Zone Air 14.04.2023
Sampling Location Sample Collected By	Clinker Loading Plant Area, (Near FAD-2) Mr. K.K Mishra (Field officer)	Receipt	15.04.2022
Sampling procedure	ETL/STP/27	Sample I.D. Date of test	ETL/32/2023/G/3226 16.04.2022-26.04.2023

	TECHN	ICAL DATA
1	Location of Sampling Station	Clinker Loading Plant Area, (Near FAD-2)
2	Instrument Used for Sampling	Handy Sampler-2
3	Source of Sampling	Work Zone Air Sample

Sr. No	PARAMETERS	RESULTS (µg/m³)	STANDARD (µg/m³)	Test Method
1. Note:	Suspended Particulate Matter	4893	5000	Lab SOP

1. The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission. 3. The sample will be destroyed after thirty days from the date of issue of test report unless otherwise specified.



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TEST REPORT

DISPATCH No:-ETL/DSP/ 233245

TO

M/s AMBUJA CEMENT LIMITED. (UNIT ROPAR) VILLAGE DABURN, PO LODHUMADA DISTRICT

Daboali,	PO LODHIMAJRA,	DISTT ROPAR, (PB)
Report No.		TH (144 (DORNA) (FD)

Your Ref. No Sample Code Given by Customer	ETL/44/2023/G/233227 Nil Nil	Report Date Type of sample Date of sampling	26.04.2023 Work Zone Air 15.04.2023
Sampling Location Sample Collected By	Gypsum Handling Area Mr. K.K Mishra (Field officer)		16.04.2022
Sampling procedure	FTI /STD /27	Data of the t	ETL/32/2023/G/3227 16.04.2022-26.04.2023

	TECHNICA	L DATA	
1	Location of Sampling Station	Conserve II II	
2	Instrument Used for Sampling	Gypsum Handling Area Handy Sampler-1	
3	Source of Sampling	Work Zone Air Sample	

	Sr. No	PARAMETERS	RESULTS (µg/m³)	STANDARD (µg/m³)	Test Method	1
	1,	Suspended Particulate Matter	4857	5000		
N	lote:			3000	Lab SOP	

1. The test report refers only to tested sample and applicable parameters.

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Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P

TEST REPORT

DISPATCH No:-ETL/DSP/ 233246

To

M/s Ambuja Cement Limited.(Unit Ropar) Village Daburji, PO Lodhimajra, Distt Ropar, (PB)

Report No. Your Ref. No Sample Code Given by Customer	ETL/44/2023/G/233228 Nil Nil	Report Date Type of sample Date of sampling	26.04.2023 Work Zone Air 15.04.2023
Sampling Location Sample Collected By	Plant Main Gate Area Mr. K.K Mishra (Field officer)	Date of Sample Receipt Sample I,D.	16.04.2022 ETL/32/2023/G/3228
Sampling procedure	ETL/STP/27	Date of test	16.04.2022-26.04.2023

	TEC	HNICAL DATA
1	Location of Sampling Station	Plant Main Gate Area
2	Instrument Used for Sampling	Handy Sampler-2
3	Source of Sampling	Work Zone Air Sample

Sr. No	PARAMETERS	RESULTS (µg/m³)	STANDARD (µg/m³)	Test Method
1.	Suspended Particulate Matter	4716	5000	Lab SOP

1. The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission. 3. The sample will be destroyed after thirty days from the date of issue of test report unless otherwise specified.



End of Report

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Environ Tech Laboratories Page 1 of 1

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Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P

TEST REPORT

DISPATCH No:-ETL/DSP/233247

TO

M/s AMBUJA CEMENT LIMITED.(UNIT ROPAR) VILLAGE DABURJI, PO LODHIMAJRA, DISTT ROPAR, (PB)

Report No. Your Ref. No Sample Code Given by Customer	ETL/44/2023/G/233229 Nil Nil	Report Date Type of sample Date of sampling	26.04.2023 Work Zone Air 16.04.2023
Sampling Location	Plant Car Parking Area	Date of Sample Receipt	16.04.2022
Sample Collected By	Mr. K.K Mishra (Field off.cer)	Sample I.D.	ETL/32/2023/G/3229
Sampling procedure	ETL/STP/27	Date of test	16.04.2022-26.04.2023

	TEC	HNICAL DATA	
1	Location of Sampling Station	Plant Car Parking Area	
2	Instrument Used for Sampling	Handy Sampler-1	
3	Source of Sampling	Work Zone Air Sample	

Sr. No	PARAMETERS	RESULTS (µg/m³)	STANDARD (µg/m³)	Test Method
1.	Suspended Particulate Matter	4519	5000	Lab SOP

1. The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission. 3. The sample will be destroyed after thirty days from the date of issue of test report unless otherwise specified.



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Authorized (\$ignatory) H SAINI Technical Manager Environ Tech Laboratories

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Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P

TEST REPORT

DISPATCH No:-ETL/DSP/ 2332-48

то

M/s AMBUJA CEMENT LIMITED.(UNIT ROPAR) VILLAGE DABURJI, PO LODHIMAJRA, DISTT ROPAR, (PB)

Report No. Your Ref. No Sample Code Given by Customer	ETL/44/2023/G/233230 Nil Nil	Report Date Type of sample Date of sampling	26.04.2023 Work Zone Air 16.04.2023
Sampling Location Sample Collected By	Plant East Gate Mr. K.K Mishra (Field officer)	Date of Sample Receipt Sample I.D.	16.04.2022 ETL/32/2023/G/3230
Sampling procedure	ETL/STP/27	Date of test	16.04.2022-26.04.2023

	TEC	HNICAL DATA	
1	Location of Sampling Station	Plant East Gate	
2	Instrument Used for Sampling	Handy Sampler-2	
3	Source of Sampling	Work Zone Air Sample	

Sr. No	PARAMETERS	RESULTS (µg/n1 ³)	STANDARD (µg/m³)	Test Method
1.	Suspended Particulate Matter	4603	5000	Lab SOP

1. The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission. 3. The sample will be destroyed after thirty days from the date of issue of test report unless otherwise specified.



** End of Report **

(Authorized Signatory) AJEET SINGH SAINI

Technical Manager

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Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P

TEST REPORT

DISPATCH No:-ETL/DSP/ 2332 49

TO

M/s AMBUJA CEMENT LIMITED.(UNIT ROPAR) VILLAGE DABURJI, PO LODHIMAJRA, DISTT ROPAR, (PB)

Report No. Your Ref. No Sample Code Given by Customer	ETL/44/2023/G/233221 Nil Nil	Report Date Type of sample Date of sampling	26.04.2023 Work Zone Air 12.04.2023
0 11 -	Biomass handling Area	Date of Sample Receipt	14.04.2022
	Mr. K.K Mishra (Field officer)	Sample I.D.	ETL/32/2023/G/3221
	ETL/STP/27	Date of test	14.04.2023-26.04.2023

4	TECI	HNICAL DATA
T	Location of Sampling Station	Biomass handling Area
2	Instrument Used for Sampling	Handy Sampler-1
3	Source of Sampling	Work Zone Air Sample

Sr. No	PARAMETERS	RESULTS (µg/m³)	STANDARD (µg/m ³)	TEST METHOD
1.	Suspended Particulate Matter	4701	5000 µg/m3	Lab SOP
lote:			0	

1. The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission. 3. The sample will be destroyed after thirty days from the date of issue of test report unless otherwise specified.



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Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN : 03BPEPS9693P1ZV, FAT NB BPEPB653P

DISPATCH No:-ETL/DSP/23 3250

TO

M/s AMBUJA CEMENT LIMITED.(UNIT ROPAR) VILLAGE DABURJI, PO LODHIMAJRA, DISTT ROPAR, (PB)

Report No. Your Ref. No Sample Code Given by Customer	ETL/44/2023/G/233232 Nil Nil	Report Date Type of sample Date of sampling	26.04.2023 Work Zone Air 17.04.2023
Sampling Location	Fly Ash handling Area (East gate)	Date of Sample Receipt	17.04.2022
Sample Collected By Sampling procedure	Mr. K.K Mishra (Field officer) ETL/STP/27	Sample I.D. Date of test	ETL/32/2023/G/3232 17.04.2022-26.04.2023

	TECHNICA	L DATA
1	Location of Sampling Station	Fly Ash handling Area (East gate)
2	Instrument Used for Sampling	#Handy Sampler-2
3	Source of Sampling	Work Zone Air Sample

Sr. No	PARAMETERS	RESULTS (µg/m³)	STANDARD (µg/m³)	Test Method
1. Note:	Suspended Particulate Matter	4833	5000	Lab SOP

1. The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission. 3. The sample will be destroyed after thirty days from the date of issue of test report unless otherwise specified.



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Plot No. C-101, Industrial Area, Phase -VII, Sector-73, Mohali, Punjab- 160059 Mob. 9464000081, 9417220081, 9417210081, (O) 94630-00081, 0172-4630081 GSTIN: 03BPEPS9693P1ZV, PAN No. BPEPS9693P

TEST REPORT

DISPATCH No:-ETL/DSP/ 2332 49

TO

M/s AMBUJA CEMENT LIMITED.(UNIT ROPAR) VILLAGE DABURJI, PO LODHIMAJFA, DISTT ROPAR, (PB)

Report No. Your Ref. No Sample Code Given by Customer		keport Date Type of sample Date of sampling	26.04.2023 Work Zone Air 17.04.2023
Sampling Location Sample Collected By Sampling procedure	FTL (STD (27		17.04.2022 ETL/32/2023/G/3231 17.04.2022-26.04.2023

	INICAL DATA	TECI	1
	Packing Plant Area	Location of Sampling Station	1
	Handy Sampler-1	Instrument Used for Sampling	2
	Work Zone Air Sample	Source of Sampling	3
-	Work Zone Air Sample		r No

	51.140	PARAMETERS	RESULTS (µg/m ³)	STANDAR.D (µg/m³)	Test Method
	1.	Suspended Particulate Matter	4785	5000	Lab SOP
Ì	Note:				

1. The test report refers only to tested sample and applicable parameters.

2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission. 3. The sample will be destroyed after thirty days from the date of issue of test report unless of terwise specified.



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MoEF & CC Recognized, OHSAS ISO 45001:2018 Plot No. C-101, Industrial Area, Phase VII, Sector 73, Mohali, Punjab - 160059 Mob. 94640-00081, 94172-20081, 94172-10081, (O) 94630-00081, 0172-4630081 GSTIN : 03BPEPS9693P1ZV, PAN No. BPEPS9693P

TEST REPORT



Dispatch No: ETL/DSP/ 233237

То

M/s AMBUJA CEMENT LIMITED. (UNIT ROPAR) VILLAGE DABURJI, PO LODHIMAJRA, DISTT ROPAR, (PB)

Report No.	ETL/44/2023/G/233257	Report Date	26.04.2023
Your Ref. No.	Nil	Type of sample	Sewage Water
Sample Code Given by Customer	Nil	Quantity	2 Litre Plastic Bottle +2Litre Glass Bottle
		Date of sampling	18.04.2023
Sampling Location	STP inlet(350KLD)	Date of sample receipt	19.04.2023
Sample Collected by	Mr. K.K Mishra(Field Officer)	Sample I.D.	ETL/32/2023/G/3257
Sampling procedure	ETL/STP/W/33	Date of test	19.04.2023-26.04.2023
Sample Description	Turbid water		2010 1120A0 2010 112020

S. NO.	PARAMETERS	TEST RESULTS	TEST METHODS
1.	pH	7.13	IS:3023 (Part-11)2002,Reaff.20121
2.	Total Suspended Solids, mg/l	188	IS:30215(Part-17)2002, Reaff.2017
3.	Total Dissolved Solid, mg/l	690	IS:3000(Part-16)2006, Reaff.2017
4.	Bio-chemical Oxygen Demand at 27 ³ C, 3 days, mg/l	158	IS: 3025(Part-44)2009, Reaff.2014.
5.	Chemical Oxygen Demand, mg/l	220	IS:3025(Part-58)2006,Reaff.2017
6.	Oil and Grease, mg/L	15.2	IS:3025(Part-39)2003,Reaff.2014

Note:

1. The test report refers only to tested sample and applicable parameters.

 This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

3. The sample will be destroyed after thirty days from the date of issue of test report unless otherwise specified.



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AJEET SINGH SAINI Technical Manager Environ Tech Laboratories Page 1 Of 1

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Doc. No F-E-060-06 Day time limit =75d8(A)	G.B.AG.G. R.H.STORAGE COLONY M.GATE COLONY M.GATE COLONY W.SIDE dB(A) dB(A) dB(A) dB(A) dB(A) dB(A) 57.9 59.5 51.8 49.5 43.6 41.4 57.9 59.5 51.8 49.5 43.6 41.4 57.1 52.1 48.1 42.9 39.9 41.4 59.1 60.5 51.7 49.8 44.23 40.4 59.1.8 51.70 49.38 44.23 40.7 59.1.8 61.50 51.70 49.38 44.23 40.4 59.1.8 61.50 51.70 49.38 44.23 40.7 59.1.8 61.50 51.70 49.38 44.23 40.7 59.1.8 61.50 51.70 49.38 40.7 40.4 59.1.9 61.6 61.6 61.6 41.6 40.5 59.1.9 57.6 49.7 48.8 41.6 40.5 55.5 57.6 <td< th=""></td<>
01/10/2022 TO 31/10/2022 Day time li	4.570RAGE COLONY M.GATE COLONY E. dB(A) dB(A) dB(A) 59.5 51.8 49.5 61.5 51.7 49.1 60.5 51.7 49.38 61.50 51.7 50.1 61.50 51.70 49.38 61.50 51.70 49.38 61.50 51.70 49.38 61.50 51.70 49.38 61.50 51.70 49.38 61.50 51.70 49.38 61.50 51.70 49.38 61.50 51.70 49.38 51.70 49.3 48.8 60.3 50.3 47.7 59.5 50.1 50.3 61.1 50.6 48.2 59.63 50.13 48.40
	V Ash Driyer MAIN GATE E, GATE dB(A) dB(A) dB(A) 62.4 64.9 62.5 61.5 62.6 64.1 60.8 65.5 64.2 60.8 65.5 64.2 61.9 65.5 64.2 61.9 65.5 64.2 61.98 63.63 63.63 61.98 63.63 63.63 61.9 62.1 69.6 62.1 62.1 59.2 60.5 61.9 61.5 59.7 63.2 61.5 60.5 61.4 61.5 60.5 61.9 62.5 60.90 61.9 62.5 60.90 61.9 62.5 60.90 61.93 61.3
E (6:00 AM TO 10:00 PM)	dB(A) dB(A) <th< td=""></th<>
READING TAKEN IN DAY TIM 	dB(A) dB(A) <th< td=""></th<>

Prepared By



Annexuore-Ie.

Tendent condition to the properties of the propropris of the properties of the properties of the proper	22 22 22								AWIBUJA CEMENI LIMILEU UNIT ROPAR NOISE MONITORING REPORT FROM	JRT FROM		01/11/20	01/11/2022 TO 30/11/2022	022	Doc. No F-E-060-06	0-06			
Truncing Control Contro Control Control <t< th=""><th></th><th></th><th>READIN(</th><th>G TAKEN IN E</th><th>PAY TIME (I</th><th>5:00 AM T</th><th>0 10:00 PM)</th><th></th><th>Δ</th><th>MRIENT AIR N</th><th></th><th></th><th></th><th></th><th>Day time limit =750</th><th>dB(A)</th><th></th></t<>			READIN(G TAKEN IN E	PAY TIME (I	5:00 AM T	0 10:00 PM)		Δ	MRIENT AIR N					Day time limit =750	dB(A)			
1 1	6.11.2022 2.11.2022 9.11.2022 3.11.2022	ASH SYSTEM	C.H.It	C.M.G.BOX	C.M.AREA	C.H.I	TURB.BLD.		Fly Ash Driver	MAIN GATE	E. GATE	G.BAG.G	R.H.STORAGE	COLONY M.GATE	COLONY E. GATE	CHILDREN PARK	COLONY W.SIDE		
Trial 1/2 </td <td>2.11.2022 9.11.2022 3.11.2022</td> <td>74.6</td> <td>81.4</td> <td>96.5</td> <td>84.2</td> <td>81.4</td> <td>63.9</td> <td>61.3</td> <td>54.6</td> <td>62.4</td> <td>GB(A)</td> <td>66.9</td> <td>dB(A) 61 5</td> <td>dB(A) 53.1</td> <td>dB(A) 52 a</td> <td>dB(A)</td> <td>dB(A)</td>	2.11.2022 9.11.2022 3.11.2022	74.6	81.4	96.5	84.2	81.4	63.9	61.3	54.6	62.4	GB(A)	66.9	dB(A) 61 5	dB(A) 53.1	dB(A) 52 a	dB(A)	dB(A)		
Transmission Transmission<	9.11.2022	73.9	80.1	96.9	83.8	80.7	62.5	60.5	53.8	61.7	62.5	58.3	62.6	52.7	53.2	43.8	8.74		
T33 B15 G13 B13 B13 <td>3.11.2022</td> <td>75.1</td> <td>82.3</td> <td>97.8</td> <td>82.5</td> <td>79.9</td> <td>62.8</td> <td>60.9</td> <td>54.1</td> <td>63.1</td> <td>61.7</td> <td>57.7</td> <td>60.8</td> <td>52.4</td> <td>50.3</td> <td>43.1</td> <td>42.9</td>	3.11.2022	75.1	82.3	97.8	82.5	79.9	62.8	60.9	54.1	63.1	61.7	57.7	60.8	52.4	50.3	43.1	42.9		
7.24 100 613 651 603 651 613 613 515 731 734 731 <td></td> <td>73.3</td> <td>81.9</td> <td>96.2</td> <td>83.7</td> <td>80.5</td> <td>64.2</td> <td>62.1</td> <td>53.2</td> <td>62.5</td> <td>64.1</td> <td>58.9</td> <td>61.2</td> <td>53.6</td> <td>51.2</td> <td>42.4</td> <td>43.1</td>		73.3	81.9	96.2	83.7	80.5	64.2	62.1	53.2	62.5	64.1	58.9	61.2	53.6	51.2	42.4	43.1		
Table Elization Filter Filte	0.11.2022	72.8	80.6	98.3	81.9	80.3	65.1	6.09	56.1	60.3	62.3	58.5	62.3	52.1	50.7	41.2	42.4		
Matter in Weit Til Mic Totophy To Geoophy Matter in Weit Til Mic Totophy Matter in Weit Til Mic Total AT Matter in Weit Til Mic Total AT Matter in Total AT	Avg.	73.94	81.26	97.14	83.22	80.56	63.70	61.14	54.36	62.00	63.08	58.06	61.68	52.78	51.66	42.40	43.06		
Numericant Numericant Contraction Co		R.	EADING T	AKEN IN NIGI	HT TIME (1)	0:00PM T((MA00:00 C								Night time limit = 70	(A)			
(6) (6) <td></td> <td>ASH SVCTEM</td> <td>71</td> <td>T M G BOX</td> <td>C M AREA</td> <td>T H C</td> <td></td> <td><u></u></td> <td>Elv Ach Driver</td> <td>MAIN GATE</td> <td>F CATE</td> <td></td> <td>-> DILICTODACE</td> <td>COLONY 84 CATE</td> <td>COLORIVE CAT</td> <td>ALL COMMUNICATION</td> <td></td>		ASH SVCTEM	71	T M G BOX	C M AREA	T H C		<u></u>	Elv Ach Driver	MAIN GATE	F CATE		-> DILICTODACE	COLONY 84 CATE	COLORIVE CAT	ALL COMMUNICATION			
725 821 823 824 823 <td></td> <td>dB(A)</td> <td></td> <td>dB(A)</td> <td>dB(A)</td> <td>dB(A)</td> <td></td> <td></td> <td>dB(A)</td> <td>dB(A)</td> <td></td> <td></td> <td>dB(A)</td> <td>dR(A)</td> <td>CULUNY E. GALE</td> <td>CHILUKEN PARK</td> <td>COLONY W.SIC</td>		dB(A)		dB(A)	dB(A)	dB(A)			dB(A)	dB(A)			dB(A)	dR(A)	CULUNY E. GALE	CHILUKEN PARK	COLONY W.SIC		
736 735 53.5 60.1 53.4 62.1 53.4 63.2 63.3 53.3 63.3 53.3 63.3 53.3 63.3 53.3 63.3 53.3 63.3 53.3 63.3 53.3 63.3 53.3 63.3 53.3 63.3 53.3 63.3 53.3 63.3 53.3 63.3 53.3 63.3 53.3 63.3 53.3 63.3 53.3 63.3 53.3 63.3 53.3 63.3 53.3 6	5.11.2022	72.5	82.1	93.7	82.1	78.4	62.4	60.7	53.5	60.6	63.1	54.9	62.5	51.7	50.3	41.1	41 5		
714 813 811 811 611 613 523 613 623 613 <td>2.11.2022</td> <td>73.6</td> <td>79.5</td> <td>95.5</td> <td>80.9</td> <td>79.6</td> <td>62.1</td> <td>59.4</td> <td>52.7</td> <td>59.9</td> <td>61.2</td> <td>56.7</td> <td>59,4</td> <td>48.5</td> <td>49.8</td> <td>39.6</td> <td>40.3</td>	2.11.2022	73.6	79.5	95.5	80.9	79.6	62.1	59.4	52.7	59.9	61.2	56.7	59,4	48.5	49.8	39.6	40.3		
132 132 131 132 133 <td>9.11.2022</td> <td>70.4</td> <td>80.3</td> <td>95,1</td> <td>81.5</td> <td>80.1</td> <td>61.8</td> <td>60.1</td> <td>52.3</td> <td>61.2</td> <td>62.5</td> <td>55.3</td> <td>61.7</td> <td>50.9</td> <td>52.1</td> <td>40 5</td> <td>419</td>	9.11.2022	70.4	80.3	95,1	81.5	80.1	61.8	60.1	52.3	61.2	62.5	55.3	61.7	50.9	52.1	40 5	419		
17.03 68.03 96.7 81.0 61.0 62.0 63.0 <	11.2022	68.7	80.7	6.79	81.1	79.7	63.2	61.5	53.2	60.3	62.1	56.5	60.3	50.2	49.5	40.9	42.3		
T122 BGS6 55.78 91.26 79.60 55.70 50.30 50.36 50.30 50.36 60.36 50.30 50.36 60.36 50.30 50.36 60.36 50.30 50.36 60.36 50.30 50.36 60.36 50.30 50.36 60.36 50.30 50.36 60.36 50.30 50.36 60.36 50.30 50.36 60.86 60.86 60.86 60.86 60.86 60.86 70.30 70.31 7	111.2022	70.9	80.3	96.7	80.7	81.2	61.4	60.2	52.9	61.5	63.6	57.1	58.9	49.7	50.1	42.3	40.8		
Information of the formation of the former capacity in the start handler note level granter 75dB(A) & 70dB(A) during day time 8 ngHz time respectively. Dec. No F F-690-6 AMBLIA CEMENT LIMITED UNIT REPAR DIC No F F-690-6 AMBLIA CEMENT LIMITED UNIT REPAR DIC No F F-690-6 AMBLIA CEMENT LIMITED UNIT REPAR DIC No F F-690-6 AMBLIAT CAN OILTR ANCINENCE OF THE ADD TO TO DO PM) COL MARK CAN COL MARK CAN DIC NAMENT	AVEN	71.22	80.58	95.78	81.26	79.80	62.18	60.38	52.92	60.70	62.50	56.10	60.56	50.20	50.36	40.88	41.36		
Americal Control	pared By														-				
FEADING TAKEN IN DAY TIME (6.00 AM TO (J.300 PM) Contracts to 13 July and interm 15 July and intermediate the particular model. Day time limit = 75 del(A) FEADING TAKEN IN DAY TIME (6.00 AM TO (J.300 PM) Contracts Coll 10 Colspan="2">Contracts Colspan="2" PANT MACHINERY NOE: A model of a log(A) GIA Colspan="2">Colspan="2" Day time limit = 75 del(A) T31 Bit A GIA GIA <th <="" colspan="2" th="" th<=""><th>4</th><th></th><th></th><th></th><th></th><th></th><th></th><th>AMBUJA CE</th><th>MENT LIMITED</th><th>UNIT ROPAR</th><th></th><th>200/ C 1/ 10</th><th>UCHIC OT U</th><th></th><th>Doc. No F-E-06</th><th>0-06</th><th></th></th>	<th>4</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>AMBUJA CE</th> <th>MENT LIMITED</th> <th>UNIT ROPAR</th> <th></th> <th>200/ C 1/ 10</th> <th>UCHIC OT U</th> <th></th> <th>Doc. No F-E-06</th> <th>0-06</th> <th></th>		4							AMBUJA CE	MENT LIMITED	UNIT ROPAR		200/ C 1/ 10	UCHIC OT U		Doc. No F-E-06	0-06	
First Hyster CHII CMAG BOX CMARE CHI TURBLD. BOLLER ARA First Hyster CHII CMAG BOX CMARE CHI TURBLD. CHIDREN PARK 08(A)	J		READING	5 TAKEN IN D	DAY TIME (6	5:00 AM T	O 10:00 PM)			VARIENT AIR N	OFFE	17/7T/TD	7/71/TE 01 75	770	Day time limit =75d	18(A)			
Transmission Markan Classes Control Classe		a cli coorta a			C BA ADTA				71. A.L. O.M.		1 1 1 1 1			ACTORNO A STATE	And Associate	0111 000 11 10			
UP/N UP/N <th< td=""><td></td><td>ASH SYSTEM</td><td></td><td></td><td>L-IVI-AREA</td><td>40(4)</td><td></td><td></td><td>Hy Asri Uriyer</td><td></td><td>E. GALE</td><td>0.0840.0</td><td>K.H.STURAGE</td><td>LULUNY MIGARE</td><td>LULUNY E. GAIE</td><td>CHILDREN PARK</td><td>COLONY W.SIL</td></th<>		ASH SYSTEM			L-IVI-AREA	40(4)			Hy Asri Uriyer		E. GALE	0.0840.0	K.H.STURAGE	LULUNY MIGARE	LULUNY E. GAIE	CHILDREN PARK	COLONY W.SIL		
71.2 81.4 55.8 82.9 80.4 63.5 55.5 61.1 60.5 83.5 52.8 43.7 43.7 43.7 71.2 81.6 57.1 81.1 65.5 65.1 47.1 65.8 52.1 57.1 51.5 43.7 43.9 42.1 71.95 78.45 81.1 65.5 65.1 65.3 57.5 54.1 51.5 43.7 43.7 43.7 71.95 83.3 95.43 81.1 65.3 65.3 61.6 57.60 53.2.0 53.2 53.2 43.7 43.7 71.95 83.4 61.20 46.53 6.1.63 65.3 57.60 53.2.0 53.2.0 53.2.0 33.2.0 33.6 43.7 Night time limit - 7048(N Night time limit - 7048(A) Night no limin 37 <td cols<="" td=""><td>CCUC C1 :</td><td>12 B</td><td>(2) an</td><td>616</td><td>80 E</td><td>78.8</td><td>(w)an</td><td>61 7</td><td>46.7</td><td>62 A</td><td>(A)au</td><td>(H)an</td><td>(A)</td><td>40(A)</td><td>28 B</td><td>12 0 2 V</td><td>10 7 10 7</td></td>	<td>CCUC C1 :</td> <td>12 B</td> <td>(2) an</td> <td>616</td> <td>80 E</td> <td>78.8</td> <td>(w)an</td> <td>61 7</td> <td>46.7</td> <td>62 A</td> <td>(A)au</td> <td>(H)an</td> <td>(A)</td> <td>40(A)</td> <td>28 B</td> <td>12 0 2 V</td> <td>10 7 10 7</td>	CCUC C1 :	12 B	(2) an	616	80 E	78.8	(w)an	61 7	46.7	62 A	(A)au	(H)an	(A)	40(A)	28 B	12 0 2 V	10 7 10 7	
73.1 84.6 94.9 85.1 63.1 67.1 65.8 63.2 55.7 54.1 51.2 49.2 39.3 70.7 84.6 97.1 81.3 83.3 95.43 63.7 61.2 62.3 51.5 57.6 53.2 95.4 49.2 39.3 71.95 83.33 95.43 83.4 61.2 61.2 61.5 57.60 53.2.0 51.2 47.4 34.3 READING TAKeN IN NIGHT TIME (J0:00PM TO 06:00AM) READING TAKEN IN NIGHT TIME (J0:00PM TO 06:00AM) Antion 100 Single 100 S	.12.2022	71.2	81.4	95.8	82.9	80.4	63.9	59.5	45.9	61.1	60.5	58.5	52.8	49.7	48.9	42.1	40.2		
70.7 84.6 97.1 81.3 82.6 62.4 60.5 46.4 61.2 62.1 57.1 51.2 47.8 43.7 71.95 83.33 95.43 82.45 81.48 63.78 61.20 46.53 62.63 61.63 57.60 53.20 50.65 43.68 43.7 READING TAKEN IN NIGHT TIME (10:00FM TO 05:00AM) AT PLANT MACHINERY NOISE AMBIENT AM AMBIENT AM AMBIENT AM AMBIENT AM A1.6 53.20 50.65 43.68 42.40 FUNAH SYSTEM CH-II CM.6.BOX CMARA CH-II UNBACHINERY NOISE A1.81 A1.64 46.43 57.5 47.9	12.2022	73.1	84.6	94.9	85.1	83.1	65.5	63.1	47.1	65.8	62.2	55.7	54.1	51.5	49.2	39.9	41.5		
71.95 83.33 95.43 81.48 63.78 61.20 46.53 62.65 57.60 53.20 50.65 42.60 42.40 READING TAKEN IN NIGHT TIME (20.0PM TO 60.00AM) A CALL PLANT MACHINERY NOISE A BIA, BIA, BIA, BIA, BIA, BIA, BIA, BIA	0.12.2022	70.7	84.6	97.1	81.3	83.6	62.4	60.5	46.4	61.2	62.1	57.1	52.3	51.2	47.8	43.7	38.7		
READING TAKEN IN NIGHT TIME (10:00PM TO 06:00AM) A CHIL TIME (10:00PM TO 06:00AM) INGRET FINE (10:00PM TO 06:00AM) FLYASH SYSTEM CHIL CMAREA CHIL TURB BLD. BOLLER AREA FIV Ash Driver MAIN GATE E GATE G.BAG. R.H.STORAGE COLONY M.GATE COLONY E.GATE CHILDREN PARK dB(A)	Avg.	71.95	83.33	95.43	82.45	81.48	63.78	61.20	46.53	62.63	61.63	57.60	53.20	50.65	48.68	42.40	40.28		
Accomposition PLANT MACHINERY NOISE Accommodeline and the product of the product		RE	EADING TA	VKEN IN NIGH	HT TIME (1	0:00PM T((IMA00:30 C								Night thme limit $= 70$	odB(A)			
FLVSH SYSTEM CH.II CMAREA C.H.I TURB.BLD. BOLLER AREA FV Ash Dinyer MAIN GATE G. E. GAGG R.H.STORAGE COLONY M.GATE COLONY M.GATE COLONY M.GATE CHILDREN PARK dB(A)			PLAN	IT MACHINE	RY NOISE	A reason of the former of the second second			A	MBIENT AIR N	OISE	ť.	Ŷ						
Turky Wirky		ASH SYSTEM	C.H.II	C.M.G.BOX	C.M.AREA	C.H.I			Fly Ash Driyer dR(Δ)	MAIN GATE dR(A)	E. GATE		R.H.STORAGE	COLONY M.GATE	COLONY E. GATE	CHILDREN PARK	COLONY W.SID		
All Out First Out F	C 13 2035	10/00	1 10	1000	0.02	1 1 22	1 602	60.1	43.1	61.1	0 00	58.8	5 5	C 07	47.4	41 5	0 35		
72.3 8.4. 9.3. 8.1. 6.3. 40.8 61.1 60.2 53.5 51.2 70.3 47.5 38.9 70.83 81.5 95.3 79.3 82.1 61.3 59.5 53.5 50.7 50.2 47.6 38.9 70.83 81.58 94.15 80.75 59.5 54.6 61.9 55.3 50.7 50.2 46.8 42.6 70.83 81.58 94.15 80.73 80.33 62.05 59.3 42.5 50.7 50.2 45.8 42.6 AEr Muff, nthe area having noise level granter 75d8(A) & 70d8(A) during day time & night time respectvely. 42.5 50.5 50.5 50.5 45.60 47.45 40.80	CEUC CL 3	6 D 2	TTO TTO	010	1.08	1.07	67.4	57.6	42.6	1.120	58.4	57.1	02.20	48.0	48.1	1.02	50 A		
69.9 82.7 95.3 79.3 82.1 61.9 59.5 42.5 59.6 61.9 55.3 50.7 50.2 46.8 42.6 70.83 81.58 94.15 80.75 80.38 62.05 59.5 61.0 55.3 50.7 50.2 46.8 42.6 T0.83 81.58 94.15 80.75 80.38 62.05 50.30 60.10 56.18 50.58 42.65 40.80 e Ear Muff, n the area having noise level grazerar 75d8(A) & 70d8(A) during day time & night time respectively. 60.50 60.10 56.18 50.58 49.60 47.45 40.80	2202:21-0	0.00	1 00	2 20	1.00	100	63.7	50.3	40.8	51 1	100	1 1 1 1	51.7	50.1	47.5	101	2.04		
70.83 81.58 94.15 80.75 80.38 62.05 59.38 42.33 60.50 60.10 56.18 50.58 49.60 47.45 40.80 R = T Mut % in the area having noise level granter T 5d8(A) & 70d8(A) during day time & night time respectively. 50.58 49.60 47.45 40.80	12 2022	69 G	2 2 2	95.3	79.3	82.1	61.9	59.5	42.5	59.6	61.9	55.3	50.7	2012	46.8	47.6			
A Ear Murk, In the area having noise level granter 75dB(A) & 70dB(A) during day time & night time respectively.	Ave.	70.83	81.58	94.15	80.75	80.38	62.05	59.38	42.33	60.50	60.10	56.18	50.58	49.60	47.45	40.80	38.65		
epared By	emark : Usa Ear	Muffur the ar	rea having	noise level g	preater 75d	B(A) & 70	dB(A) during	day tìme & nigh	t time respective										
Vin S	epared By	A		Cell	S	K													
		X		1	alen Hude	TD													
				10	ad man														

Mile Dev (there limit = 7:56 (A)) Dev (there limit = 7:56 (A)) 81.0 06(A)	Dev three limit= 75d6(A) 0. BOLLRA RVAND Priver MAIK GALORY VE GALE CLOWY GALTE CLOWY EGATE CHIDRER PARATE CLOWY EGATE CLOWY E	
MAIN GATE C. GATE G. B.G.G. R.H.STORAGE COLONY M.GATE CALLDREN PARK 61/3) 61/3) 61/3) 61/3) 61/3) 61/3) 61/3) 61/3) 61/3) 61.1 57.5 54.9 95.7 45.3 45.3 47.3 47.3 61.1 57.1 50.3 54.9 45.7 47.3 43.3 61.7 51.1 57.1 56.0 45.5 43.3 43.3 61.7 51.3 57.1 55.0 61.5 45.3 43.3 MIN GATE E.GATE G.B.G. KLSTORAGE COLONY M.GATE COLONY E.GATE 43.3 MIN GATE G.B.G. 55.9 56.9 57.3 48.3 43.3 G.S. 55.9 58.03 58.03 48.13 44.5 43.3 G.S. 55.9 58.03 48.13 44.5 43.3 43.3 G.S. 55.9 58.03 48.13 44.5 43.3 43.3 <t< th=""><th>MMIN GATE C. G. M. STOB. G. R. HATOBAGE COLOW K. GATE CHLDRETV PARK 68(A) 68(A)</th><th>< i </th></t<>	MMIN GATE C. G. M. STOB. G. R. HATOBAGE COLOW K. GATE CHLDRETV PARK 68(A)	< i
dB(A) dB(A) <th< th=""><th>GE(A) GE(A) <th< th=""><th>C.H.I</th></th<></th></th<>	GE(A) GE(A) <th< th=""><th>C.H.I</th></th<>	C.H.I
63.1 61.1 57.5 54.9 48.5 42.9 43.7 61.7 61.7 57.3 57.3 53.8 50.5 45.7 44.1 61.7 61.7 57.3 57.3 57.3 57.3 44.3 44.3 61.7 61.7 57.3 57.3 56.9 43.7 44.3 61.7 61.7 57.3 57.3 57.3 44.3 43.7 61.3 61.3 57.3 57.3 57.3 43.9 43.3 61.3 61.3 61.3 54.7 51.3 43.9 43.3 61.3 61.3 55.5 56.9 62.3 48.9 43.3 43.3 61.3 61.3 54.7 52.1 47.3 43.3 43.3 61.3 56.3 55.9 58.03 43.3 43.3 43.3 61.3 60.0 55.95 58.03 43.13 43.3 43.3 61.3 50.3 43.3 </td <td>631 61.1 57.3 54.9 64.7 64.7 64.3 64.3 61.3 51.4 57.3 54.9 48.7 47.8 42.9 61.3 57.1 56.3 55.3 56.6 45.7 43.3 61.5 57.13 56.6 51.3 57.14 56.6 45.7 43.3 61.7 61.3 57.14 56.6 45.7 45.3 43.3 MiNt Krit E. Kutt 6.16.3 56.9 53.3 54.1 46.6 45.7 43.1 60.1 55.9 56.3 53.3 48.9 48.3 41.5 61.3 56.1 53.3 56.1 45.3 41.3 42.1 61.3 56.1 53.3 48.3 48.3 41.3 43.3 61.3 56.1 55.9 58.03 48.13 41.5 41.3 61.3 56.5 55.9 58.03 48.13 41.5 41.5 61.3</td> <td>dB(A) 81.5</td>	631 61.1 57.3 54.9 64.7 64.7 64.3 64.3 61.3 51.4 57.3 54.9 48.7 47.8 42.9 61.3 57.1 56.3 55.3 56.6 45.7 43.3 61.5 57.13 56.6 51.3 57.14 56.6 45.7 43.3 61.7 61.3 57.14 56.6 45.7 45.3 43.3 MiNt Krit E. Kutt 6.16.3 56.9 53.3 54.1 46.6 45.7 43.1 60.1 55.9 56.3 53.3 48.9 48.3 41.5 61.3 56.1 53.3 56.1 45.3 41.3 42.1 61.3 56.1 53.3 48.3 48.3 41.3 43.3 61.3 56.1 55.9 58.03 48.13 41.5 41.3 61.3 56.5 55.9 58.03 48.13 41.5 41.5 61.3	dB(A) 81.5
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61.7 61.7 57.1 65.1 50.2 46.5 43.7 EVATAIR NOSE 61.3 57.14 55.1 57.14 55.1 43.7 45.7 45.5 43.3 MIN GATE 61.53 57.14 55.0 43.13 45.5 43.2 43.3 MIN GATE 61.63 61.0 14.6 61.6 43.3 43.3 60.7 55.5 56.9 62.3 48.3 43.4 41.5 61.3 60.2 55.55 58.03 48.13 43.3 43.3 61.3 60.20 55.55 58.03 48.13 43.5 43.3 61.3 60.60 55.55 58.03 48.13 43.5 43.3 61.3 60.60 55.55 58.03 48.13 43.5 43.3 61.3 60.60 55.55 58.03 48.13 43.3 61.3 60.60 55.55 58.03 43.13 43.3 61.3 60.60 <td>61.7 61.7 51.1 65.1 50.2 66.2 43.7 Night time limit = 7048(A) FRM 48.0 49.15 46.65 43.28 MAIN GATE GATE GAGG RHATORAGE CLONV M.GATE COLOVE 6.GAFE FHIDREN PARK MAIN GATE GATE GAGG RHATORAGE COLOVY M.GATE COLOVE 6.GAFE FHIDREN PARK MAIN GATE GATE GAGG RHATORAGE COLOVY M.GATE COLOVE 6.GAFE FHIDREN PARK GR(A) BR(A) BR(A) BR(A) BR(A) BR(A) BR(A) 60.2 55.9 62.3 48.13 48.13 44.51 42.3 61.3 60.2 55.95 56.03 48.13 44.55 42.40 61.3 60.2 55.95 56.03 48.13 43.3 43.3 61.3 61.3 61.3 48.13 44.35 43.3 43.4 FROM 61.01 61.04 61.01 61.4 41.4 <t< td=""><td>82.1</td></t<></td>	61.7 61.7 51.1 65.1 50.2 66.2 43.7 Night time limit = 7048(A) FRM 48.0 49.15 46.65 43.28 MAIN GATE GATE GAGG RHATORAGE CLONV M.GATE COLOVE 6.GAFE FHIDREN PARK MAIN GATE GATE GAGG RHATORAGE COLOVY M.GATE COLOVE 6.GAFE FHIDREN PARK MAIN GATE GATE GAGG RHATORAGE COLOVY M.GATE COLOVE 6.GAFE FHIDREN PARK GR(A) BR(A) BR(A) BR(A) BR(A) BR(A) BR(A) 60.2 55.9 62.3 48.13 48.13 44.51 42.3 61.3 60.2 55.95 56.03 48.13 44.55 42.40 61.3 60.2 55.95 56.03 48.13 43.3 43.3 61.3 61.3 61.3 48.13 44.35 43.3 43.4 FROM 61.01 61.04 61.01 61.4 41.4 <t< td=""><td>82.1</td></t<>	82.1
62.25 61.53 57.18 59.60 49.75 46.65 43.28 MIN GATE C. GATE G.BAG.G R.H.STORAGE COLONY E. GATE CHLDREN PARK MAIN GATE E. GATE G.BAG.G R.H.STORAGE COLONY M.GATE COLONY E. GATE CHLDREN PARK MAIN GATE E. GATE G.BAG.G R.H.STORAGE COLONY M.GATE COLONY E. GATE CHLDREN PARK MAIN GATE E. GAT BE(A) dB(A) dB(A) dB(A) dB(A) 60.3 55.3 54.1 47.8 45.1 42.7 61.33 60.60 55.95 58.03 43.23 42.3 61.33 60.60 55.95 58.03 43.23 42.1 61.33 60.60 55.95 58.03 43.23 42.3 61.33 60.60 55.95 58.03 43.4 41.2 61.33 60.60 55.95 58.03 42.3 42.1 61.33 60.60 55.95 58.03 43.4	62.25 61.53 57.18 39.60 49.75 46.65 43.28 43.23 MIN GATE E. GATE G.MG, G.M, G.MC CUONY M.GATE COUNY K. GATE CUINY R. GATE CUINY R. GATE CUINY R. GATE CUINY A. MIN GATE E. GATE G.MG, G.M, G.MC, B. G.AG B(A) G(A)	82.3
Image: Figure Section Sectin Section Section Section Section Section Section Se	Night time limit = 70dB(A) KHJSTORAGE KI-JSTORAGE COLONY M.GATE COLONY E.GATE CHILDREN PARK MAIN GATE E.GATE G.BAG.G R.H.STORAGE COLONY M.GATE COLONY E.GATE CHILDREN PARK 60.0 55.5 56.1 dB(A) dB(A) dB(A) dB(A) dB(A) 61.3 61.3 54.7 52.1 47.8 48.9 43.1 42.7 61.3 61.3 54.7 52.1 47.8 43.1 42.7 61.3 61.3 61.3 54.7 52.1 47.8 43.1 42.7 61.3 61.3 61.3 54.7 52.1 47.3 43.1 42.7 61.3 61.4 61.4 61.4 61.4 61.4 61.4 61.4 61.3 61.2 55.5 58.03 43.13 43.2 43.1 61.3 61.3 61.3 53.1 43.5 43.1 61.3 6	81.70
ENT AIR NOISE Colony Biology Extension Colony Exten	ENT AIR NOISE	READING TAKEN IN NIGHT TIME (10:00PM TO 06:00AM)
MAIN GATE E. GATE G.BAG.G R.H.STORAGE COLONY M.GATE COLONY E. GATE CHILDREN PARK dB(A) dB(A) dB(A) dB(A) dB(A) dB(A) dB(A) dB(A) 60.7 595 56.9 62.3 54.1 47.8 46.5 42.1 42.7 43.3 61.33 60.60 55.95 58.03 48.13 48.13 44.8 45.1 42.7 43.3 61.33 60.60 55.95 58.03 48.13 48.13 44.8 45.1 42.7 44.8 45.1 42.7 44.8 45.1 42.7 44.8 45.1 42.7 44.8 45.1 42.7 44.8 45.1 42.7 44.8 45.1 42.7 44.8 45.1 42.7 44.8 45.1 42.7 44.8 45.1 42.7 44.8 45.1 42.7 44.8 45.1 42.7 44.8 45.1 42.7 44.8 45.1 42.7 44.8 45.1 42.7 44.8 45.1 42.7 44.8 45.1 42.7 44.8 45.1 42.7 44.8 45.1 42.7 44.8 44.8 45.1 42.7 44.1 45.1 42.1 42.1 44.1 44.1 44.1 64.5 61.1 53.1 55.9 51.4 43.5 51.4 43.2 44.1 44.1 44.1 64.5 61.1 53.1 55.9 51.4 43.5 51.4 43.2 44.1 44.1 44.1 44.1 64.5 61.1 53.1 55.9 51.1 44.1 44.1 44.1 44.1 44.1 44.1 44.1	MAIN GATE E. GATE GB(A)	
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NOISE MONITORING REPORT FROM D1/02/2023 TO 8/02/2023 TO 8/02/2023 TO 8/02/2023 0. BOLLER AREA Fly Ash Driver MAIN GATE E. GATE B. AG.G R. H.STORAGE COLONY K. GATE CHILDREN PARK 0. BOLLER AREA Fly Ash Driver MAIN GATE E. GATE B. AG.G R. H.STORAGE COLONY K. GATE CHILDREN PARK 08(A) 08(A) 08(A) 08(A) 08(A) 08(A) 048(A) 041(A) 52.1 61.4 62.5 61.8 55.7 60.3 52.6 52.1 44.1 52.1 61.4 62.5 61.8 56.4 60.1 51.9 48.5 42.1 63.5 61.6 61.6 51.3 53.6 51.2 42.1 62.10 61.3 64.5 59.5 63.6 61.7 51.2 42.1 63.5 61.6 61.7 51.9 51.4 51.2 42.1 61.3 62.1 64.5 57.9 51.4 51.2 42.1	HOM DJ/02/2023 TO Z8/02/2023 Day time limit = 75d8(A) IENT AIR NOISE SATE E. GATE E. BAG.G R.H.STORAGE COLONY K. GATE CHLDREN PARK MAIN GATE E. GATE B.B(A) d8(A) d8(A) d8(A) d8(A) 61 81.5 60.3 52.6 52.1 44.1 44.1 63.2 62.9 55.7 60.3 52.6 52.1 44.1 64.5 59.5 63.1 53.4 51.2 43.5 42.1 61.8 64.5 59.5 61.78 53.4 51.2 40.9 63.00 62.70 57.93 61.78 53.4 50.80 42.1 61.8 64.5 51.7 53.4 50.80 42.9 63.00 62.70 57.93 53.4 50.80 42.9 63.01 62.12 55.1 50.1 42.9 60.9 61.1 59.1 50.3 50.1 42.9 60.3 42.9	
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3. BOLLER AREA Fly Ash Driver Malin GATE E. GATE C. BAG.G R. H. STORAGE COLONY M. GATE CHLIDREN PARK dB(A) dB(A) dB(A) dB(A) dB(A) dB(A) dB(A) dB(A) 60.9 60.2 63.2 62.9 55.7 60.3 52.6 52.1 44.1 71.9 61.4 62.5 61.6 63.1 53.5 51.9 43.5 42.1 63.5 61.6 61.8 56.4 60.1 51.9 43.5 42.1 62.10 61.3 64.5 51.6 60.3 51.9 43.5 42.1 61.5 61.6 61.8 56.4 50.1 63.6 63.6 51.4 43.5 62.10 61.3 64.5 59.5 59.5 53.4 50.80 42.1 63.5 61.6 61.8 56.4 57.9 50.80 42.1 61.10 61.3 61.3 63.6 51.7 53.45	MAIN GATE E. GATE G. B.G.G. G R.H.STORAGE COLONY K. GATE CHLDREN PARK dB(A) dB(A) dB(A) dB(A) dB(A) dB(A) dB(A) 61.2 55.7 60.3 52.6 52.1 44.1 43.2 61.2 61.8 56.4 60.1 53.4 52.6 43.5 43.1 61.8 56.4 60.1 53.4 51.2 43.5 42.1 61.8 56.3 63.0 57.93 61.78 53.45 50.80 42.58 63.00 62.70 57.93 61.78 53.45 50.80 42.58 63.00 62.70 57.93 61.78 53.45 50.80 42.58 63.00 62.70 63.45 53.45 50.80 42.9 50.8 60.9 61.2 55.1 59.1 50.8 42.9 50.9 60.4 60.2 53.3 50.3 50.3 41.3 60.3 60.4 60.3<	
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62.10 61.33 63.00 62.70 57.93 61.78 53.45 50.80 42.58 AmbleNT alr NoISE AmbleNT alr	63.00 62.70 57.93 61.78 53.45 50.80 42.58 ENT AIR NOISE Night time limit = 70d8(A) Night time limit = 70d8(A) 42.58 53.45 53.45 53.45 50.80 42.58 MAIN GATE E. GATE G.BAG.G R.H.STORAGE COLONY M.GATE COLONY E. GATE CHILDREN PARK dB(A) dB(A) dB(A) dB(A) dB(A) dB(A) 42.9 60.9 61.2 55.1 59.1 50.8 51.1 42.1 61.1 59.9 56.1 59.1 50.8 51.1 41.3 61.1 59.9 56.1 59.5 50.4 47.9 41.3 61.1 59.9 56.1 59.5 50.4 43.3 61.20 60.88 57.33 60.43 51.3 41.60	+
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BOLLER AREA Fly ash Driver MAIN GATE E. GATE G. BAG.G R.H.STORAGE COLONY M.GATE CHILDREN PARK dB(A) dB(A) dB(A) dB(A) dB(A) dB(A) dB(A) dB(A) 59.8 59.9 60.9 61.2 55.1 59.1 50.8 50.9 42.9 51.5 61.2 65.4 65.3 59.4 60.2 51.1 42.9 70.7 60.6 61.1 59.9 59.4 60.2 51.3 41.3 62.6 59.4 62.5 58.7 52.9 50.4 41.3 61.15 60.4 62.5 58.7 50.5 50.4 41.3 61.15 60.25 61.20 60.88 57.33 60.43 51.35 50.13 41.60	MAIN GATE E. GATE G.BAG.G R.H.STORAGE COLONY M.GATE CHILDREN PARK dB(A) dB(A) dB(A) dB(A) dB(A) dB(A) dB(A) 60.9 61.2 55.1 59.1 50.8 50.9 42.9 60.9 61.2 55.1 59.1 50.8 50.9 42.9 62.4 59.9 55.1 59.1 50.3 47.9 42.1 61.1 59.9 56.1 59.5 50.4 47.9 41.3 61.1 59.9 56.1 59.5 50.4 47.9 41.3 61.1 59.5 58.7 52.3 50.4 47.9 40.1 61.2 53.3 60.43 51.35 50.6 40.1 60.1	^
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61.15 60.25 61.20 60.88 57.33 60.43 51.35 50.13 41.60	61.20 60.88 57.33 60.43 51.35 50.13 41.60	77.9
	ing day time & night time respectvely.	79.93



							AMBUJA CEN NOISE MON	AWIBUJA LEMILANT LIMITED UNIT ROPAR NOISE MONITORING REPORT FROM	NIT ROPAR (T FROM		01/03/2023	PCOC/E0/18 DI 2002/2010	1	Doc. No F-E-060-06	36	
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	READIN	READING TAKEN IN DAY TIME (6:00 AM TO 10:00 PM	DAY TIME (6:	D0 AM TO	10:00 PM)							3	Day time limit =75d8(A)	B(A)	
		S				~		AIN	AIMBIENT AIR NOISE	SE	^					
DATE	FLYASH SYSTEM	C.H.II	C.M.G.BOX C.M.AREA	C.M.AREA	C.H.I	TURB.BLD.	<b>BOLLER AREA</b>	Fly Ash Driyer	MAIN GATE	E. GATE	G.BAG.G	R.H.STORAGE	COLONY M.GATE	COLONY F. GATE	CHILDREN: DADK	COLONY M CHO
	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)		dara'		CULONT W.SILE
08.03.2023	73.9	82.3	97.1	86.9	82.1	63.4	55.8	59.2	62.3	62.4	56.3	63.8	50.6	10/20	/w)an	(A)au
15.03.2023	74.1	83.8	93.1	81.3	80.4	68.1	61.3	58.9	50.5	59.6	579	56.3	2000	1.04	1.94	43.8
23.03.2023	76.6	81.4	93.2	89.9	83.4	62.5	65.6	60.1	62.6	54 1	60 F	1 1 1	1.02	4.70	7'95	39.5
30,03,2023	71.6	80.7	97.4	84.8	81.7	59.9	52.6	619	65.5	EO 1	25.2	100	1.42	T-0+	42.5	5.55
										1.00	2.22	5'70	20.00	5.05	42.6	43.6
AVG.	74.05	82.05	95.20	85.73	81.90	63,48	58.83	60.03	62.73	61.55	57.50	61.00	52.45	49.38	43.95	41.70
	R	EADING TA	READING TAKEN IN NIGHT TIME (10:00PM TO 06:00AM)	HT TIME (1.0:	OT MIGO	06:00AM)								Nieht time limit = 70dB(A)	OdB(A)	
	Comparison of the second se	PLAN	IT MACHINEF	TV NOISE	and the second	<	<>	AM	AMBIENT AIR NOISE-	SE	<					
DATE	FLYASH SYSTEM	C.H.II	C.M.G.BOX C.M.AREA	C.M.AREA	C.H.I	TURB.BLD.	BOLLER AREA	Fiy Ash Driyer	MAIN GATE E. GATE	E. GATE	G.BAG.G	R.H.STORAGE	R.H.STORAGE COLONY M GATE	COLONY E GATE	CHILDREN DADY	COLONY M VIOLE
	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	d8(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dR(A)	
08.03.2023	72.8	81.5	96.1	85.7	81.5	61.9	52.7	56.4	61.3	61.8	54.7	62.1	47.8	45.1	42.7	42.5
15.03.2023	73.5	79.2	91.6	80.2	78.9	64.5	59.8	58.2	57.9	56.1	54.6	54.2	51.9	51.6	44 B	C /2
23.03.2023	75.8	80.5	92.7	86.3	81.5	61.7	64.8	57.1	61.8	61.5	58.4	60.3	50.3	47.7	40.9	38.8
30.03.2023	70.5	79.7	95.9	82.4	81.1	57.1	51.2	59.7	63.2	59.2	54.7	59.3	49.9	49.7	40.1	42.5
Avg.	73.15	80.23	94.08	83,65	80.75	61.30	57.13	57,85	61.05	59.65	55.60	58.98	49.98	49.53	42.13	AU 75

Prepared By



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ਪੰਜਾਬ ਸਰਕਾਰ ਵਣ ਅਤੇ ਜੰਗਲੀ ਜੀਵ ਸੁਰੱਖਿਆ ਵਿਭਾਗ, ਪੰਜਾਬ ਦਫ: ਵਣ ਮੈਡਲ ਅਫਸਰ, ਰੂਪਨਗਰ। Email <u>ID-dforupar@gmail.com</u> Phone No. 01881-222231

ਸੇਵਾ ਵਿਖੇ,

ਸ੍ਰੀ ਰਾਜੀਵ ਜੈਨ ਸੀਨੀਅਰ ਵਾਈਸ ਪ੍ਰੈਜੀਡੈਂਟ, ਅੰਬੂਜਾ ਸੀਮੈਂਟ ਲਿਮ:,

ਨੰਬਰ: /0.295

fust: 10-1-19

Anne rever - II

हिम्:- Request for Vetting of Green Cover

ਹਵਾਲਾ:- ਆਪ ਦਾ ਪੱਤਰ ਨੰਬਰ 722 ਮਿਤੀ 19.11.18

ਉਪਰੋਕਤ ਵਿਸੇ ਤੋਂ ਹਵਾਲੇ ਅਧੀਨ ਪੱਤਰ ਦੇ ਸਬੈਂਧ ਵਿੱਚ ਵਣ ਰੇਂਜ ਅਫਸਰ , ਰੂਪਨਗਰ ਨੇ ਆਪਣੇ ਪੱਤਰ ਨੈਂਬਰ 803 ਮਿਤੀ 31.12.18 ਰਾਹੀਂ ਇਸ ਦਫਤਰ ਨੂੰ ਰਿਪੋਰਟ ਕੀਤੀ ਹੈ ਕਿ ਅੰਬੂਜਾ ਸੀਮਿੰਟ ਫੈਕਟਰੀ ਦੇ ਕੰਪਲੈਕਸ, ਰਿਹਾਇਸੀ ਕਲੌਨੀ, ਟਰੈਕ ਯਾਰਡ ਦਾ ਏਰੀਆ ਚੈੱਕ ਕੀਤਾ ਗਿਆ। ਸਾਰੇ ਏਰੀਏ ਨੂੰ ਚੈੱਕ ਕਰਨ ਤੇ ਪਾਇਆ ਗਿਆ ਕਿ ਨਕਸੇ ਮੁਤਾਬਿਕ 33% ਏਰੀਏ ਵਿੱਚ ਗਰੀਨ ਕਵਰ ਰੁੱਖਾਂ ਦੇ ਰੂਪ ਵਿੱਚ ਖੜ੍ਹਾ ਹੈ। ਜਿਸ ਵਿੱਚ ਪੁਰਾਣੇ ਰੁੱਖ ਅਤੇ ਨਵੇਂ ਰੁੱਖ ਲਗਾਏ ਗਏ ਰੁੱਖ ਸਾਮਿਲ ਹਨ।

ਇਹ ਆਪ ਦੀ ਸੂਚਨਾਂ ਲਈ ਹੈ।

ਵਣ ਮੰਡਲ ਅਫਸਰ ਰੁਪਨਗਰ। rein

#### **Annexure-III**

## AMBUJA CEMENTS LIMITED (UNIT - ROPAR) PLANTATION DATA UPTO March 2023

Month	Trees planted	Shrubs planted
Upto December 2000	1125	2340
January to December 2001	650	570
January to December 2002	460	280
January to December 2003	505	350
January to December 2004	395	280
January to December 2005	450	450
January to December 2006	580	615
January to December 2007	640	380
January to December 2008	476	419
January to December 2009	510	425
January to December 2010	360	305
January to December 2011	605	660
January to December 2012	525	780
January to December 2013	430	423
January to December 2014	346	550
January to December 2015	515	780
January to December 2016	1650	880
January to December 2017	1200	770
January to December 2018	2500	1500
January to December 2019	400	600
January to December 2020	450	380
January to December 2021	700	50
January to December 2022	1940	0
January to March 2023	0	0
TOTAL	17412	13787
		10.07

Note: We are in process of planting 1000 trees in this monsoon season.



# **Compliance of Conditions of CREP recommendations** Ambuja Cements Limited Village Daburji, P.O. Lodhimajra,Tehsil & Distt. Ropar, Punjab - 140113

SI. No.	Recommendation	Compliance Status
1	Cement Plants, which are not complying with notified standards, shall do the following to meet the standards;	Unit is already meeting the notified emission standards.
	Augmentation of existing Air Pollution Control Devices - by July 2003. Replacement of existing Air Pollution Control Devices - by July 2004	
2	Cement Plants located in critically polluted or urban areas (including 5 km distance outside urban boundary) will meet 100mg/ Nm3 limit or particulate matter by December 2004 and continue working to reduce the emission of particulate matter to 50 mg/Nm ³ .	the prescribed norms.
3	The new cement kilns to be accorded NOC/Environmental Clearance w.e.f 1.04.2003 will meet the limit of 50 mg/Nm3 for particulate matter emissions.	
4	CPCB will evolve load based standards by December 2003.	No load based standard for cement industry particularly applicable to grinding unit has been evolved
5	CPCB and NCBM will evolve SO2 and NOx emission standards by June 2004.	Not Applicable as this is a standalone Grinding Unit.
6	The Cement industries will control fugitive emissions from all the raw material and products storage and transfer points by December 2003. However, the feasibility for the control of fugitive emissions form limestone and coal storage areas will be decided by the National Task Force (NTF). The NTF shall submit its recommendations within three months.	All the material transfer points are equipped with Bag Filters. Ray materials are stored in covered areas. Maximum area inside plant is either covered with Greenery or i has been concreted to preven fugitive emission.
7	CPCB, NCBM, BIS and Oil refineries will jointly prepare the policy on use of petroleum cokes as fuel in cement kiln	
		Page 1 of 2 Vill Daburji P.O Lodhimajra Dist Ropar (Pb.). PIN - 140 113

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*

	by July 2003.	
8	After performance evaluation of various types of continuous monitoring equipment and feedback form the industries and equipment manufactures, NTF will decide feasible unit operations/sections for installation of continuous monitoring equipment. The industry will install the continuous monitoring systems (CMS) by December 2003	Continuous emission monitoring system has been installed at all four Cement Mill Stacks and Boiler stacks. Also a Continuous Ambient Air Quality Monitoring Station (CAAQMS) has been installed. All the stack emission monitors and CAAQMS have been connected with CPCB and State Pollution Control Board for online data transmission.
9	Tripping in kiln ESP to be minimized by July 2003 as per the recommendations of NTF.	Not Applicable as this is a standalone Grinding Unit.
10	Industries will submit the target date to enhance the utilization of waste material by April, 2003.	All the particulate matter collected through APCEs is automatically recycled in the respected processes. More over we are using fly ash for making Pozolona Portland Cement (PPC) which is waste of Thermal Plants.
11	NCBM will carry out a study on hazardous waste utilization in cement kiln by December 2003.	
12	Cement industries will carry out feasibility study and submit target dates to CPCB for co-generation of power by July 2003. * Non complying units shall given bank guarantee to respective SPCBs.	Not Applicable.

1



Page 2 of 2

## Annexure-Va

		Expenditure Detail
S.No.	Items	Recurring (Rs.) (01.10.2022 to 31.03.2023)
1	Air Pollution Control/Measures	892526
2	Water Pollution Control Measures	161662
3	Road Sweeping Machines	2164521
4	Housekeeping	5906696
5	Occupational Health & safety	1110820
6	Green Belt	1948686
7	Other Misc ( Regulatory fee etc)	656890
	Total	12841801

# Expenses towards Environment protection



# Annexure-Vb/c

Sl.	Activities	2022-23	2023-24	2024-25	2025-26	2026-27
No.		(Actual)				mono hi
01	Agro Based Livelihood	5936511	1989000	2008890	2028979	2049269
02	Education – Ambuja	9512579	10351000			4017607
	Manovikas Kendra			10454510	10559055	10664646
03	Health & Sanitation	7373459	3370000	3403700	3437737	3472114
04	Women Empowerment	1669413	1430000	1444300	1458743	1473330
05	Integrated Community	9058874	10800000			1,0000
	Development Programme			10908000	11017080	11127251
06	Water Resource	142187	2500000			1110/401
	Management			2525000	2550250	2575753
07	Establishment	1191077	1250000	1262500	1275125	1287876
	Total	34884100	31690000	32006900	32326969	32650239

# Expenses towards CSR activities (Actual and Planned)

