

Ambuja Cement

Ref: ACL/MM/ENV/EC-CP/F-5

Date: 28th May 2022

To,

The Additional Director(S),
Ministry of Environment, Forest & Climate Change,
Indira Paryavaran Bhavan, Jor Bagh Road, New Delhi, Pin. 110003(India).

Subject: Six monthly compliance report of Environmental Clearance for Cement Plant (Clinker 3.0 MTPA, Cement 4.5 MTPA) along with Captive Power Plant (50 MW) and WHRB (9MW) located at near Marwar Mundwa Tehsil & Dist. Nagaur M/s Ambuja Cement Ltd. Unit: Marwar Mundwa, Nagaur (RAJ) for the period of **Oct-21 to Mar-22**.

Ref.: MOEF & CC, New Delhi letter No.: - J-11011/394/2010-IA-II (I) Dated 05/05/2011 & Extension / amendment letter no. : Z-11011/6/2013-IA-II (I)pt Dated 31.08.2018.

Dear Sir,

This has reference to above subject matter & environmental Clearance Letter. We are herewith submitting the point wise six monthly compliance report along with monitoring data for the period from Oct-2021 to Mar-2022. As per MoEF & CC notification no. S.O. 5845(E) dated 26.11.2018 the soft copy has been send to e-mail id roc_zlko-mef@nic.in, lro.jaipur-mefcc@gov.in, membersecretary@rpcb.nic.in, cpcb.bhopal@gmail.com, ccb.cpcb@nic.in, for kind reference and record please.

We hope that your good self will find the above in order.

Thanking You,
Yours faithfully,

For Ambuja Cement Ltd.(Unit: Marwar)


Hamendra Singh Rathore
(Unit Head)

Handwritten: A/Asy, A/Asy
Encl.: A/A & Soft copy

Copy to:

1. Deputy Director(S) /Scientist –C, Ministry of Environment, Forest & Climate Change, Integrated Regional Office, Aranya Bhawan, Room No. A-209&218, Institutional Area, Jhalana Doogari, Jaipur (Rajasthan)-302004.
2. Member Secretary, Rajasthan State Pollution Control Board'4th, Institutional Area, Jhalana Doogari, Jaipur (Raj) - 302004.
3. Regional Director (Central Zone) Central Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony, Bhopal, Madhya Pradesh 462016
4. Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-CUM office complex, East Arjun Nagar, Near Dr. Hedgewar Hospital, Shahdara- Behind Karkarduma high court, New Delhi 110032.

AMBUJA CEMENTS LIMITED
UNIT-MARWAR MUNDWA

Post & Tehsil : Marwar Mundwa, District : Nagaur (Rajasthan) 341 026

Phone : 01584-284000, Website : www.ambujacement.com

Registered off. : P. O. Ambujanagar-362715, Taluka-Kodinar, Dist. Gir Somnath (Gujarat)

CIN : L26942GJ1981PLC004717



Ambuja Cement

HALF YEARLY COMPLIANCE REPORT OF ENVIRONMENTAL CLEARANCE LETTER NO.

J-11011/394/2010-IA-II (I) Dated 05/05/2011 & Extension / amendment letter no. :

Z-11011/6/2013-IA-II (I)pt Dated 31.08.2018.

Period: Oct-2021 to March-2022

For

Cement Plant (Clinker 3.0 MTPA, Cement 4.5 MTPA) along with Captive Power Plant (50 MW) and
WHRB (9MW)

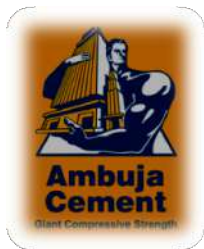
Submitted to:

MoEF&CC, New Delhi & Integrated Regional Office, Jaipur,
Central Pollution Control Board, New Delhi & Bhopal
Rajasthan State Pollution Control Board, Jaipur

Ambuja Cement

Submitted by:

M/s Ambuja Cement Ltd., Unit : Marwar-Mundwa,
Post & Tehsil: Mundwa, District: Rajasthan (Raj)



Ambuja Cement

Validity of the statutory approvals obtained in compliance of EC:

- Environmental Clearance issued by Ministry of Environment, Forest and Climate Change for Integrated Cement Plant vide letter No.: - J-11011/394/2010-IA-II (I) Dated 05/05/2011 & Extension / amendment letter no. : - Z-11011/6/2013-IA-II (I)pt Dated 31.08.2018.
- Consent to Establish has been obtained under Air and Water Act for Integrated Cement Plant, WHRS & CPP vide letter no. F(Tech)/Nagaur(Nagaur)/8(1)/2009-2010/4418-4420 ,order no. 2017-2018/CPM/4937, dated 11/08/2017.
- Consent to Operate has been obtained under Air and Water act for Production capacity Clinker 3.0MTPA, Cement 4.5 MTPA & WHRS 9.0 MW vide letter no. F (CPM)/Nagaur (Nagaur)/2(1)/2018-2019/5821-5823, Order No: 2020-2021/CPM/5685, Dated 10/03/2021 valid till 31/12/2025.





Ambuja Cement

Ambuja Cement Ltd. Unit : Marwar-Mundwa,Nagaur (Raj)

Six monthly Compliance report of Environment Clearance for Cement Plant & WHRS for the period

From **October-2021 to March-2022**

Reference Letter from MOEF, New Delhi No.: - J-11011/394/2010-IA-II (I) Dated 05/05/2011 & Extension / amendment letter no. : - Z-11011/6/2013-IA-II (I) pt, Dated 31.08.2018.

S.No.	Condition	Status
(A) Specific Conditions		
(i)	Continuous monitoring system to monitor gaseous emissions shall be provided and limit of SPM should be controlled within 50 mg/Nm ³ by installing adequate air pollution control system and energy efficient technology. Continuous monitoring of stack emission as well as ambient air quality (as per notified standards) shall be carried out and continuous record maintained. Based on the monitored data, necessary corrective measures as may be required from time to time shall be taken to ensure that the levels are within permissible limits. The results of monitoring shall also be submitted to the respective Regional Office of MoEF regularly. Besides, the results of monitoring will also be put on the website of the company in public domain.	<p>We have installed the continuous emission monitoring system (CEMS) at all main stack (Kiln & raw mill , Coal mill, Cooler & Cement Mill).</p> <p>CEMS :</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>Kiln & Raw mill bag house</p> </div> <div style="text-align: center;">  <p>Coal Mill Bag House</p> </div> </div> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>Cooler ESP</p> </div> <div style="text-align: center;">  <p>Cement Mill Bag House</p> </div> </div> <p>We carried out the isokinetic in-house monitoring as per norms.</p>

monitoring values of period **Oct-21 to Dec-22** are mention below table:

Isokinetic monitoring data:

Location	Type of APCD	Monitoring PM Average Values (in mg/Nm3)					
		Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22
Kiln & Raw Mill	Bag House	18.2	16.5	15.8	19.4	15.9	18.2
Coal Mill	Bag House	9.8	13.2	10.6	14.9	13.5	17.4
Clinker Cooler	ESP	10.3	12.8	11.5	16.2	14.8	18.6
Cement Mill	Bag House	14.2	11.9	12.8	15.5	17.3	18.1
Packer-1	Bag Filter	12.4	10.1	13.2	12.1	13.8	14.2
Packer-2	Bag Filter	15.9	11.3	12.9	13.6	12.9	13.2

Third party monitoring carried out on quarterly basis by NABL accredited laboratory, Report enclosed as **Annexure-1**.

03 nos. continuous ambient air monitoring system (CAAQMS) in cement plant and for data connectivity with RSPCB /CPCB portal fees & request letter submitted at board.

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CAAQMS :





We are carried out ambient air quality monitoring as per guideline. In-house monitoring average values of period Oct-21 to Mar-22 are mention below table:

Month: Oct-2021

Parameters	PCB Norms (in $\mu\text{g}/\text{M}^3$)	Observed Average Value (in $\mu\text{g}/\text{M}^3$)			
		NEAR TIME OFFICE	NEAR PACKING PLANT	NEAR COAL YARD	NEAR COLONY
PM-10	100	52.3	59.7	60.6	51.7
PM-2.5	60	35.8	40.4	40.7	36.9
SO ₂	80	16.5	16.6	15.2	16.7
NO _x	80	25.7	23.5	20.4	23.8
CO	2000	707.0	772.9	745.7	795.8

Month: Nov-2021

Parameters	PCB Norms (in $\mu\text{g}/\text{M}^3$)	Observed Average Value (in $\mu\text{g}/\text{M}^3$)			
		NEAR TIME OFFICE	NEAR PACKING PLANT	NEAR COAL YARD	NEAR COLONY
PM-10	100	53.9	58.6	61.2	51.2
PM-2.5	60	36.4	40.1	41.8	37.8
SO ₂	80	17.8	17.6	19.6	15.3
NO _x	80	22.9	22.8	21.4	19.5
CO	2000	695.0	780.0	760.0	695.0

Month: Dec-2021


Parameters	PCB Norms (in µg/M³)	Observed Average Value (in µg/M³)			
		NEAR TIME OFFICE	NEAR PACKING PLANT	NEAR COAL YARD	NEAR COLONY
PM-10	100	41.1	44.6	48.7	41.6
PM-2.5	60	28.2	35.9	39.2	33.7
SO2	80	18.7	19.1	18.4	16.4
NOx	80	15.8	20.0	19.8	19.9
CO	2000	605.0	785.0	795.0	680.0

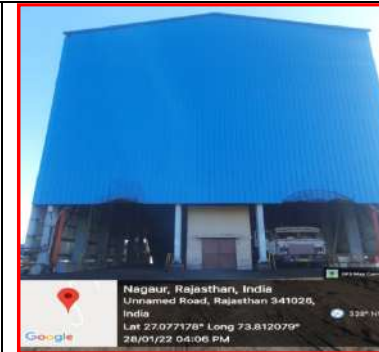
Month: Jan-2022

Parameters	PCB Norms (in µg/M³)	Observed Average Value (in µg/M³)			
		NEAR TIME OFFICE	NEAR PACKING PLANT	NEAR COAL YARD	NEAR COLONY
PM-10	100	55.6	60.5	61.9	52.4
PM-2.5	60	34.8	36.2	41.1	32.2
SO2	80	12.4	15.8	16.4	15.6
NOx	80	22.4	21.0	22.7	20.5
CO	2000	725	785	742	760

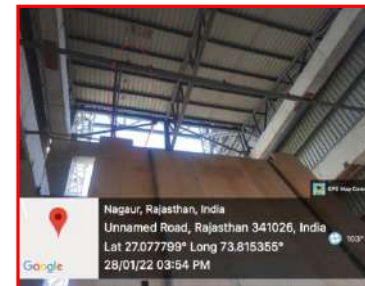
Month: Feb-2022

		<table><tr><th rowspan="2">Parameters</th><th rowspan="2">PCB Norms (in $\mu\text{g}/\text{M}^3$)</th><th colspan="4">Observed Average Value (in $\mu\text{g}/\text{M}^3$)</th></tr><tr><th>NEAR TIME OFFICE</th><th>NEAR PACKING PLANT</th><th>NEAR COAL YARD</th><th>NEAR COLONY</th></tr><tr><td>PM-10</td><td>100</td><td>54.6</td><td>59.2</td><td>60.4</td><td>50.8</td></tr><tr><td>PM-2.5</td><td>60</td><td>35.1</td><td>38.4</td><td>39.6</td><td>30.8</td></tr><tr><td>SO2</td><td>80</td><td>12.7</td><td>13.6</td><td>12.4</td><td>14.3</td></tr><tr><td>NOx</td><td>80</td><td>20.4</td><td>19.8</td><td>22.2</td><td>18.9</td></tr><tr><td>CO</td><td>2000</td><td>679</td><td>760</td><td>725</td><td>810</td></tr></table> <p><u>Month: Mar-2022</u></p> <table><tr><th rowspan="2">Parameters</th><th rowspan="2">PCB Norms (in $\mu\text{g}/\text{M}^3$)</th><th colspan="4">Observed Average Value (in $\mu\text{g}/\text{M}^3$)</th></tr><tr><th>NEAR TIME OFFICE</th><th>NEAR PACKING PLANT</th><th>NEAR COAL YARD</th><th>NEAR COLONY</th></tr><tr><td>PM-10</td><td>100</td><td>58.5</td><td>64.5</td><td>72.5</td><td>41.6</td></tr><tr><td>PM-2.5</td><td>60</td><td>34.8</td><td>39.8</td><td>42.9</td><td>33.7</td></tr><tr><td>SO2</td><td>80</td><td>20.4</td><td>18.6</td><td>16.5</td><td>19.2</td></tr><tr><td>NOx</td><td>80</td><td>23.5</td><td>22.2</td><td>20.8</td><td>24.6</td></tr><tr><td>CO</td><td>2000</td><td>750</td><td>815</td><td>690</td><td>845</td></tr></table>	Parameters	PCB Norms (in $\mu\text{g}/\text{M}^3$)	Observed Average Value (in $\mu\text{g}/\text{M}^3$)				NEAR TIME OFFICE	NEAR PACKING PLANT	NEAR COAL YARD	NEAR COLONY	PM-10	100	54.6	59.2	60.4	50.8	PM-2.5	60	35.1	38.4	39.6	30.8	SO2	80	12.7	13.6	12.4	14.3	NOx	80	20.4	19.8	22.2	18.9	CO	2000	679	760	725	810	Parameters	PCB Norms (in $\mu\text{g}/\text{M}^3$)	Observed Average Value (in $\mu\text{g}/\text{M}^3$)				NEAR TIME OFFICE	NEAR PACKING PLANT	NEAR COAL YARD	NEAR COLONY	PM-10	100	58.5	64.5	72.5	41.6	PM-2.5	60	34.8	39.8	42.9	33.7	SO2	80	20.4	18.6	16.5	19.2	NOx	80	23.5	22.2	20.8	24.6	CO	2000	750	815	690	845
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(ii)	The ambient air quality data as well as the stack emission data shall also be displayed in public domain at some prominent place near the main gate of the company and updated in real time.	<p>The continuous emission monitoring system (CEMS) & continuous ambient air monitoring system (CAAQMS) real time data are being displayed through digital display board at plant main gate for the public domain.</p> <p>Photograph of Digital display board at main gate</p>																																																																																

		
(iii)	The six monthly monitoring reports as well as the mentioned data on various parameters as stipulated in environment clearance conditions shall be put on the website of the company and also regularly updated. The monitored data shall also be submitted to respective State Pollution Control Board / UTPCCs and the Regional Office of MoEF & CC.	We are regular uploading the status of compliance of the stipulated environment clearance conditions, including result of monitoring data of the plant on the company website periodically.
(iv)	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be followed.	We are carried out third party monitoring as per national Air Quality Standards issued by the Ministry vide G.S.R. no. 826 (E) dated 16th November, 2009 by MoEF & CC/ NABL accredited lab on quarterly basis. Last monitoring report of period Oct-21 to Mar-22 enclosed as Annexure-2 .
(v)	Secondary fugitive emissions from all the sources shall be controlled within the latest permissible limits issued by the Ministry and regularly monitored. Guidelines / Code of Practice issued by the CPCB shall be followed.	<p>We are carried out following control measures for fugitive emission.</p> <p>Unloading hoppers are covered by metal sheet & high efficient bag filter installed at unloading point.</p> <p>Coal Truck Tripler Additive unloading point</p>



Efficient Water spray system provided to suppress the dust at unloading point like additive, coal etc.



All material discharge chutes are fully covered by metal sheet.





Bag filters are installed on the discharge/transfer points.



Conveyor belts are covered for handling of fine materials.



All raw materials ,intermediate & product are being stored in covered storage yard :

Lime stone storage yard :

Coal storage yard:



Gypsum storage yard:

Additive storage yard :



Clinker storage in Silo:



Fly ash Silo:




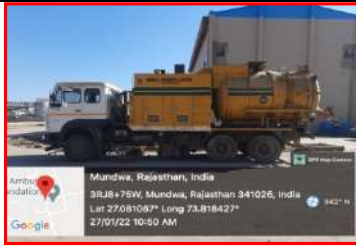

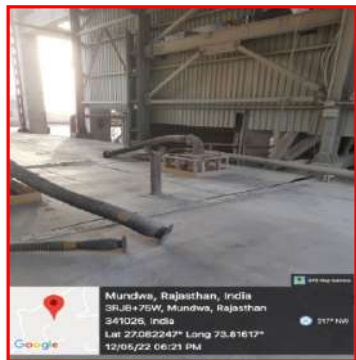
Cement Silo :




CF Silo for raw meal :



- Road cleaning regularly by sweeping machine.

		  <p>Fly ash unloading through pneumatic system</p>   <p>Fugitive emission monitoring carried out by NABL acierated lab. Monitoring report enclosed as Annexure-3.</p>
(vi)	Asphalting/concreting of roads and water spray all around the critical areas prone to air pollution and having high levels of SPM and RPM should be ensured.	01 no. water tanker always engaged in water spraying on haul road, critical areas prone to air pollution.
(vii)	Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land. All the raw materials including fly ash should be transported in the closed containers only and should not be overloaded. Vehicular emissions shall be regularly monitored.	All raw material & products are transported in tarpaulin covered tracks & fly ash transported in bulker.

(viii)	Total water requirement for the proposed expansion shall not exceed 2000m ³ /day. The company shall installed air cooled condenser in the CFBC boiler. Rainwater harvesting measures shall be adopted for the augmentation of ground water at cement plant, colony and mine site. The company must also collect rain water in the mined out pits of captive lime stone mine and use the same water for the various activities of the project to conserve fresh water and reduce the water requirement pressure from the river. An action plan shall be submitted to Ministry Regional Office at Lucknow within 3 months from date of issue of this letter.	Complying with, for process water requirement , we have installed a 3 MLD water treatment plant at Matasukh ,wherein brackish water is treated to meet requirement & action Plan for the same has been submitted on 18th July 2011.
(ix)	All the bag filter dust, raw meal dust, coal dust, clinker dust and cement dust from pollution control devices shall be recycled and reused in the process and used for cement manufacturing.	<p>All the bag filter dust, raw meal dust, coal dust, clinker dust and cement dust from pollution control devices are being totally recycled in the process.</p> 
(x)	An effort shall be made to use high calorific hazardous waste in the cement kiln and necessary provision shall be made accordingly.	Agreed
(xi)	Efforts shall be made to use low grade lime, more fly ash and solid waste in the cement manufacturing.	Agreed
(xii)	All the fly ash shall be utilized as per Fly Ash Notification, 1999 subsequently amended in 2003 and 2009. Efforts shall be made to use fly ash maximum in making Pozolona Portland Cement (PPC).	Agreed
(xiii)	Risk and Disaster Management Plan along with the mitigation measures should be prepared and a copy submitted to the Ministry's Regional Office at Lucknow, SPCB and CPCB within 3 months of issue of environment clearance letter.	Complied, The same has been submitted on 18th July 2011.



(xiv)	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Cement plants should be implemented.	Complied																					
(xv)	The company shall comply with the commitments made during public hearing held on 29.12.2010 and a separate budget for implementing the same should be allocated and information submitted to the Ministry's Regional Office at Lucknow.	The same has been submitted on 18th July 2011. CSR arm is implementing the programs according, we are working in approx 12 nos. near villages.																					
(xvi)	At least 5 % of the total cost of the project should be earmarked towards the corporate social responsibility and item-wise details along with time bound action plan should be prepared and submitted to the Ministry's Regional Office at Lucknow. Implementation of such program should be ensured accordingly in a time bound manner.	<p>The same has been submitted on 18th July 2011. Were committed to implement the same. Implementation is ongoing & it is our regular activities and carried out through well-established Corporate Social Responsibility department known as AMBUJA CEMENT FOUNDATION. The Corporate Social Responsibility activates expenditure amount of FY 2021-22 are 353.76 Lacs. Details are mentioned in below table :</p> <table border="1"> <thead> <tr> <th>Sr.No.</th><th>Particular</th><th>Amount (In lacs.)</th></tr> </thead> <tbody> <tr> <td>1.</td><td>Community infrastructure development</td><td>196.35</td></tr> <tr> <td>2.</td><td>Education promotion & Development Initiatives</td><td>88.97</td></tr> <tr> <td>3.</td><td>Health/Medical check-up & Family welfare programme/Medical camps</td><td>4.21</td></tr> <tr> <td>4.</td><td>Natural resources Management/Environment</td><td>64.23</td></tr> <tr> <td>5.</td><td>Woman empowerment</td><td>6.23</td></tr> <tr> <td colspan="2">Total</td><td>353.76</td></tr> </tbody> </table> <p>Photographs of CSR activities :</p> <p style="text-align: center;">Rain water harvesting</p>	Sr.No.	Particular	Amount (In lacs.)	1.	Community infrastructure development	196.35	2.	Education promotion & Development Initiatives	88.97	3.	Health/Medical check-up & Family welfare programme/Medical camps	4.21	4.	Natural resources Management/Environment	64.23	5.	Woman empowerment	6.23	Total		353.76
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Women empowerment







Covid-19 awareness

		 <p>Water conservation by waste water treatment (STP)</p> 
(xvii)	<p>The company shall provide housing for construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.</p>	<p>Being implemented.</p> <p>Company has provided all basic facilities, including infrastructure, fuel, cooking, mobile toilets, drinking water, medical health care etc.</p>
B. General Conditions :		

i.	The project authority shall must adhere to the stipulations made by RSPCB and State Government.	Complying with
ii.	No further expansion or modification of the plant shall be carried out without prior approval of this Ministry.	Agreed
iii.	The gaseous emissions from various process units shall conform to the load /mass based standards notified by ministry on 19th May 1993 and standards prescribed from time to time. The RSPCB may stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location. At no time, the emission level shall go beyond the prescribed standards. Interlocking facilities shall be provided so that process can be automatically stopped in case emission level exceeds the limit.	Complying with, Our plant to be a modern designed with stare of art technology.
iv.	The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environmental (Protection) Act, 1986 Rules viz. 75 dBA(day time) and 70 dBA (night time).	Complying with, Noise level monitoring report enclosed as Annexure-4 .
v.	Occupational health surveillance of the workers shall be done on regular basis and records maintained as per the factory act.	Being implemented. Well established health care facilities with well experiences & educated doctor's team.
vi.	All the environment management measures given in the EIA/EMP shall implement and complied with.	Being Implemented.
vii.	The company shall develop rain water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.	Ambuja Cement foundation has received 1 st NATIONAL WATER AWARD by Ministry of Jal Shakti for outstanding work done in Over Exploited areas. The company shall make rainwater harvesting structures on all the rooftops and storm water drains to recharge the ground water. Moreover the company with the help of its community development arm "Ambuja Cement Foundation" has already completed 2005 Roof Rain Water harvesting structures, 1063 water storage tanks and deepening of 140 pond in and around the project site.

viii.	Proper housekeeping and adequate occupational health programs must be taken up as per the Factory Act	Complying with														
ix.	The company shall undertake eco-development measures including community welfare measures in the project area.	Complying with														
x.	A separate environmental management cell to carry out various management and monitoring functions shall be set up under the control of Senior Executive.	Complied														
xi.	The requisite funds shall be earmarked towards total capital cost and recurring cost /annum for environmental pollution control measures and used judiciously to implement the conditions stipulated by Ministry of Environment And Forest as well as the state government. The funds so provided shall not be diverted for any other purpose.	<div>Environment protection measures and safeguards recommended in the EIA/EMP report is adopted. Details of expenditure cost for control measures for pollution for plant & mine for period Oct-21 to Mar-22.</div> <table><tr><th>_Head under which Amount spent</th><th>Amount spent in Lakhs</th></tr><tr><td>Pollution Control Devices Maintenance Cost & Power Cost</td><td>985.47</td></tr><tr><td>Pollution Monitoring & Analysis (New Equipment, Calibration, Consumables items & Chemicals)</td><td>228.291</td></tr><tr><td>Green Belt Development</td><td>22.429</td></tr><tr><td>Environment Consultancy</td><td>14.313</td></tr><tr><td>Consent Fee for CTE/CTO /Renewal of CTO & Water charges</td><td>6.587</td></tr><tr><td>Total amount</td><td>1257.09</td></tr></table>	_Head under which Amount spent	Amount spent in Lakhs	Pollution Control Devices Maintenance Cost & Power Cost	985.47	Pollution Monitoring & Analysis (New Equipment, Calibration, Consumables items & Chemicals)	228.291	Green Belt Development	22.429	Environment Consultancy	14.313	Consent Fee for CTE/CTO /Renewal of CTO & Water charges	6.587	Total amount	1257.09
_Head under which Amount spent	Amount spent in Lakhs															
Pollution Control Devices Maintenance Cost & Power Cost	985.47															
Pollution Monitoring & Analysis (New Equipment, Calibration, Consumables items & Chemicals)	228.291															
Green Belt Development	22.429															
Environment Consultancy	14.313															
Consent Fee for CTE/CTO /Renewal of CTO & Water charges	6.587															
Total amount	1257.09															
xii.	The Project Authorities should inform the Regional Office as well as the Ministry, the date if financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.	Agreed														
xiii.	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad / 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 be put on the web site of the company by the proponent.	Complied														

xiv.	The project proponent shall upload the status of compliance of the stipulated environmental clearance conditions, including results of the monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the regional office of the MoEFCC, the respective Zonal office of CPCB and the SPCB. The criteria pollutants levels namely :SOX,NOX (ambient levels as well stack emissions) or critical sartorial 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.	Complying with
xv.	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data(both in hard copy as well as email)to the respective regional office of MoEFCC, the respective zonal office of CPCB and the SPCB. The regional office of this ministry at Lucknow/CPCB/RSPCB shall monitor the stipulated conditions.	Complying with, last half yearly compliance report submitted at your kind office on dated 10/11/2021.
xvi.	<p>The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environmental (Protection) Rules ,1986,as amended subsequently, shall also be put on the website of the company along-with the status of the compliance of environmental</p> <p>Conditions and shall also be sent to the respective regional offices of the MoEFCC by email.</p>	We will comply.
xvii.	The Project Proponent shall inform the public that the project has been accorded environmental clearance by the ministry and copies of the clearance letter are available with the Rajasthan State Pollution Control Board / Committee and may also be seen at website of the Ministry of Environment and Forests at http://envfor.nic.in . This should be advertised within seven days from the date of issue of the clearance letter at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same forwarded to the Regional Office.	The news had been published in Dainik Bashker & Rajasthan Patrika on 11/05/11 and also displayed on our official website.
C. Other Conditions: Extension / amendment letter no. : - Z-11011/6/2013-IA-II (I) pt, Dated 31.08.2018.		

xviii.	All other terms and conditions prescribed in EC Letter no. J-11011/394/2010-IA-II (I) Dated 05/05/2011 shall remain unchanged.	Complying with
xix.	As proposed by project proponent, the green belt shall be developed in an area of 85.1 Ha with native and broad leaved species, as per guidelines of CPCB. The green belt inter alia shall cover plant periphery of the project.	<p>Complying with,</p> <p>Plantation activity has been started from 2018, in this duration; we have total 26,528 nos. trees planted in our plant & colony area.</p> <p>Plantation photographs:</p> <div style="display: flex; flex-wrap: wrap;">     </div>
xx.	The PP shall obtain fresh EC in case of change in scope of the project, if any.	Complying with

Authority Signatory



Hamendra Singh Rathore
(Unit Head)



TEAM TEST HOUSE

ANNEXURE-1

(Unit of Team Institute of Science & Technology Pvt. Ltd.)

Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

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JDA/UDH

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Phone : +91 9460222039, 9460222049,
Email : director@teamtesthouse.com,
Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No.	ACL/12-01	Date :	29-10-2021
Issued To :	M/S Ambuja Cements Ltd. (Unit Marwar Mundwa) P.O. & Tehsil- Marwar Mundwa, District-Nagaur, (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Stack Emission Level	Date of Sample Collection/Monitoring :	18.10.2021 at 9:00 AM
Point of Collection :	Packer-2 Stack	Date of Receipt :	20.10.2021
Date of Test/Analysis :	20.10.2021 to 29.10.2021	Sampling Plan :	IS 11255:2008(Part 3)RA 2018
Unit's representative :	Mr. Anand Singh Chohan	Sample Collected By :	Banwari Lal Kumawat
Height of stack from ground level - 36.0 m		Condition of Sample :	Fit for testing
Diameter of stack at sampling point- 1.012 m		Area of Stack - 0.804 m ²	
Stack Temperature[°C] - 42		Velocity of gas [m/sec] - 7.45	

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Particulate matter [mg/Nm ³]	8.5	IS 11255 (Part 1):1985 Reaffirmed 2014	30

Notes :-

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Puran Mai Yogi
Senior Analyst

Rajesh Maheshwari
Authorized Signatory



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(Unit of Team Institute of Science & Technology Pvt. Ltd.)

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Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No.	ACL/12-05	Date :	29-10-2021
Issued To :	M/S Ambuja Cements Ltd. (Unit Marwar Mundwa) P.O. & Tehsil- Marwar Mundwa, District-Nagaur, (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Stack Emission Level	Date of Sample Collection/Monitoring :	18.10.2021 at 4:30 PM
Point of Collection :	Clinker Cooler Stack	Date of Receipt :	20.10.2021
Date of Test/Analysis :	20.10.2021 to 29.10.2021	Sampling Plan :	IS 11255:2008(Part 3)RA 2018
Unit's representative :	Mr. Anand Singh Chohan	Sample Collected By :	Banwari Lal Kumawat
Height of stack from ground level -	50.0 m	Condition of Sample :	Fit for testing
Diameter of stack at sampling point-	4.80 m	Area of Stack -	18.10 m ²
Stack Temperature [°C] -	232	Velocity of gas [m/sec] -	7.95

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Particulate matter [mg/Nm ³]	10.30	IS 11255 (Part 1):1985 Reaffirmed 2014	30

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Puran Mal Yogi
Senior Analyst

Rakesh Maheshwari
Authorized Signatory



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Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No.	ACL/12-06	Date :	29-10-2021
Issued To :	M/S Ambuja Cements Ltd. (Unit Marwar Mundwa) P.O. & Tehsil- Marwar Mundwa, District-Nagaur, (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Stack Emission Level	Date of Sample Collection/Monitoring :	19.10.2021 at 9:30 AM
Point of Collection :	Kiln & Raw Mill Stack	Date of Receipt :	20.10.2021
Date of Test/Analysis :	20.10.2021 to 29.10.2021	Sampling Plan :	IS 11255:2008(Part 3)RA 2018
Unit's representative :	Mr. Anand Singh Chohan	Sample Collected By :	Banwari Lal Kumawat
Height of stack from ground level -	154.2 m	Condition of Sample :	Fit for testing
Diameter of stack at sampling point-	6.0 m	Area of Stack -	28.28 m ²
Stack Temperature [°C] -	158	Velocity of gas [m/sec] -	13.45

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Particulate matter [mg/Nm ³]	16.6	IS 11255 (Part 1):1985 Reaffirmed 2014	30
2	Sulphur Dioxide [mg/Nm ³]	22.4	IS 11255 (Part 2):1985 Reaffirmed 2014	100
3	Oxide of Nitrogen [mg/Nm ³]	512	IS 11255 (Part 7):1985 Reaffirmed 2012	600

Notes :-

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Puran Mal Yogi
Senior Analyst

Rajesh Maheshwari
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Email : director@teamtesthouse.com,
Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No.	ACL/12-08	Date :	29-10-2021
Issued To :	M/S Ambuja Cements Ltd. (Unit Marwar Mundwa) P.O.& Tehsil- Marwar Mundwa, District-Nagaur,(Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Stack Emission Level	Date of Sample Collection/Monitoring :	18.10.2021 at 10:00 PM
Point of Collection :	Packer-1 Stack	Date of Receipt :	20.10.2021
Date of Test/Analysis :	20.10.2021 to 29.10.2021	Sampling Plan :	IS 11255:2008(Part 3)RA 2018
Unit's representative :	Mr. Anand Singh Chohan	Sample Collected By :	Banwari Lal Kumawat
Height of stack from ground level - 36.0 m		Condition of Sample :	Fit for testing
Diameter of stack at sampling point- 1.012 m		Area of Stack -	0.804 m ²
Stack Temperature [°C] - 48		Velocity of gas [m/sec] -	7.95

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Particulate matter [mg/Nm ³]	11.4	IS 11255 (Part 1):1985 Reaffirmed 2014	30

Notes :-

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Puran Mal Yogi
Senior Analyst

Rajesh Maheshwari
Authorized Signatory



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Email : director@teamtesthouse.com,
Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No.	ACL/12-04	Date :	29-10-2021
Issued To :	M/S Ambuja Cements Ltd. (Unit Marwar Mundwa) P.O.& Tehsil- Marwar Mundwa, District-Nagaur,(Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Stack Emission Level	Date of Sample Collection/Monitoring :	18.10.2021 at 2:00 PM
Point of Collection :	Cement Mill-1 Stack	Date of Receipt :	20.10.2021
Date of Test/Analysis :	20.10.2021 to 29.10.2021	Sampling Plan :	IS 11255:2008(Part 3)RA 2018
Unit's representative :	Mr. Anand Singh Chohan	Sample Collected By :	Banwari Lal Kumawat
Height of stack from ground level -	47.4 m	Condition of Sample :	Fit for testing
Diameter of stack at sampling point-	2.5 m	Area of Stack -	4.91 m ²
Stack Temperature [°C] -	78	Velocity of gas [m/sec] -	14.6

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Particulate matter [mg/Nm ³]	13.2	IS 11255 (Part 1):1985 Reaffirmed 2014	30

Notes :-

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Puran
Puran Mal Yogi
Senior Analyst

Rajesh
Rajesh Maheshwan
Authorized Signatory



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Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No.	ACL/12-03	Date :	29-10-2021
Issued To :	M/S Ambuja Cements Ltd. (Unit Marwar Mundwa) P.O.& Tehsil- Marwar Mundwa, District-Nagaur,(Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Stack Emission Level	Date of Sample Collection/Monitoring :	18.10.2021 at 11:00 AM
Point of Collection :	Coal Mill Stack	Date of Receipt :	20.10.2021
Date of Test/Analysis :	20.10.2021 to 29.10.2021	Sampling Plan :	IS 11255:2008(Part 3)RA 2018
Unit's representative :	Mr. Anand Singh Chohan	Sample Collected By :	Banwari Lal Kumawat
Height of stack from ground level - 69.0 m		Condition of Sample :	Fit for testing
Diameter of stack at sampling point- 2.6 m		Area of Stack -	5.31 m ²
Stack Temperature [°C] - 82		Velocity of gas [m/sec] -	12.45

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Particulate matter [mg/Nm ³]	12.80	IS 11255 (Part 1):1985 Reaffirmed 2014	30

Notes :-

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Puran Mal Yogi
Senior Analyst

Rajesh Maheshwari
Authorized Signatory



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Email : director@teamtesthouse.com,
Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No.	500000394	Date :	09-04-2022
Issued To :	M/S Ambuja Cements Ltd. (Unit Marwar Mundwa) P.O.& Tehsil- Marwar Mundwa, District-Nagaur,(Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Stack Emission Level	Date of Sample Collection/Monitori ng :	14.03.2022
Point of Collection :	Packer-2 Stack	Date of Receipt :	23.03.2022
Date of Test/Analysis :	23.03.2022 to 09.04.2022	Sampling Plan :	IS 11255:2008(Part 3)RA 2018
Quantity of Sample :	-	Sample Collected By :	Sitaram Jangid
Unit's representative :	Mr. Narendra K. Bhatt	Condition of Sample :	Fit for testing
Height of stack from ground level - 36.0 m		Area of Stack - 0.804 m ²	
Diameter of stack at sampling point- 1.012 m			
Stack Temperature [°C] - 44		Velocity of gas [m/sec] - 7.80	

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Particulate matter [mg/Nm ³]	17.5	IS 11255 (Part 1):1985 Reaffirmed 2014	30

Notes :-

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Senior Analyst

Puran Mal Yogi

Authorized Signatory
(Report No: 500000394)



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Email : director@teamtesthouse.com,
Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No.	500000395	Date :	09-04-2022
Issued To :	M/S Ambuja Cements Ltd. (Unit Marwar Mundwa) P.O.& Tehsil- Marwar Mundwa, District-Nagaur,(Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Stack Emission Level	Date of Sample Collection/Monitori ng :	15.03.2022
Point of Collection :	Kiln & Raw Mill Stack [S-1]	Date of Receipt :	16.03.2022
Date of Test/Analysis :	16.03.2022 to 09.04.2022	Sampling Plan :	IS 11255:2008(Part 3)RA 2018
Quantity of Sample :	-	Sample Collected By :	Sitaram Jangid
Unit's representative :	Mr. Narendra K. Bhatt	Condition of Sample :	Fit for testing
Height of stack from ground level - 154.2 m		Area of Stack - 28.28 m ²	
Diameter of stack at sampling point- 6.0 m			
Stack Temperature [°C] - 135		Velocity of gas [m/sec] -10.5	

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Particulate matter [mg/Nm ³]	20.04	IS 11255 (Part 1):1985 Reaffirmed 2014	30
2	Sulphur Dioxide [mg/Nm ³]	16.5	IS 11255 (Part 2):1985 Reaffirmed 2014	100
3	Oxide of Nitrogen [mg/Nm ³]	546	IS 11255 (Part 7):1985 Reaffirmed 2012	600

Notes :-

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Purni Mal Yogi
Senior Analyst

Rajesh Maheshwari
Authorized Signatory
(Report No: 500000395)



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Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No.	500000396	Date :	09-04-2022
Issued To :	M/S Ambuja Cements Ltd. (Unit Marwar Mundwa) P.O.& Tehsil- Marwar Mundwa, District-Nagaur,(Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Stack Emission Level	Date of Sample Collection/Monitori ng :	15.03.2022
Point of Collection :	Clinker Cooler Stack [S-2]	Date of Receipt :	16.03.2022
Date of Test/Analysis :	16.03.2022 to 09.04.2022	Sampling Plan :	IS 11255:2008(Part 3)RA 2018
Quantity of Sample :	-	Sample Collected By :	Sitaram Jangid
Unit's representative :	Mr. Narendra K. Bhatt	Condition of Sample :	Fit for testing
Height of stack from ground level - 50.0 m		Area of Stack - 18.10 m ²	
Diameter of stack at sampling point- 4.80 m			
Stack Temperature [°C] - 225		Velocity of gas [m/sec] -6.95	

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Particulate matter [mg/Nm ³]	15.84	IS 11255 (Part 1):1985 Reaffirmed 2014	30

Notes :-

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Sent by Analyst **Mal Yogi**

Authorized Signatory
Rajesh Malhotra
(Report No: 500000396)



TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)

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Email : director@teamtesthouse.com,
Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No.	500000397	Date :	09-04-2022
Issued To :	M/S Ambuja Cements Ltd. (Unit Marwar Mundwa) P.O.& Tehsil- Marwar Mundwa, District-Nagaur,(Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Stack Emission Level	Date of Sample Collection/Monitori ng :	15.03.2022
Point of Collection :	Coal Mill Stack	Date of Receipt :	16.03.2022
Date of Test/Analysis :	16.03.2022 to 09.04.2022	Sampling Plan :	IS 11255:2008(Part 3)RA 2018
Quantity of Sample :	-	Sample Collected By :	Sitaram Jangid
Unit's representative :	Mr. Narendra K. Bhatt	Condition of Sample :	Fit for testing
Height of stack from ground level - 69.0 m		Area of Stack - 5.31 m ²	
Diameter of stack at sampling point- 2.6 m			
Stack Temperature [°C] - 83		Velocity of gas [m/sec] -10.5	

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Particulate matter [mg/Nm ³]	13.43	IS 11255 (Part 1):1985 Reaffirmed 2014	30

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Senior Analyst

Puran Mal Yogi

Rajesh Maheshwan

Authorized Signatory

(Report No: 500000397)



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TEST REPORT

Report No.	500000398	Date :	09-04-2022
Issued To :	M/S Ambuja Cements Ltd. (Unit Marwar Mundwa) P.O.& Tehsil- Marwar Mundwa, District-Nagaur,(Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Stack Emission Level	Date of Sample Collection/Monitoring :	14.03.2022
Point of Collection :	Cement Mill -1 Stack	Date of Receipt :	16.03.2022
Date of Test/Analysis :	16.03.2022 to 09.04.2022	Sampling Plan :	IS 11255:2008(Part 3)RA 2018
Quantity of Sample :	-	Sample Collected By :	Sitaram Jangid
Unit's representative :	Mr. Narendra K. Bhatt	Condition of Sample :	Fit for testing
Height of stack from ground level - 47.4 m		Area of Stack - 4.91 m ²	
Diameter of stack at sampling point- 2.5 m			
Stack Temperature [°C] - 77		Velocity of gas [m/sec] -13.4	

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Particulate matter [mg/Nm ³]	11.82	IS 11255 (Part 1):1985 Reaffirmed 2014	30

Notes :-

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Senior Analyst

Pranav Mal Yogi

Rajesh Maheshwari
Authorized Signatory
(Report No: 500000398)



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Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No.	500000399	Date :	09-04-2022
Issued To :	M/S Ambuja Cements Ltd. (Unit Marwar Mundwa) P.O.& Tehsil- Marwar Mundwa, District-Nagaur,(Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Stack Emission Level	Date of Sample Collection/Monitori ng :	14.03.2022
Point of Collection :	Packer-1 Stack [S-5]	Date of Receipt :	16.03.2022
Date of Test/Analysis :	16.03.2022 to 09.04.2022	Sampling Plan :	IS 11255:2008(Part 3)RA 2018
Quantity of Sample :	-	Sample Collected By :	Sitaram Jangid
Unit's representative :	Mr. Narendra K. Bhatt	Condition of Sample :	Fit for testing
Height of stack from ground level - 36.0 m		Area of Stack - 0.804 m ²	
Diameter of stack at sampling point- 1.012 m			
Stack Temperature [°C] - 45		Velocity of gas [m/sec] - 8.15	

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Particulate matter [mg/Nm ³]	12.75	IS 11255 (Part 1):1985 Reaffirmed 2014	30

Notes :-

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Purnan Mal Yogi
Senior Analyst

Rajesh Maheshwari
Authorized Signatory
(Report No: 50000399)



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ANNEXURE-2



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Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502521400003122	Date :	29-10-2021
Issued To :	M/S Ambuja Cement Limited (Unit - Marwar Mundwa) PO & Tehsil Marwar Mundwa, District - Nagaur (Rajasthan).	Type of Unit :	Cement Plant
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	13-10-2021
Point of Collection :	Staff Colony	Date of Receipt :	20-10-2021
Date of Test/Analysis :	20-10-2021 to 28-10-2021	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Banwari Lal Kumawat
Unit's representative :	Mr Anand Singh Chouhan	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Ammonia [microgram/m3]	BDL (<10.0)	IS 5182 (Part 25) : 2018	400.00
2	Carbon Monoxide [microgram/m3]	260	TTH/AAQM/08	4000
3	Lead [microgram/m3]	0.11	IS 5182 (Part 22) : 2004 Reaffirmed 2019	1.00
4	Nitrogen Dioxide as NO2 [microgram/m3]	13.16	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
5	Ozone [microgram/m3]	BDL (<20.0)	APHA 1977, Part 819	100.00
6	Particulate Matter (PM2.5) [microgram/m3]	35.16	IS 5182 (Part 24) : 2019	60.00
7	Sulphur Dioxide [microgram/m3]	5.75	IS 5182 (Part 2) : 2001 RA 2017	80.00
8	Particulate Matter (PM 10) [microgram/m3]	67.09	IS 5182 (Part 23)-2006 RA 2017	100.00
9	Arsenic [ng/m3]	BDL(<2.0)	IS 5182 (Part 22) : 2004 Reaffirmed 2019	6.00
10	Nickel [ng/m3]	5.3	IS 5182 : Part 26 : 2020	20.00

Notes :-

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Puran
Puran Mal Yogi

Rajesh
Rajesh Maheshwari



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TEST REPORT

Report No./ULR No. :	400003122	Date :	29-10-2021
Issued To :	M/S Ambuja Cement Limited (Unit - Marwar Mundwa) PO & Tehsil Marwar Mundwa, District - Nagaur (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	13-10-2021
Point of Collection :	Staff Colony	Date of Receipt :	20-10-2021
Date of Test/Analysis :	20-10-2021 to 28-10-2021	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Banwari Lal Kumawat
Unit's representative :	Mr Anand Singh Chouhan	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Benzene [microgram/m ³]	BDL (<1.0)	IS 5182 (Part 11) : 2012 RA 2017	5.00
2	Benzo-alfa- Pyrene [ng/m ³]	BDL(<0.5)	CPCB Guidelines	1.00

Notes :-

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Purni Mal Yogi
Senior Analyst

Rajesh Maheshwari
Authorized Signatory
(Report No: 400003122)



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TEST REPORT

Report No./ULR No. :	TC502521400003123	Date :	29-10-2021
Issued To :	M/S Ambuja Cement Limited (Unit - Marwar Mundwa) PO & Tehsil Marwar Mundwa, District - Nagaur (Rajasthan).	Type of Unit :	Cement Plant
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	13-10-2021
Point of Collection :	Time Office	Date of Receipt :	20-10-2021
Date of Test/Analysis :	20-10-2021 to 28-10-2021	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Banwari Lal Kumawat
Unit's representative :	Mr Anand Singh Chouhan	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Ammonia [microgram/m3]	BDL (<10.0)	IS 5182 (Part 25) : 2018	400.00
2	Carbon Monoxide [microgram/m3]	290	TTH/AAQM/08	4000
3	Lead [microgram/m3]	0.11	IS 5182 (Part 22) : 2004 Reaffirmed 2019	1.00
4	Nitrogen Dioxide as NO2 [microgram/m3]	13.58	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
5	Ozone [microgram/m3]	BDL (<20.0)	APHA 1977, Part 819	100.00
6	Particulate Matter (PM2.5) [microgram/m3]	38.84	IS 5182 (Part 24) : 2019	60.00
7	Sulphur Dioxide [microgram/m3]	4.98	IS 5182 (Part 2) : 2001 RA 2017	80.00
8	Particulate Matter (PM 10) [microgram/m3]	74.31	IS 5182 (Part 23)-2006 RA 2017	100.00
9	Arsenic [ng/m3]	BDL(<2.0)	IS 5182 (Part 22) : 2004 Reaffirmed 2019	6.00
10	Nickel [ng/m3]	4.8	IS 5182 : Part 26 : 2020	20.00

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Puran Mal Yogi

Rajesh Maneshwar



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TEST REPORT

Report No./ULR No. :	400003123	Date :	29-10-2021
Issued To :	M/S Ambuja Cement Limited (Unit - Marwar Mundwa) PO & Tehsil Marwar Mundwa, District - Nagaur (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	13-10-2021
Point of Collection :	Time Office	Date of Receipt :	20-10-2021
Date of Test/Analysis :	20-10-2021 to 28-10-2021	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Banwari Lal Kumawat
Unit's representative :	Mr Anand Singh Chouhan	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Benzene [microgram/m ³]	BDL (<1.0)	IS 5182 (Part 11) : 2012 RA 2017	5.00
2	Benzo-alfa- Pyrene [ng/m ³]	BDL(<0.5)	CPCB Guidelines	1.00

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Puran Mal Yogi
Senior Analyst

Rajesh Maheshwari
Authorized Signatory
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TEST REPORT

Report No./ULR No. :	TC502521400003124	Date :	29-10-2021
Issued To :	M/S Ambuja Cement Limited (Unit - Marwar Mundwa) PO & Tehsil Marwar Mundwa, District - Nagaur (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	13-10-2021
Point of Collection :	CCR Building	Date of Receipt :	20-10-2021
Date of Test/Analysis :	20-10-2021 to 28-10-2021	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Banwari Lal Kumawat
Unit's representative :	Mr Anand Singh Chouhan	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Ammonia [microgram/m3]	BDL (<10.0)	IS 5182 (Part 25) : 2018	400.00
2	Carbon Monoxide [microgram/m3]	340	TTH/AAQM/08	4000
3	Lead [microgram/m3]	0.13	IS 5182 (Part 22) : 2004 Reaffirmed 2019	1.00
4	Nitrogen Dioxide as NO2 [microgram/m3]	10.08	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
5	Ozone [microgram/m3]	BDL (<20.0)	APHA 1977, Part 819	100.00
6	Particulate Matter (PM2.5) [microgram/m3]	25.17	IS 5182 (Part 24) : 2019	60.00
7	Sulphur Dioxide [microgram/m3]	5.27	IS 5182 (Part 2) : 2001 RA 2017	80.00
8	Particulate Matter (PM 10) [microgram/m3]	71.88	IS 5182 (Part 23)-2006 RA 2017	100.00
9	Arsenic [ng/m3]	BDL(<2.0)	IS 5182 (Part 22) : 2004 Reaffirmed 2019	6.00
10	Nickel [ng/m3]	4.3	IS 5182 : Part 26 : 2020	20.00

Notes :-

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Puran Mal Yogi

Rajesh
Rajesh Maheshwar



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TEST REPORT

Report No./ULR No. :	400003124	Date :	29-10-2021
Issued To :	M/S Ambuja Cement Limited (Unit - Marwar Mundwa) PO & Tehsil Marwar Mundwa, District - Nagaur (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	13-10-2021
Point of Collection :	CCR Building	Date of Receipt :	20-10-2021
Date of Test/Analysis :	20-10-2021 to 28-10-2021	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Banwari Lal Kumawat
Unit's representative :	Mr Anand Singh Chouhan	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Benzene [microgram/m3]	BDL (<1.0)	IS 5182 (Part 11) : 2012 RA 2017	5.00
2	Benzo-alfa- Pyrene [ng/m3]	BDL(<0.5)	CPCB Guidelines	1.00

Notes :-

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Puran Mal Yogi
Senior Analyst

Rajesh Maheshwari
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TEST REPORT

Report No./ULR No. :	TC502521400003125	Date :	29-10-2021
Issued To :	M/S Ambuja Cement Limited (Unit - Marwar Mundwa) PO & Tehsil Marwar Mundwa, District - Nagaur (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	14-10-2021
Point of Collection :	Packing Plant	Date of Receipt :	20-10-2021
Date of Test/Analysis :	20-10-2021 to 28-10-2021	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Banwari Lal Kumawat
Unit's representative :	Mr Anand Singh Chouhan	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Ammonia [microgram/m3]	BDL (<10.0)	IS 5182 (Part 25) : 2018	400.00
2	Carbon Monoxide [microgram/m3]	260	TTH/AAQM/08	4000
3	Lead [microgram/m3]	0.01	IS 5182 (Part 22) : 2004 Reaffirmed 2019	1.00
4	Nitrogen Dioxide as NO2 [microgram/m3]	13.57	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
5	Ozone [microgram/m3]	BDL (<20.0)	APHA 1977, Part 819	100.00
6	Particulate Matter (PM2.5) [microgram/m3]	46.35	IS 5182 (Part 24) : 2019	60.00
7	Sulphur Dioxide [microgram/m3]	3.29	IS 5182 (Part 2) : 2001 RA 2017	80.00
8	Particulate Matter (PM 10) [microgram/m3]	74.61	IS 5182 (Part 23)-2006 RA 2017	100.00
9	Arsenic [ng/m3]	BDL(<2.0)	IS 5182 (Part 22) : 2004 Reaffirmed 2019	6.00
10	Nickel [ng/m3]	8.1	IS 5182 : Part 26 : 2020	20.00

Notes :-

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Puran Mal Yogi

Rajesh Maheshwari



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Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	400003125	Date :	29-10-2021
Issued To :	M/S Ambuja Cement Limited (Unit - Marwar Mundwa) PO & Tehsil Marwar Mundwa, District - Nagaur (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	14-10-2021
Point of Collection :	Packing Plant	Date of Receipt :	20-10-2021
Date of Test/Analysis :	20-10-2021 to 28-10-2021	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Banwari Lal Kumawat
Unit's representative :	Mr Anand Singh Chouhan	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Benzene [microgram/m ³]	BDL (<1.0)	IS 5182 (Part 11) : 2012 RA 2017	5.00
2	Benzo-alfa- Pyrene [ng/m ³]	BDL(<0.5)	CPCB Guidelines	1.00

Notes :-

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Puran Mal Yogi
Senior Analyst

Rakesh Maneswar
Authorized Signatory
(Report No: 400003125)



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TEST REPORT

Report No./ULR No. :	TC502522400000730	Date :	09-04-2022
Issued To :	M/S Ambuja Cement Limited (Unit - Marwar Mundwa) PO & Tehsil Marwar Mundwa, District - Nagaur (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	12-03-2022
Point of Collection :	Staff Colony	Date of Receipt :	16-03-2022
Date of Test/Analysis :	16-03-2022 to 08-04-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Sitaram jangid
Unit's representative :	Mr Sanjay Kumar Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Ammonia [microgram/m3]	BDL (<10.0)	IS 5182 (Part 25) : 2018	400.00
2	Carbon Monoxide [microgram/m3]	310	TTH/AAQM/08	4000
3	Lead [microgram/m3]	0.11	IS 5182 (Part 22) : 2004 Reaffirmed 2019	1.00
4	Nitrogen Dioxide as NO2 [microgram/m3]	13.94	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
5	Ozone [microgram/m3]	BDL (<20.0)	APHA 1977, Part 819	100.00
6	Particulate Matter (PM2.5) [microgram/m3]	32.65	IS 5182 (Part 24) : 2019	60.00
7	Sulphur Dioxide [microgram/m3]	4.41	IS 5182 (Part 2) : 2001 RA 2017	80.00
8	Particulate Matter (PM 10) [microgram/m3]	73.61	IS 5182 (Part 23)-2006 RA 2017	100.00
9	Arsenic [ng/m3]	BDL(<2.0)	IS 5182 (Part 22) : 2004 Reaffirmed 2019	6.00
10	Nickel [ng/m3]	6.5	IS 5182 : Part 26 : 2020	20.00

Notes :-

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Puran
Puran Mal Yogi

Rajesh
Rajesh Maheshwan



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TEST REPORT

Report No./ULR No. :	400000730	Date :	09-04-2022
Issued To :	M/S Ambuja Cement Limited (Unit - Marwar Mundwa) PO & Tehsil Marwar Mundwa, District - Nagaur (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	12-03-2022
Point of Collection :	Staff Colony	Date of Receipt :	16-03-2022
Date of Test/Analysis :	16-03-2022 to 08-04-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Sitaram jangid
Unit's representative :	Mr Sanjay Kumar Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Benzene [microgram/m3]	BDL (<1.0)	IS 5182 (Part 11) : 2012 RA 2017	5.00
2	Benzo-alfa- Pyrene [ng/m3]	BDL(<0.5)	CPCB Guidelines	1.00

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P. Mal Yogi
Senior Analyst

Rajesh Maheshwan
Authorized Signatory
(Report No: 400000730)



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TEST REPORT

Report No./ULR No. :	TC502522400000731	Date :	09-04-2022
Issued To :	M/S Ambuja Cement Limited (Unit - Marwar Mundwa) PO & Tehsil Marwar Mundwa, District - Nagaur (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	14-03-2022
Point of Collection :	Time Office	Date of Receipt :	16-03-2022
Date of Test/Analysis :	16-03-2022 to 08-04-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Sitaram jangid
Unit's representative :	Mr Sanjay Kumar Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Ammonia [microgram/m3]	BDL (<10.0)	IS 5182 (Part 25) : 2018	400.00
2	Carbon Monoxide [microgram/m3]	370	TTH/AAQM/08	4000
3	Lead [microgram/m3]	0.17	IS 5182 (Part 22) : 2004 Reaffirmed 2019	1.00
4	Nitrogen Dioxide as NO2 [microgram/m3]	14.92	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
5	Ozone [microgram/m3]	BDL (<20.0)	APHA 1977, Part 819	100.00
6	Particulate Matter (PM2.5) [microgram/m3]	26.6	IS 5182 (Part 24) : 2019	60.00
7	Sulphur Dioxide [microgram/m3]	3.77	IS 5182 (Part 2) : 2001 RA 2017	80.00
8	Particulate Matter (PM 10) [microgram/m3]	59.8	IS 5182 (Part 23)-2006 RA 2017	100.00
9	Arsenic [ng/m3]	BDL(<2.0)	IS 5182 (Part 22) : 2004 Reaffirmed 2019	6.00
10	Nickel [ng/m3]	7.4	IS 5182 : Part 26 : 2020	20.00

Notes :-

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Puran Mal Yogi

Rajesh Maheshwan



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TEST REPORT

Report No./ULR No. :	400000731	Date :	09-04-2022
Issued To :	M/S Ambuja Cement Limited (Unit - Marwar Mundwa) PO & Tehsil Marwar Mundwa, District - Nagaur (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	14-03-2022
Point of Collection :	Time Office	Date of Receipt :	16-03-2022
Date of Test/Analysis :	16-03-2022 to 08-04-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Sitaram jangid
Unit's representative :	Mr Sanjay Kumar Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Benzene [microgram/m3]	BDL (<1.0)	IS 5182 (Part 11) : 2012 RA 2017	5.00
2	Benzo-alfa- Pyrene [ng/m3]	BDL(<0.5)	CPCB Guidelines	1.00

Notes :-

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Puran Mal Yogi
Puran Mal Yogi
Senior Analyst

Rajesh Maheshwari
Rajesh Maheshwari
Authorized Signatory
(Report No: 400000731)



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TEST REPORT

Report No./ULR No. :	TC502522400000732	Date :	09-04-2022
Issued To :	M/S Ambuja Cement Limited (Unit - Marwar Mundwa) PO & Tehsil Marwar Mundwa, District - Nagaur (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	14-03-2022
Point of Collection :	CCR Building	Date of Receipt :	16-03-2022
Date of Test/Analysis :	16-03-2022 to 08-04-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Sitaram jangid
Unit's representative :	Mr Sanjay Kumar Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Ammonia [microgram/m3]	BDL (<10.0)	IS 5182 (Part 25) : 2018	400.00
2	Carbon Monoxide [microgram/m3]	370	TTH/AAQM/08	4000
3	Lead [microgram/m3]	0.15	IS 5182 (Part 22) : 2004 Reaffirmed 2019	1.00
4	Nitrogen Dioxide as NO2 [microgram/m3]	14.59	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
5	Ozone [microgram/m3]	BDL (<20.0)	APHA 1977, Part 819	100.00
6	Particulate Matter (PM2.5) [microgram/m3]	37.18	IS 5182 (Part 24) : 2019	60.00
7	Sulphur Dioxide [microgram/m3]	2.55	IS 5182 (Part 2) : 2001 RA 2017	80.00
8	Particulate Matter (PM 10) [microgram/m3]	78.18	IS 5182 (Part 23)-2006 RA 2017	100.00
9	Arsenic [ng/m3]	BDL(<2.0)	IS 5182 (Part 22) : 2004 Reaffirmed 2019	6.00
10	Nickel [ng/m3]	9.7	IS 5182 : Part 26 : 2020	20.00

Notes :-

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Puran
Puran Mal Yogi

Rajesh
Rajesh Malleshwan



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TEST REPORT

Report No./ULR No. :	400000732	Date :	09-04-2022
Issued To :	M/S Ambuja Cement Limited (Unit - Marwar Mundwa) PO & Tehsil Marwar Mundwa, District - Nagaur (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	14-03-2022
Point of Collection :	CCR Building	Date of Receipt :	16-03-2022
Date of Test/Analysis :	16-03-2022 to 08-04-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Sitaram jangid
Unit's representative :	Mr Sanjay Kumar Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Benzene [microgram/m3]	BDL (<1.0)	IS 5182 (Part 11) : 2012 RA 2017	5.00
2	Benzo-alfa- Pyrene [ng/m3]	BDL(<0.5)	CPCB Guidelines	1.00

Notes :-

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Ruman Mal Yogi
Senior Analyst


Rajesh Maheshwar
Authorized Signatory
(Report No: 400000732)



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TEST REPORT

Report No./ULR No. :	TC502522400000733	Date :	09-04-2022
Issued To :	M/S Ambuja Cement Limited (Unit - Marwar Mundwa) PO & Tehsil Marwar Mundwa, District - Nagaur (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	14-03-2022
Point of Collection :	Packing Plant	Date of Receipt :	16-03-2022
Date of Test/Analysis :	16-03-2022 to 08-04-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Sitaram jangid
Unit's representative :	Mr Sanjay Kumar Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Ammonia [microgram/m3]	BDL (<10.0)	IS 5182 (Part 25) : 2018	400.00
2	Carbon Monoxide [microgram/m3]	310	TTH/AAQM/08	4000
3	Lead [microgram/m3]	0.17	IS 5182 (Part 22) : 2004 Reaffirmed 2019	1.00
4	Nitrogen Dioxide as NO2 [microgram/m3]	14.42	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
5	Ozone [microgram/m3]	BDL (<20.0)	APHA 1977, Part 819	100.00
6	Particulate Matter (PM2.5) [microgram/m3]	38.57	IS 5182 (Part 24) : 2019	60.00
7	Sulphur Dioxide [microgram/m3]	3.4	IS 5182 (Part 2) : 2001 RA 2017	80.00
8	Particulate Matter (PM 10) [microgram/m3]	76.17	IS 5182 (Part 23)-2006 RA 2017	100.00
9	Arsenic [ng/m3]	BDL(<2.0)	IS 5182 (Part 22) : 2004 Reaffirmed 2019	6.00
10	Nickel [ng/m3]	6.3	IS 5182 : Part 26 : 2020	20.00

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Puran Mal Yogi

Rajeshwari



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TEST REPORT

Report No./ULR No. :	400000733	Date :	09-04-2022
Issued To :	M/S Ambuja Cement Limited (Unit - Marwar Mundwa) PO & Tehsil Marwar Mundwa, District - Nagaur (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	14-03-2022
Point of Collection :	Packing Plant	Date of Receipt :	16-03-2022
Date of Test/Analysis :	16-03-2022 to 08-04-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Sitaram jangid
Unit's representative :	Mr Sanjay Kumar Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Benzene [microgram/m ³]	BDL (<1.0)	IS 5182 (Part 11) : 2012 RA 2017	5.00
2	Benzo-alfa- Pyrene [ng/m ³]	BDL(<0.5)	CPCB Guidelines	1.00

Notes :-

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Senior Analyst

Authorized Signatory
(Report No: 400000733)



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ANNEXURE-3

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TEST REPORT

Report No.	400003144	Date :	29-10-2021
Issued To :	M/S Ambuja Cements Limited (Unit- Marwar Mundwa) P.O. & Tehsil -- Marwar Mundwa, District-Nagaur, (Rajasthan)	Type of Unit :	Cement Plant
Type of Sample :	Fugitive Emission Quality Monitoring	Date of Sample Collection/Monitoring :	13-10-2021
Point of Collection :	Clinker Yard (FG-3)	Date of Receipt :	20-10-2021
Date of Test/Analysis :	20-10-2021 to 29-10-2021	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Banwari lal Kumawat
Unit's representative :	Mr. Anand Singh Chouhan	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol
1	Suspended Particulate Matter [microgram/m ³]	326.52	IS 5182 (Part 4) : 1999 RA 2019
2	Respirable Suspended Particulate Matter [microgram/m ³]	94.27	IS 5182 (Part 23)-2006 RA 2017

Notes :-

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Puran Mal Yogi
Senior Analyst

Rajesh Maheshwari
Authorized Signatory
(Report No: 400003144)



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TEST REPORT

Report No.	400003143	Date :	29-10-2021
Issued To :	M/S Ambuja Cements Limited (Unit-Marwar Mundwa) P.O. & Tehsil -Marwar Mundwa, District-Nagaur, (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Fugitive Emission Quality Monitoring	Date of Sample Collection/Monitoring :	14-10-2021
Point of Collection :	Coal Handling Area (FG-2)	Date of Receipt :	20-10-2021
Date of Test/Analysis :	20-10-2021 to 29-10-2021	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Banwari Lal Kumawat
Unit's representative :	Mr. Anand Singh Chouhan	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol
1	Suspended Particulate Matter [microgram/m ³]	345.62	IS 5182 (Part 4) : 1999 RA 2019
2	Reparable Suspended Particulate Matter [microgram/m ³]	87.24	IS 5182 (Part 23)-2006 RA 2017

Notes :-

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Rajesh Maheshwan
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Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No.	400003146	Date :	29-10-2021
Issued To :	M/S Ambuja Cements Limited (Unit-Marwar Mundwa Rabriyawas) P.O. & Tehsil - Marwar Mundwa, District-Nagaur, (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Fugitive Emission Quality Monitoring	Date of Sample Collection/Monitoring :	14-10-2021
Point of Collection :	Fly Ash Area (FG-5)	Date of Receipt :	20-10-2021
Date of Test/Analysis :	20-10-2021 to 29-10-2021	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Banwari Lal Kumawat
Unit's representative :	Mr. Anand Singh Chouhan	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol
1	Suspended Particulate Matter [microgram/m ³]	284.71	IS 5182 (Part 4) : 1999 RA 2019
2	Respirable Suspended Particulate Matter [microgram/m ³]	86.26	IS 5182 (Part 23)-2006 RA 2017

Notes :-

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Puran Mal Yogi
Senior Analyst

Rajesh Maheshwari
Authorized Signatory
(Report No: 400003146)



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Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No.	400003145	Date :	29-10-2021
Issued To :	M/S Ambuja Cements Limited (Unit-Marwar Mundwa) P.O. & Tehsil -Marwar Mundwa, District-Nagaur, (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Fugitive Emission Quality Monitoring	Date of Sample Collection/Monitoring :	15-10-2021
Point of Collection :	Kiln Area (FG-4)	Date of Receipt :	20-10-2021
Date of Test/Analysis :	20-10-2021 to 29-10-2021	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Banwari Lal Kumawat
Unit's representative :	Mr. Anand Singh Chouhan	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol
1	Suspended Particulate Matter [microgram/m ³]	346.87	IS 5182 (Part 4) : 1999 RA 2019
2	Respirable Suspended Particulate Matter [microgram/m ³]	796.35	IS 5182 (Part 23)-2006 RA 2017

Notes :-

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Puran Mal Yogi
Senior Analyst

Rakesh Maheshwan
Authorized Signatory
(Report No: 40003145)



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Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No.	400003142	Date :	29-10-2021
Issued To :	M/S Ambuja Cements Limited (Unit-Marwar Mundwa) P.O & Tehsil.- Marwar Mundwa, District-Nagaur (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Fugitive Emission Quality Monitoring	Date of Sample Collection/Monitoring :	15-10-2021
Point of Collection :	Packing Plant Area (FG-1)	Date of Receipt :	20-10-2021
Date of Test/Analysis :	23-08-2021 to 10-09-2021	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Banwari Lal Kumawat
Unit's representative :	Mr. Anand Singh Chouhan	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol
1	Suspended Particulate Matter [microgram/m3]	267.80	IS 5182 (Part 4) : 1999 RA 2019
2	Respirable Suspended Particulate Matter [microgram/m3]	80.52	IS 5182 (Part 23)-2006 RA 2017

Notes :-

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Puran Maji Yogi
Puran Maji Yogi
Senior Analyst

Rajesh Maheshwari
Rajesh Maheshwari
Authorized Signatory
(Report No: 400003142)



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TEST REPORT

Report No.	400003149	Date :	29-10-2021
Issued To :	M/S Ambuja Cements Limited (Unit-Marwar Mundwa) P.O. & Tehsil-Marwar Mundwa, District-Nagaur, (Rajasthan).	Type of Unit :	Cement Plant
Type of Sample :	Fugitive Emission Quality Monitoring	Date of Sample Collection/Monitoring :	15-10-2021
Point of Collection :	Stacker & Reclaimer Area (FG-8)	Date of Receipt :	20-10-2021
Date of Test/Analysis :	20-10-2021 to 29-10-2021	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Banwari Lal Kumawat
Unit's representative :	Mr. Anand Singh Chouhan	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol
1	Suspended Particulate Matter [microgram/m ³]	296.47	IS 5182 (Part 4) : 1999 RA 2019
2	Reparable Suspended Particulate Matter [microgram/m ³]	86.29	IS 5182 (Part 23)-2006 RA 2017

Notes :-

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Puran Mal Yogi
Puran Mal Yogi
Senior Analyst

Rajesh Maheshwari
Rajesh Maheshwari
Authorized Signatory
(Report No: 400003149)



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TEST REPORT

Report No./ULR No. :	TC502522400000748	Date :	09-04-2022
Issued To :	M/S Ambuja Cement Limited (Unit - Marwar Mundwa) PO & Tehsil Marwar Mundwa, District - Nagaur (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Fugitive Emission Quality Monitoring	Date of Sample Collection/Monitoring :	14-03-2022
Point of Collection :	Packing Plant Area	Date of Receipt :	16-03-2022
Date of Test/Analysis :	16-03-2022 to 09-04-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Sitaram jangid
Unit's representative :	Mr Sanjay Kumar Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol
1	Suspended Particulate Matter [microgram/m3]	424.84	IS 5182 (Part 4) : 1999 RA 2019

Notes :-

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Duran Mal Yogi
Senior Analyst

Rajesh Maneshwar
Authorized Signatory
(Report No: TC502522400000748)



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Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502522400000749	Date :	09-04-2022
Issued To :	M/S Ambuja Cement Limited (Unit - Marwar Mundwa) PO & Tehsil Marwar Mundwa, District - Nagaur (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Fugitive Emission Quality Monitoring	Date of Sample Collection/Monitoring :	14-03-2022
Point of Collection :	Coal Handling Area	Date of Receipt :	16-03-2022
Date of Test/Analysis :	16-03-2022 to 09-04-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Sitaram jangid
Unit's representative :	Mr Sanjay Kumar Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol
1	Suspended Particulate Matter [microgram/m3]	388.23	IS 5182 (Part 4) : 1999 RA 2019

Notes :-

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Pranav
Pranav Mal Yogi
Senior Analyst

Rajesh
Rajesh Moheshwan
Authorized Signatory
(Report No: TC502522400000749)



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TEST REPORT

Report No./ULR No. :	TC502522400000750	Date :	09-04-2022
Issued To :	M/S Ambuja Cement Limited (Unit - Marwar Mundwa) PO & Tehsil Marwar Mundwa, District - Nagaur (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Fugitive Emission Quality Monitoring	Date of Sample Collection/Monitoring :	14-03-2022
Point of Collection :	Clinker Yard	Date of Receipt :	16-03-2022
Date of Test/Analysis :	16-03-2022 to 09-04-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Sitaram jangid
Unit's representative :	Mr Sanjay Kumar Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol
1	Suspended Particulate Matter [microgram/m3]	407.12	IS 5182 (Part 4) : 1999 RA 2019

Notes :-

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[Signature]
Buran Mal Yogi
Senior Analyst

[Signature]
Authorized Signatory
(Report No: TC502522400000750)



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TEST REPORT

Report No./ULR No. :	TC502522400000751	Date :	09-04-2022
Issued To :	M/S Ambuja Cement Limited (Unit - Marwar Mundwa) PO & Tehsil Marwar Mundwa, District - Nagaur (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Fugitive Emission Quality Monitoring	Date of Sample Collection/Monitoring :	14-03-2022
Point of Collection :	Kiln Area	Date of Receipt :	16-03-2022
Date of Test/Analysis :	16-03-2022 to 09-04-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Sitaram jangid
Unit's representative :	Mr Sanjay Kumar Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol
1	Suspended Particulate Matter [microgram/m ³]	573.58	IS 5182 (Part 4) : 1999 RA 2019

Notes :-

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Purnan Mal Yogi
Senior Analyst

Rajesh Maneshwar
Authorized Signatory
(Report No: TC502522400000751)



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TEST REPORT

Report No./ULR No. :	TC502522400000754	Date :	09-04-2022
Issued To :	M/S Ambuja Cement Limited (Unit - Marwar Mundwa) PO & Tehsil Marwar Mundwa, District - Nagaur (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Fugitive Emission Quality Monitoring	Date of Sample Collection/Monitoring :	15-03-2022
Point of Collection :	Cement Mill	Date of Receipt :	16-03-2022
Date of Test/Analysis :	16-03-2022 to 09-04-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Sitaram jangid
Unit's representative :	Mr Sanjay Kumar Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol
1	Suspended Particulate Matter [microgram/m3]	415.65	IS 5182 (Part 4) : 1999 RA 2019

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Purnan Mal Yogi
Senior Analyst

Rajesh Maneshwar
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TEST REPORT

Report No./ULR No. :	TC502522400000755	Date :	09-04-2022
Issued To :	M/S Ambuja Cement Limited (Unit - Marwar Mundwa) PO & Tehsil Marwar Mundwa, District - Nagaur (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Fugitive Emission Quality Monitoring	Date of Sample Collection/Monitoring :	15-03-2022
Point of Collection :	Stacker & Reclaimer	Date of Receipt :	16-03-2022
Date of Test/Analysis :	16-03-2022 to 09-04-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Sitaram jangid
Unit's representative :	Mr Sanjay Kumar Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol
1	Suspended Particulate Matter [microgram/m3]	391.15	IS 5182 (Part 4) : 1999 RA 2019

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Senior Analyst


Rajesh Maheshwar
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(Report No: TC502522400000755)



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TEST REPORT

Report No : 600002292
Date : 29-10-2021
Issued to : M/S Ambuja Cements Ltd. (Unit Marwar Mundwa)
P.O. & Tehsil- Marwar Mundwa, District-Nagaur
(Rajasthan)
Type of Unit : Cement Plant
Type of Monitoring : Ambient Noise Monitoring
Sample Collected by : Banwari Lal Kumawat
Date of monitoring : 11-10-2021 to 20-10-2021
Date of Receipt : 20-10-2021

RESULTS

SL. No.	Location	Observed value [Leq in dB (A)]	Observed value [Leq in dB (A)]
1	Staff Colony (N-1)	53.5	42.6
2	Time Office (N-2)	58.6	51.2
3	CCR Building (N-3)	61.3	55.4
4	Packing Plant (N-4)	69.7	58.7
5	Staff Colony (N-5)	56.8	45.6
6	CCR Room (N-6)	67.4	59.2
7	Time Office (N-7)	65.2	58.3
8	Coal Tippler E Boundry (N-8)	71.4	62.5
9	Packing Plant N Boundry (N-9)	65.4	57.3
10	ACF Gate S Boundry (N-10)	61.7	52.3
11	Workshop (N-11)	64.8	55.4
12	Compressor Room (N-12)	73.5	64.5
13	STP/Labour Colony (N-13)	52.6	41.7
14	Raw Mill Area (N-14)	73.4	64.2
15	Kiln Area (N-15)	74.5	63.8
16	Packing Plant (N-16)	73.8	64.6
17	Cement Mill Area (N-17)	73.4	63.6
18	Coal Mill Area (N-18)	74.2	65.0
19	Railway Siding Area (N-19)	69.4	58.7
20	Truck Yard (N-20)	61.2	53.4
21	Near Dozer -(N-21)	74.5	67.3
22	Near Loader (N-22)	73.7	63.5
23	Near Excavator (N-23)	74.4	64.7
24	Near Motor Grader (N-24)	73.7	63.8
25	Near Drill Machine (N-25)	74.6	65.4



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Email : marketinglab@teamtesthouse.com

SL. No.	Location	Observed value [Leq in dB (A)]	Observed value [Leq in dB (A)]
26	Near Dumper (N-26)	74.6	65.4
27	Near Braker (N-27)	68.4	61.2
28	Road Roller (N-28)	71.2	62.5
29	ML-1 E Boundry (N-29)	58.7	51.4
30	ML-1 W Boundry (N-30)	57.8	50.8
31	ML-1 N Boundry (N-31)	61.3	52.3
32	ML-1 S Boundry (N-32)	58.5	51.2
33	ML-2 E Boundry (N-33)	60.3	53.6
34	ML-2 W Boundry (N-34)	58.7	51.4
35	ML-2 N Boundry (N-35)	59.4	53.2
36	ML-2 S Boundry (N-36)	58.6	51.5
37	Near Working Pit (N-37)	62.4	54.7
38	Near Haul Road (N-38)	61.5	54.2
39	Near Crusher (N-39)	72.3	63.5
40	Near Blasting Site (N-40)	66.7	59.6
41	East Boundry (N-41)	58.4	51.7
42	West Boundry (N-42)	59.6	52.5
43	Nort Boundry (N-43)	61.4	53.5
44	South Boundry (N-44)	58.7	51.5
45	DG Stack Matasukh (N-45)	65.4	56.7
46	Boiler Stack Matasukh (N-46)	61.5	53.5
47	MEE (N-47)	60.3	52.4
48	WTP(N-48)	55.7	48.3
49	Barge Pump- Kashnaau Pit(N-49)	56.8	49.6
50	Site Office (N-50)	57.5	48.2

Standard Limits [in dB (A)] Leq:

Category of Area/ Zone	Day Time	Night Time
Industrial Area	75	70
Mines Area	75	65
Commercial Area	65	55
Residential Area	55	45

Note: -

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Puran Mal Yogi
Senior Analyst

Rajesh Maheshwari
Authorized Signatory



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Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502522600000470	Date :	04-04-2022
Issued To :	M/S Ambuja Cement Limited (Unit - Marwar Mundwa) PO & Tehsil Marwar Mundwa, District - Nagaur (Rajasthan),	Type of Unit :	Industry
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	12-03-2022
Point of Collection :	AAQM Location -1	Date of Receipt :	16-03-2022
Date of Test/Analysis :	16-03-2022 to 04-04-2022	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	-	Sample Collected By :	Sitaram jangid
Unit's representative :	Mr Sanjay Kumar Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time) : Leq [dB(A)]	63.4	IS 9989	75
2	Noise Level (Night Time) : Leq [dB(A)]	59.7	IS 9989	70

Notes :-

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- # The samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified.

Puran

Senior Analyst

Puran Mal Yogi

Rajesh
Rajesh Maheshwan
Authorized Signatory

(Report No: TC502522600000470)



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TEST REPORT

Report No./ULR No. :	TC502522600000471	Date :	05-04-2022
Issued To :	M/S Ambuja Cement Limited (Unit - Marwar Mundwa) PO & Tehsil Marwar Mundwa, District - Nagaur (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	12-03-2022
Point of Collection :	AAQM Location-2	Date of Receipt :	16-03-2022
Date of Test/Analysis :	16-03-2022 to 04-04-2022	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	-	Sample Collected By :	Sitaram jangid
Unit's representative :	Mr Sanjay Kumar Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time) : Leq [dB(A)]	64.2	IS 9989	75
2	Noise Level (Night Time) : Leq [dB(A)]	60.4	IS 9989	70

Notes :-

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Senior Analyst
Sunil Kumar

Authorized Signatory
(Report No: TC502522600000471)



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TEST REPORT

Report No./ULR No. :	TC502522600000472	Date :	05-04-2022
Issued To :	M/S Ambuja Cement Limited (Unit - Marwar Mundwa) PO & Tehsil Marwar Mundwa, District - Nagaur (Rajasthan).	Type of Unit :	Cement Plant
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	12-03-2022
Point of Collection :	AAQM Location-3	Date of Receipt :	16-03-2022
Date of Test/Analysis :	16-03-2022 to 04-04-2022	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	-	Sample Collected By :	Sitaram jangid
Unit's representative :	Mr Sanjay Kumar Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time) : Leq [dB(A)]	64.3	IS 9989	75
2	Noise Level (Night Time) : Leq [dB(A)]	59.4	IS 9989	70

Notes :-

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Senior Analyst
Sunil Kumar

Authorized Signatory
(Report No: TC502522600000472)



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TEST REPORT

Report No./ULR No. :	TC502522600000473	Date :	04-04-2022
Issued To :	M/S Ambuja Cement Limited (Unit - Marwar Mundwa) PO & Tehsil Marwar Mundwa, District - Nagaur (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	12-03-2022
Point of Collection :	AAQM Location-4	Date of Receipt :	16-03-2022
Date of Test/Analysis :	16-03-2022 to 04-04-2022	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	-	Sample Collected By :	Sitaram jangid
Unit's representative :	Mr Sanjay Kumar Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time) : Leq [dB(A)]	63.4	IS 9989	75
2	Noise Level (Night Time) : Leq [dB(A)]	58.2	IS 9989	70

Notes :-

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Senior Analyst
Sunil Kumar

Rajesh Maheshwan
Authorized Signatory
(Report No: TC502522600000473)



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Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502522600000474	Date :	04-04-2022
Issued To :	M/S Ambuja Cement Limited (Unit - Marwar Mundwa) PO & Tehsil Marwar Mundwa, District - Nagaur (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	13-03-2022
Point of Collection :	Staff Colony/CAAQMS Location-1	Date of Receipt :	16-03-2022
Date of Test/Analysis :	16-03-2022 to 04-04-2022	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	-	Sample Collected By :	Sitaram jangid
Unit's representative :	Mr Sanjay Kumar Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time) : Leq [dB(A)]	61.7	IS 9989	75
2	Noise Level (Night Time) : Leq [dB(A)]	44.8	IS 9989	70

Notes :-

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Sunil Kumar
Senior Analyst

Rajesh Maheshwari
Authorized Signatory
(Report No: TC502522600000474)



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Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502522600000475	Date :	04-04-2022
Issued To :	M/S Ambuja Cement Limited (Unit - Marwar Mundwa) PO & Tehsil Marwar Mundwa, District - Nagaur (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	14-03-2022
Point of Collection :	CCR Room /CAAMS-2	Date of Receipt :	16-03-2022
Date of Test/Analysis :	16-03-2022 to 04-04-2022	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	-	Sample Collected By :	Sitaram jangid
Unit's representative :	Mr Sanjay Kumar Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time) : Leq [dB(A)]	63.0	IS 9989	75
2	Noise Level (Night Time) : Leq [dB(A)]	57.8	IS 9989	70

Notes :-

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Senior Analyst
Sunil Kumar

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TEST REPORT

Report No./ULR No. :	TC502522600000476	Date :	04-04-2022
Issued To :	M/S Ambuja Cement Limited (Unit - Marwar Mundwa) PO & Tehsil Marwar Mundwa, District - Nagaur (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	14-03-2022
Point of Collection :	Time Officer /East Boundary	Date of Receipt :	16-03-2022
Date of Test/Analysis :	16-03-2022 to 04-04-2022	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	-	Sample Collected By :	Sitaram jangid
Unit's representative :	Mr Sanjay Kumar Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time) : Leq [dB(A)]	60.5	IS 9989	75
2	Noise Level (Night Time) : Leq [dB(A)]	46.8	IS 9989	70

Notes :-

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Senior Analyst
Sunil Kumar

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TEST REPORT

Report No./ULR No. :	TC502522600000477	Date :	04-04-2022
Issued To :	M/S Ambuja Cement Limited (Unit - Marwar Mundwa) PO & Tehsil Marwar Mundwa, District - Nagaur (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	14-03-2022
Point of Collection :	Coal Tippler /west Boundary	Date of Receipt :	16-03-2022
Date of Test/Analysis :	16-03-2022 to 04-04-2022	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	-	Sample Collected By :	Sitaram jangid
Unit's representative :	Mr Sanjay Kumar Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time) : Leq [dB(A)]	65.9	IS 9989	75
2	Noise Level (Night Time) : Leq [dB(A)]	59.7	IS 9989	70

Notes :-

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Sunil Kumar
Senior Analyst

Rajesh Maheshwari
Authorized Signatory
(Report No: TC502522600000477)



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TEST REPORT

Report No./ULR No. :	TC502522600000478	Date :	04-04-2022
Issued To :	M/S Ambuja Cement Limited (Unit - Marwar Mundwa) PO & Tehsil Marwar Mundwa, District - Nagaur (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	14-03-2022
Point of Collection :	Packing Plant / CAAQMS -3/ North Boundary	Date of Receipt :	16-03-2022
Date of Test/Analysis :	16-03-2022 to 04-04-2022	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	-	Sample Collected By :	Sitaram jangid
Unit's representative :	Mr Sanjay Kumar Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time) : Leq [dB(A)]	64.8	IS 9989	75
2	Noise Level (Night Time) : Leq [dB(A)]	60.1	IS 9989	70

Notes :-

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Sunil Kumar
Senior Analyst

Rajesh Maheshwan
Authorized Signatory
(Report No: TC502522600000478)



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TEST REPORT

Report No./ULR No. :	TC502522600000479	Date :	04-04-2022
Issued To :	M/S Ambuja Cement Limited (Unit - Marwar Mundwa) PO & Tehsil Marwar Mundwa, District - Nagaur (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	14-03-2022
Point of Collection :	ACF Gate / South Boundary	Date of Receipt :	16-03-2022
Date of Test/Analysis :	16-03-2022 to 04-04-2022	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	-	Sample Collected By :	Sitaram jangid
Unit's representative :	Mr Sanjay Kumar Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time) : Leq [dB(A)]	65.0	IS 9989	75
2	Noise Level (Night Time) : Leq [dB(A)]	60.8	IS 9989	70

Notes :-

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Senior Analyst
Sunil Kumar

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Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502522600000480	Date :	04-04-2022
Issued To :	M/S Ambuja Cement Limited (Unit - Marwar Mundwa) PO & Tehsil Marwar Mundwa, District - Nagaur (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	14-03-2022
Point of Collection :	Workshop	Date of Receipt :	16-03-2022
Date of Test/Analysis :	16-03-2022 to 04-04-2022	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	-	Sample Collected By :	Sitaram jangid
Unit's representative :	Mr Sanjay Kumar Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time) : Leq [dB(A)]	66.7	IS 9989	75
2	Noise Level (Night Time) : Leq [dB(A)]	62.5	IS 9989	70

Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
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Senior Analyst
Sunil Kumar

Authorized Signatory
(Report No: TC502522600000480)



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TEST REPORT

Report No./ULR No. :	TC502522600000481	Date :	04-04-2022
Issued To :	M/S Ambuja Cement Limited (Unit - Marwar Mundwa) PO & Tehsil Marwar Mundwa, District - Nagaur (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	14-03-2022
Point of Collection :	Compressor Room	Date of Receipt :	16-03-2022
Date of Test/Analysis :	16-03-2022 to 04-04-2022	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	-	Sample Collected By :	Sitaram jangid
Unit's representative :	Mr Sanjay Kumar Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time) : Leq [dB(A)]	64.4	IS 9989	75
2	Noise Level (Night Time) : Leq [dB(A)]	59.8	IS 9989	70

Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
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Senior Analyst
Sunil Kumar

Authorized Signatory
(Report No: TC502522600000481)



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TEST REPORT

Report No./ULR No. :	TC502522600000482	Date :	04-04-2022
Issued To :	M/S Ambuja Cement Limited (Unit - Marwar Mundwa) PO & Tehsil Marwar Mundwa, District - Nagaur (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	14-03-2022
Point of Collection :	STP / Labour Colony	Date of Receipt :	16-03-2022
Date of Test/Analysis :	16-03-2022 to 04-04-2022	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	-	Sample Collected By :	Sitaram jangid
Unit's representative :	Mr Sanjay Kumar Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time) : Leq [dB(A)]	52.8	IS 9989	75
2	Noise Level (Night Time) : Leq [dB(A)]	43.1	IS 9989	70

Notes :-

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Senior Analyst
Sunil Kumar

Rajesh Maheshwari
Authorized Signatory
(Report No: TC502522600000482)



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(Unit of Team Institute of Science & Technology Pvt. Ltd.)



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TEST REPORT

Report No./ULR No. :	TC502522600000483	Date :	04-04-2022
Issued To :	M/S Ambuja Cement Limited (Unit - Marwar Mundwa) PO & Tehsil Marwar Mundwa, District - Nagaur (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	14-03-2022
Point of Collection :	Raw Mill Area	Date of Receipt :	16-03-2022
Date of Test/Analysis :	16-03-2022 to 04-04-2022	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	-	Sample Collected By :	Sitaram jangid
Unit's representative :	Mr Sanjay Kumar Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time) : Leq [dB(A)]	67.3	IS 9989	75
2	Noise Level (Night Time) : Leq [dB(A)]	62.8	IS 9989	70

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Senior Analyst
Sunil Kumar

Rajesh Maheshwari
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TEST REPORT

Report No./ULR No. :	TC502522600000484	Date :	04-04-2022
Issued To :	M/S Ambuja Cement Limited (Unit - Marwar Mundwa) PO & Tehsil Marwar Mundwa, District - Nagaur (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	14-03-2022
Point of Collection :	Kiln Area	Date of Receipt :	16-03-2022
Date of Test/Analysis :	16-03-2022 to 04-04-2022	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	-	Sample Collected By :	Sitaram jangid
Unit's representative :	Mr Sanjay Kumar Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time) : Leq [dB(A)]	68.6	IS 9989	75
2	Noise Level (Night Time) : Leq [dB(A)]	63.0	IS 9989	70

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TEST REPORT

Report No./ULR No. :	TC502522600000485	Date :	04-04-2022
Issued To :	M/S Ambuja Cement Limited (Unit - Marwar Mundwa) PO & Tehsil Marwar Mundwa, District - Nagaur (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	14-03-2022
Point of Collection :	Packing Plant Area	Date of Receipt :	16-03-2022
Date of Test/Analysis :	16-03-2022 to 04-04-2022	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	-	Sample Collected By :	Sitaram jangid
Unit's representative :	Mr Sanjay Kumar Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time) : Leq [dB(A)]	66.7	IS 9989	75
2	Noise Level (Night Time) : Leq [dB(A)]	62.5	IS 9989	70

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Senior Analyst

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TEST REPORT

Report No./ULR No. :	TC502522600000486	Date :	04-04-2022
Issued To :	M/S Ambuja Cement Limited (Unit - Marwar Mundwa) PO & Tehsil Marwar Mundwa, District - Nagaur (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	14-03-2022
Point of Collection :	Cement Mill Area	Date of Receipt :	16-03-2022
Date of Test/Analysis :	16-03-2022 to 04-04-2022	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	-	Sample Collected By :	Sitaram jangid
Unit's representative :	Mr Sanjay Kumar Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time) : Leq [dB(A)]	68.1	IS 9989	75
2	Noise Level (Night Time) : Leq [dB(A)]	63.5	IS 9989	70

Notes :-

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TEST REPORT

Report No./ULR No. :	TC502522600000487	Date :	04-04-2022
Issued To :	M/S Ambuja Cement Limited (Unit - Marwar Mundwa) PO & Tehsil Marwar Mundwa, District - Nagaur (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	14-03-2022
Point of Collection :	Coal Mill Area	Date of Receipt :	16-03-2022
Date of Test/Analysis :	16-03-2022 to 04-04-2022	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	-	Sample Collected By :	Sitaram jangid
Unit's representative :	Mr Sanjay Kumar Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time) : Leq [dB(A)]	66.3	IS 9989	75
2	Noise Level (Night Time) : Leq [dB(A)]	58.7	IS 9989	70

Notes :-

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Senior Analyst

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TEST REPORT

Report No./ULR No. :	TC502522600000488	Date :	04-04-2022
Issued To :	M/S Ambuja Cement Limited (Unit - Marwar Mundwa) PO & Tehsil Marwar Mundwa, District - Nagaur (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	13-03-2022
Point of Collection :	Railway Siding Area	Date of Receipt :	16-03-2022
Date of Test/Analysis :	16-03-2022 to 04-04-2022	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	-	Sample Collected By :	Sitaram jangid
Unit's representative :	Mr Sanjay Kumar Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time) : Leq [dB(A)]	62.8	IS 9989	75
2	Noise Level (Night Time) : Leq [dB(A)]	56.2	IS 9989	70

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TEST REPORT

Report No./ULR No. :	TC502522600000489	Date :	04-04-2022
Issued To :	M/S Ambuja Cement Limited (Unit - Marwar Mundwa) PO & Tehsil Marwar Mundwa, District - Nagaur (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	13-03-2022
Point of Collection :	Truck Yard	Date of Receipt :	16-03-2022
Date of Test/Analysis :	16-03-2022 to 04-04-2022	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	-	Sample Collected By :	Sitaram jangid
Unit's representative :	Mr Sanjay Kumar Singh	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time) : Leq [dB(A)]	64.8	IS 9989	75
2	Noise Level (Night Time) : Leq [dB(A)]	60.5	IS 9989	70

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