

Ambuja Cement

Ref: ACL/NL/EMD/05-2020/006

21st May 2020

**Additional Director,
Regional Office (North Central Zone),
Ministry of Environment, Forests & Climate Change,
Government of India
25, Subhash Road, Dehradun - 248001**

Kind Attn: Dr. Bhardwaj Adiraju

Sub: Half Yearly compliance of conditions of Environmental Clearance.

Dear Sir,

This has reference to the Environmental Clearance granted to our plant by MoEFCC vide letter no. J-11011/173/2008-IA II (I) dated August 22, 2008. We are sending a point-wise status report from October 2019 to March 2020 on compliance of the stipulated environmental conditions/safeguards of Environmental clearance letter referred above along with Cement Production from October 2019 to March 2020 as Annexure - 7 through e-mail address: moef.ddn@gov.in with a request to kindly acknowledge the receipt through return mail.

Hope you will find the information in order.

Thanking you,

For Ambuja Cements Ltd
(Unit Nalagarh)
Authorised Signatory

ARUN
KUMAR JHA

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ARUN KUMAR JHA
Date: 2020.05.21
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Arun Kumar Jha
(Sr. Vice President)

Encl: As above

CC – 1. The Member Secretary, H.P. State Pollution Control Board,
Him Parivesh', Phase-III, New Shimla, Shimla-171009, HP

- Hard copy

2. Regional Officer, HP State Pollution Control Board,
Baddi, Distt. Solan (H.P.)

-Hard Copy

3. Additional Director, Central Pollution Control Board Regional Directorate (North)- Hard Copy
PICUP Bhawan, Vibhuti Khund, Gomti Nagar, Lucknow - 226010

AMBUJA CEMENTS LIMITED

(Unit – Nalagarh)

Village Navagraon, P.O. Jajhra, Tehsil Nalagarh, Dist. Solan 174 101 (H.P.)

Telefax : 01795-662702, Website : www.ambujacement.com

Regd. Off : P.O. Ambuja Nagar, Taluka – Kodinar, Distt. Gir Somnath, Gujarat – 362715

CIN No. : L269426J1981PLC004717



Compliance of Conditions of Environment Clearance

Name of the Project: Ambuja Cements Ltd., Village Navagraon, P.O. Jajhra,
Tehsil Nalagarh, Distt. Solan (H.P.) - 174101

Clearance letter No.: J-11011/173/2008-IA-II(I) dated 22 August 2008

Period of Compliance: October 2019 to March 2020

Sl. No.	Condition	Compliance Status
i	The particulate matter emissions from various sources shall not exceed 50 mg/Nm ³ . The fugitive emissions during loading and unloading shall be suitably controlled. Bag house/ filters shall be provided to control air emissions to achieve the prescribed standards.	To achieve the prescribed standards of Ambient air and Stack emissions, 27 Nos. of Bag filters and one main Bag House have been installed. Stack emissions are maintained well below the prescribed limit of 30mg/Nm ³ . Stack emission monitoring was conducted by Interstellar Testing Centre Pvt. Ltd., a NABL accredited and MoEFCC approved Lab (SI No-58 of Gazette Notification dated 17th October, 2019 – Notification attached) on 5th and 6th March 2020. The results are in the range of 12.0 mg/Nm ³ to 18 mg/Nm ³ . Reports enclosed as Annexure – 1 .
ii	The locations of ambient air quality monitoring stations shall be set up as per statutory requirement in consultation with the Himachal Pradesh Pollution Control Board (HPPCB) and additional stations shall be installed, if required, in the downwind direction as well as where maximum ground level concentrations are anticipated.	Six Ambient Air quality monitoring stations have been fixed and the report is submitted to State Pollution Control Board on monthly basis. Ambient Air quality monitoring is done on regular basis at all six locations. Ambient Air Quality monitoring was conducted by Interstellar Testing Centre Pvt. Ltd., a NABL and MoEFCC accredited lab on 5 th March 2020 for all the six and the results are found to be varying from 68 ug/m ³ to 92 ug/m ³ for PM ₁₀ and 40 ug/m ³ to 54 ug/m ³ for PM _{2.5} . All other parameters are also within the prescribed limits. Reports enclosed as Annexure - 2
iii	The company shall obtain permission for drawl of 400 m ³ /day ground water from the	Required permission has been obtained and a copy of permission

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Page 1 of 5

	Central Ground Water Authority/ Central Ground Water Board and copy of the same shall be submitted to the ministry and its Regional Office at Chandigarh within three months from the date of issue of this letter.	letter was submitted to the Regional office of MoEF, at Chandigarh vides our letter dated 22 nd June 2010. Presently the withdrawal sources are registered with HP Ground Water Authority and required permission of Water withdrawal has been obtained.
iv	Green belt shall be developed at least in 33% of plant area to mitigate the effect of fugitive emissions all around the plant as per the guidelines of Central Pollution Control Board.	Provision has been kept for development of Green Belt. We have planted 7298 Trees and 36258 Shrubs up to September 2019. Total green cover is more than 33% of the plant area. Detail of plantation done up to March 2020 enclosed as Annexure – 3
v	The project authorities shall transport the raw materials and cement in covered means to avoid fugitive emission during transport.	All the raw materials and Cement are transported in covered trucks to avoid fugitive emission during transportation.
vi	No clinker manufacturing facility shall be installed by the company	Clinker manufacturing facility has not been installed.
vii	All the recommendations mentioned in the CREP guidelines for the cement plants shall be followed and complied.	All the recommendations mentioned in CREP guidelines for Cement plants are followed and complied. Compliance status enclosed as Annexure – 4
	GENERAL CONDITIONS	
i	The project authorities shall strictly adhere to the stipulations of the SPCB/ state government or any other statutory body.	All stipulations of SPCB/ State Government and other statutory bodies are being complied and shall be taken care in future also.
ii	All other necessary statutory clearances from the concerned Departments including "No Objection Certificate" from the Himachal Pradesh Pollution Control Board (HPPCB) shall be obtained prior to commencement of construction and/ or operation.	No Objection Certificate was obtained from HPPCB vides letter no. PCB(1114) Ambuja Cement Navagraon/6-13867-73 dated 27/09/2008. All other Statutory Clearances like single window clearance consent under Air and Water Acts have also been obtained. Latest consent was valid upto 31.03.2020 but due to Covid 19 this validity was extended upto 30.06.2020. Application for renewal has already been filed and is under process.
iii	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations or alterations	Any expansion or modifications in the plant shall be carried out only after obtaining prior approval of the Ministry of Environment, Forest and

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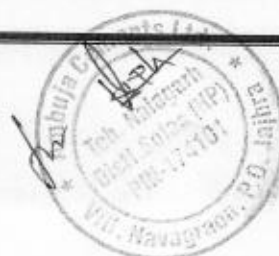


	in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Climate Change.
iv	At no time, the emissions shall exceed the prescribed limits. In the event of failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.	Process interlocking system has been provided which shall automatically trip off the mill in case of failure of pollution control system.
v	The gaseous emissions (SO ₂ , NO _x) and particulate matter along with RSPM levels from various process units shall conform to the standards prescribed by the concerned authorities from time to time.	Gaseous emission (SO ₂ and NO _x) is not applicable in case of stack emissions in grinding unit where we are monitoring Particulate matter only but in case of Ambient air quality they are being monitored. All the values are within the prescribed norms.
vi	The company shall undertake following Waste	Minimization measures:
	Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.	No by-product being generated from process.
	Use of "Close pneumatic" system for transport of fine material.	All fine materials are transported in closed systems to avoid any leakage/spillage.
	All venting systems shall be connected with dust arresting equipments.	All the material transfer points and venting systems are equipped with Bag Filters.
	Dust collect in pollution control equipments shall be reused.	Dust collected in pollution control equipment is automatically recycled in the respective process.
vii	Fugitive emissions in the work zone environment, product and raw materials storage area shall be regularly monitored. The emissions shall conform to the limits imposed by the State Pollution Control Boards/Central Pollution Control Board.	Fugitive emissions in work zone environment, product and raw materials storage area is regularly monitored and are conforming to the prescribed norms. Last monitoring conducted by Interstellar Testing Centre Pvt. Ltd., a NABL and MoEFCC accredited lab on 6 th March 2020 at Packing and Loading floors. The results found 1268 ug/M ³ and 1140 ug/M ³ respectively. Apart from this Work area dust exposure was also monitored and the results were 3.5 mg/M ³ at loader operator, 3.75 mg/M ³ at Gypsum feeding operator, 3.95

		mg/M ³ at Material gate person and 4.40 mg/M ³ at Packer operator respectively. All the results found to be within the prescribed norms. Reports enclosed as Annexure- 5A and Annexure - 5B respectively .
viii	The overall noise levels in all around the plant area shall be kept well within the standards 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 Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	All possible noise control measures have been taken. Ambient Noise is regularly monitored. Last monitoring conducted by Interstellar Testing Centre Pvt. Ltd., a NABL and MoEFCC accredited lab on 5th March 2020. The results were in the range of 52.0 dB(A) to 63.3 dB(A) during day time and 40.5 dB(A) to 44.7 dB(A) during night time which are well within the prescribed norms. The report is enclosed as Annexure - 6
ix	The company shall develop rain water harvesting structures to harvest the runoff water for recharge of ground water.	Three rain water harvesting structures with proper drainage system have been made for collection of rain water to recharge the ground water. Based on our own measurements, this unit is more than 5 times water positive in 2019.
x	Occupational health and safety measures shall be undertaken. Periodic monitorial for exposure to dust on the workers should be conducted and records maintained including health records of the workers. The company shall engage a doctor who is trained in occupational health.	Occupational Health & Safety is given the top most priority in our company. An occupational health centre has been set up. Regular medical checkup has been conducted for the workers as well as employees on annual basis and keeping proper records. Last Health check up was done in April and May 2019 and reports submitted during last compliance report. This year also Health Checkup has been planned in May 2020 but it could not be started yet due to spread of COVID 19.
xi	The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment. The eco-development plan should be submitted to the SPCB within three months of receipt of this letter for approval.	Ambuja Cement Foundation (a Non-Governmental Organization) has been set up by the company for looking after Eco-developmental and community welfare measures in the project area and is working since the inception of the project. Total expenditure incurred on CSR

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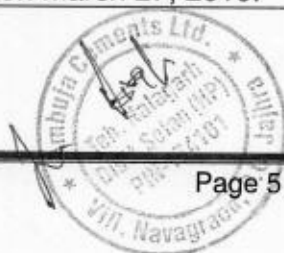
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		activities in 2019-20 was Rs.1.30 Crores
xii	A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	To look after the environmental management and monitoring, the company has set up a separate Environmental Management Cell with full-fledged laboratory.
xiii	The project authorities shall earmark Rs. 2.20 Crores to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. An implementation schedule for all the conditions stipulated herein shall be submitted to the Ministry's Regional Office. The funds so provided shall not be diverted for any other purpose.	Though a sum of Rs.2.20 Crores was earmarked to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government, Initially we had spent approximately 41 Crores on Environment Protection measures and other related activities.
xiv	The implementation of the project vis-à-vis environmental action plans shall be monitored by the concerned Regional Office of the Ministry/SPCB/CPCB. A six monthly compliance status report shall be submitted to monitoring agencies and shall be posted on the website of the Company.	Six monthly compliance reports are being submitted regularly. Last report April 2019 to September 2019 was submitted through e-mail moef.ddn@gov.in on 14 th November 2020. The same had also been posted on company website.
xv	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at Website of the Ministry at http://envfor.nic.in . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one should be in the Vernacular language of the locality and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.	The condition has been complied with. The same had been advertised in two local news papers (The Tribune and Dainik Bhaskar) dated 29 th August 2008 in Hindi and the same had been forwarded to Regional Office of the Ministry, Chandigarh vide our letter dated 9 th September 2008.
xvi	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of project.	The project was approved by the state govt. on March 11, 2008; EC granted by MoEF on August 22, 2008. The project activities were formally started in January, 2009. Consent to Operate was issued by State Pollution Control Board on March 23, 2010 and production started on March 27, 2010.

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Test Report

Document QF : 2501

Page 1 of 2

Issued To Ambuja Cements Limited (Unit: Nalagarh) Village: Navagraon, Tehsil: Nalagarh, Distt. Solan Nalagarh	Sample Reg. No. :E01-2003090295 Sample Reg. Date :09-03-2020 Report Date :16-03-2020 Report No. :ICE-2003160634 NABL ULR No. :TC592620000002448F Customer Ref. No.: PO Letter Dated :30.01.2020
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Test Report as per

: EPA Act 1986/PCLS/2010

General Information

Name of the emission source monitored	: Stack Emission of Vertical Roller Mill
(a) Rated Capacity	: 250 Ton/hr
(b) Capacity on sampling day	: -do-
(c) Type of fuel used & its consumption	: Furnace oil & 2 ltr/Ton of Product
(d) Normal operating schedule	: 20 hrs/day
2. Stack Identification	: Stack attached to Vertical Roller Mill
3.Type of Stack/Duct	: Metal
4.Stack Height from Ground Level(m)	: 54
Diameter of the Stack(cm)	: 170
(6) Sampling Duration(minutes)	: 62
Purpose of Monitoring	: To assess the pollution load
(8) Air Pollution control measure	: Bag House
(a) Status	: Working
(b) Recovery of Material	: -
(9) Fugitive Emission,if any	: Nil

Observations

Flue Gas Temperature, °C,Avg.	: 73
Flue Gas Velocity(m/s),Avg.	: 9.57
Volumetric Flow Rate(Nm ³ /hr.)	: 64836.50
Ambient Air Temperature, °C	: 21

TEST RESULTS

S.No.	Test Parameter	Inst. Used	Method	Requirement	Result
Test Details :					
1.	General Parameters				
a.	Particulate Matter,mg/Nm ³	Gravimetric	IS:11255(P-1)	30 Max.	15
b.	Sulphur Dioxide(SO ₂),mg/Nm ³	Titration	IS:11255(P-2)	Not Specified	23

Saurabh Sharma
16-03-2020
Reviewer

16-03-2020
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2008 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

86, Industrial Area, Phase-I, Panchkula-134109 (Haryana)

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

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Test Report

Document QF : 2501
Page 2 of 2

Issued To

Ambuja Cements Limited (Unit: Nalagarh)
Village: Navagraon, Tehsil: Nalagarh, Distt. Solan
Nalagarh

Sample Reg. No. : E01-2003090295
Sample Reg. Date : 09-03-2020
Report Date : 16-03-2020
Report No. : ICE-2003160634
NABL ULR No. : TC592620000002448F
Customer Ref. No. : PO
Letter Dated : 30.01.2020

c.	Oxides of Nitrogen(NO ₂),mg/Nm ³	UV- Spectrophotometer	IS:11255(P-7)	Not Specified	54
d.	Carbon Monoxide(CO),% v/v	Orsat Apparatus	IS:13270	1.0 Max.	0.2

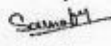
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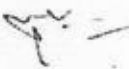
NOTE : NA- Not Applicable, Requirements as per EPA Act 1986/PCLS/2010,G.S.R.497(E) Dated - 10.05.2016, Sample collected by lab rep. on dated 05.03.2020, Sampling Procedure - SOP/ITC/EW/056

REMARKS : N/A

*****End Of Report*****




Saurabh Sharma
16-03-2020
Reviewer


16-03-2020
Prem Kumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
(ISO 9001:2008 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)
(A Government Approved Test House)
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)
Phone : (O) 0172-2561543, 2565825
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Test Report

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Page 1 of 2

Issued To Ambuja Cements Limited (Unit: Nalagarh) Village: Navagraon, Tehsil: Nalagarh, Distt. Solan Nalagarh	Sample Reg. No. :E01-2003090294 Sample Reg. Date :09-03-2020 Report Date :14-03-2020 Report No. :ICE-2003140550 NABL ULR No. :TC592620000002433F Customer Ref. No.: PO Letter Dated :30.01.2020
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Test Report as per

: EPA Act 1986/PCLS/2010,G.S.R.497(E) Dated :- 10.05.2016

General Information

Name of the emission source monitored	: Process Stack
(a) Rated Capacity	: 240 Ton/hr
(b) Capacity on sampling day	: -do-
(c) Type of fuel used & its consumption	: Electricity
(d) Normal operating schedule	: 24 hrs
2. Stack Identification	: Stack attached to Process Stack (Packing Plant Bag Filter-2)
3.Type of Stack/Duct	: Metal
4.Stack Height from Ground Level(m)	: 31.6
Diameter of the Stack(cm)	: 100
(6) Sampling Duration(minutes)	: 38
Purpose of Monitoring	: To assess the pollution load
(8) Air Pollution control measure	: Bag Fliter
(a) Status	: Working
(b) Recovery of Material	: -
(9) Fugitive Emission,if any	: Nil

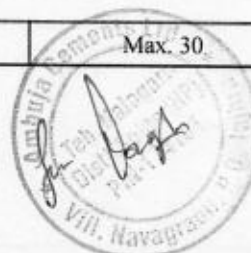
Observations

Flue Gas Temperature, °C,Avg.	: 24
Flue Gas Velocity(m/s),Avg.	: 6.09
Volumetric Flow Rate(Nm ³ /hr.)	: 16632.08
Ambient Air Temperature, °C	: 12

TEST RESULTS

S.No.	Test Parameter	Method	Requirement	Result
Test Details :				
1.	General Parameters			
a.	Particulate Matter,mg/Nm ³	IS:11255(P-1)	Max. 30	18

V. Saini
Vikrant
14-03-2020
Reviewer



Saurabh Sharma
14-03-2020
Saurabh Sharma
[Authorized Signatory]

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Test Report

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Page 2 of 2

Issued To	Sample Reg. No. :E01-2003090294
Ambuja Cements Limited (Unit: Nalagarh)	Sample Reg. Date :09-03-2020
Village: Navagraon, Tehsil: Nalagarh, Distt. Solan	Report Date :14-03-2020
Nalagarh	Report No. :ICE-2003140550
	NABL ULR No. :TC592620000002433F
	Customer Ref. No.: PO
	Letter Dated :30.01.2020

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NOTE : NA- Not Applicable, Requirements as per EPA Act 1986/PCLS/2010,G.S.R.497(E) Dated :- 10.05.2016, Sample collected by lab rep. on dated 06.03.2020, Sampling Procedure as per - SOP/ITC/EW/056

REMARKS :N/A

*****End Of Report*****



V. Saini

Vikrant
14-03-2020
Reviewer

Saurabh Sharma

14-03-2020
Saurabh Sharma
[Authorized Signatory]

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Test Report

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Issued To Ambuja Cements Limited (Unit: Nalagarh) Village: Navagraon, Tehsil: Nalagarh, Distt. Solan Nalagarh	Sample Reg. No. :E01-2003090293 Sample Reg. Date :09-03-2020 Report Date :14-03-2020 Report No. :ICE-2003140549 NABL ULR No. :TC592620000002443F Customer Ref. No.: PO Letter Dated :30.01.2020
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Test Report as per

: EPA Act 1986/PCLS/2010,G.S.R.497(E) Dated :- 10.05.2016

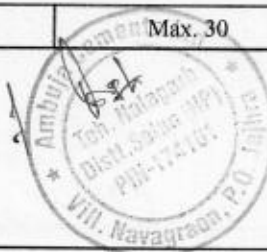
General Information

Name of the emission source monitored	: Process Stack
(a) Rated Capacity	: 240 Ton/hr
(b) Capacity on sampling day	: -do-
(c) Type of fuel used & its consumption	: Electricity
(d) Normal operating schedule	: 24 hrs
2. Stack Identification	: Stack attached to Process Stack (Packing Plant Bag Filter-1)
3.Type of Stack/Duct	: Metal
4.Stack Height from Ground Level(m)	: 31.6
Diameter of the Stack(cm)	: 100
(6) Sampling Duration(minutes)	: 71
Purpose of Monitoring	: To assess the pollution load
(8) Air Pollution control measure	: Bag Filter
(a) Status	: Working
(b) Recovery of Material	: -
(9) Fugitive Emission,if any	: Nil
Observations	
Flue Gas Temperature, °C,Avg.	: 23
Flue Gas Velocity(m/s),Avg.	: 7.31
Volumetric Flow Rate(Nm ³ /hr.)	: 20031.41
Ambient Air Temperature, °C	: 12

TEST RESULTS

S.No.	Test Parameter	Method	Requirement	Result
Test Details :				
1.	General Parameters			
a.	Particulate Matter,mg/Nm ³	IS:11255(P-1)	Max. 30	12

V. Saini
Vikrant
14-03-2020
Reviewer



Saurabh Sharma
14-03-2020
Saurabh Sharma
[Authorized Signatory]

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Issued To Ambuja Cements Limited (Unit: Nalagarh) Village: Navagraon, Tehsil: Nalagarh, Distt. Solan Nalagarh	Sample Reg. No. :E01-2003090293 Sample Reg. Date :09-03-2020 Report Date :14-03-2020 Report No. :ICE-2003140549 NABL ULR No. :TC592620000002443F Customer Ref. No.: PO Letter Dated :30.01.2020
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NOTE : NA- Not Applicable, Requirements as per EPA Act 1986/PCLS/2010,G.S.R.497(E) Dated :- 10.05.2016, Sample collected by lab rep. on dated 06.03.2020, Sampling Procedure as per - SOP/ITC/EW/056

REMARKS :N/A

*****End Of Report*****



V. Saini
Vikrant
14-03-2020
Reviewer

Saurabh
14-03-2020
Saurabh Sharma
[Authorized Signatory]

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Issued To Ambuja Cements Limited (Unit: Nalagarh) Village: Navagraon, Tehsil: Nalagarh, Distt. Solan Nalagarh	Sample Reg. No. :E01-2003090297 Sample Reg. Date :09-03-2020 Report Date :14-03-2020 Report No. :ICE-2003140567 NABL ULR No. :TC592620000002444F Customer Ref. No.: PO Letter Dated :30.01.2020
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Test Report as per	: NAAQS 2009
General Information	
Location of Sampling Point	: Station No.1 (Labour Hutment towards Jajhra)
Date of Monitoring	: 05-03-2020
Purpose of Monitoring	: To assess the pollution level
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.27
Volume of air sampled, m ³	: 1829.79
Avg. Ambient Temperature, °C	: 17

TEST RESULTS

Description

Description	Ambient Air Quality Monitoring
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S.No.	Test Parameter	Method	Requirement	Result
Test Details :				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	8
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	15
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	86
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	54
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ : 0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.1
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5-Max	BLQ(LOQ:1.0)

V. Saini
Vikrant
14-03-2020
Reviewer

[Signature]
Teh Nalagarh
Distt. Solan (HP)
PIN-174109
Vil. Navagraon, P.O. Jajhra

[Signature]

14-03-2020
Saurabh Sharma
[Authorized Signatory]

Disclaimer :

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Test Report

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Issued To Ambuja Cements Limited (Unit: Nalagarh) Village: Navagraon, Tehsil: Nalagarh, Distt. Solan Nalagarh		Sample Reg. No. :E01-2003090297 Sample Reg. Date :09-03-2020 Report Date :14-03-2020 Report No. :ICE-2003140567 NABL ULR No. :TC592620000002444F Customer Ref. No.: PO Letter Dated :30.01.2020		
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ (LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ : 1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ : 1.0)

represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure as per - SOP/ITC/EW/056

REMARKS :N/A

*****End Of Report*****



V. Saini
Vikrant
14-03-2020
Reviewer

Saurabh
14-03-2020
Saurabh Sharma
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
 (ISO 9001:2008 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)
 (A Government Approved Test House)
 86, Industrial Area, Phase-I, Panchkula-134109 (Haryana)
 Phone : (O) 0172-2561543, 2565825
 Visit us : www.itclabs.com Email : customer@itclabs.com

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Test Report

Document QF : 2501
Page 1 of 2

Issued To Ambuja Cements Limited (Unit: Nalagarh) Village: Navagraon, Tehsil: Nalagarh, Distt. Solan Nalagarh	Sample Reg. No. :E01-2003090298 Sample Reg. Date :09-03-2020 Report Date :14-03-2020 Report No. :ICE-2003140568 NABL ULR No. :TC592620000002431F Customer Ref. No.: PO Letter Dated :30.01.2020
---	--

Test Report as per : NAAQS 2009

General Information

Location of Sampling Point	: Station No.2 (Rain Water Harvesting)
Date of Monitoring	: 05-03-2020
Purpose of Monitoring	: To assess the pollution level
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.25
Volume of air sampled, m ³	: 1800.98
Avg. Ambient Temperature, °C	: 17

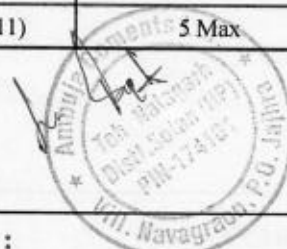
TEST RESULTS

Description

Description	Ambient Air Quality Monitoring
-------------	--------------------------------

S.No.	Test Parameter	Method	Requirement	Result
Test Details :				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	7
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	13
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	68
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	45
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ : 0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.3
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ(LOQ:1.0)

V Saini
Vikrant
14-03-2020
Reviewer



Saurabh
14-03-2020
Saurabh Sharma
[Authorized Signatory]

Disclaimer :

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- If sample is not consumed during analysis, it will be stored as per SOP of controlled

3/12

Test Report

Document QF : 2501

Page 2 of 2

Issued To Ambuja Cements Limited (Unit: Nalagarh) Village: Navagraon, Tehsil: Nalagarh, Distt. Solan Nalagarh		Sample Reg. No. :E01-2003090298 Sample Reg. Date :09-03-2020 Report Date :14-03-2020 Report No. :ICE-2003140568 NABL ULR No. :TC592620000002431F Customer Ref. No.: PO Letter Dated :30.01.2020		
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ (LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ : 1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ : 1.0)

represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure as per - SOP/ITC/EW/056

REMARKS :N/A

*****End Of Report*****



V. Saini

Vikrant
14-03-2020
Reviewer

Saurabh

14-03-2020
Saurabh Sharma
[Authorized Signatory]

Disclaimer :

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- If sample is not consumed during analysis it will be stored...

4/12

Test Report

Document QF : 2501
Page 1 of 2

Issued To Ambuja Cements Limited (Unit: Nalagarh) Village: Navagraon, Tehsil: Nalagarh, Distt. Solan Nalagarh	Sample Reg. No. :E01-2003090296 Sample Reg. Date :09-03-2020 Report Date :14-03-2020 Report No. :ICE-2003140566 NABL ULR No. :TC592620000002434F Customer Ref. No.: PO Letter Dated :30.01.2020
---	--

Test Report as per	: NAAQS 2009
General Information Location of Sampling Point Date of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m3/min Volume of air sampled, m3 Avg. Ambient Temperature, °C	Station No. 3 : Admin Building : 05-03-2020 : To assess the pollution level : 1440 : 1.28 : 1844.20 : 17

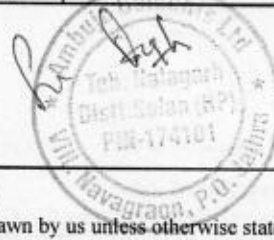
TEST RESULTS

Description

Description	Ambient Air Quality Monitoring
-------------	--------------------------------

S.No.	Test Parameter	Method	Requirement	Result
Test Details :				
I.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	8
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	12
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	74
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	42
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ : 0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ(LOQ:1.0)

V. Saini
Vikrant
14-03-2020
Reviewer



Saurabh
14-03-2020
Saurabh Sharma
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 2 of 2

Issued To Ambuja Cements Limited (Unit: Nalagarh) Village: Navagraon, Tehsil: Nalagarh, Distt. Solan Nalagarh	Sample Reg. No. :E01-2003090296 Sample Reg. Date :09-03-2020 Report Date :14-03-2020 Report No. :ICE-2003140566 NABL ULR No. :TC592620000002434F Customer Ref. No.: PO Letter Dated :30.01.2020
---	--

j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ (LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ : 1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ : 1.0)

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure as per - SOP/ITC/EW/056

REMARKS :N/A

*****End Of Report*****



V. Saini

Vikrant
14-03-2020
Reviewer

Saurabh

14-03-2020
Saurabh Sharma
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 1 of 2

Issued To Ambuja Cements Limited (Unit: Nalagarh) Village: Navagraon, Tehsil: Nalagarh, Distt. Solan Nalagarh	Sample Reg. No. :E01-2003090299 Sample Reg. Date :09-03-2020 Report Date :14-03-2020 Report No. :ICE-2003140569 NABL ULR No. :TC592620000002427F Customer Ref. No.: PO Letter Dated :30.01.2020
---	--

Test Report as per : NAAQS 2009

General Information	
Location of Sampling Point	: Station No.4 (Roof Top of Guest House)
Date of Monitoring	: 05-03-2020
Purpose of Monitoring	: To assess the pollution level
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.30
Volume of air sampled, m ³	: 1873.02
Avg. Ambient Temperature, °C	: 17

TEST RESULTS

Description	
Description	Ambient Air Quality Monitoring

S.No.	Test Parameter	Method	Requirement	Result
Test Details :				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	7
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	14
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	68
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	40
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ : 0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.4
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ(LOQ:1.0)

V. Saini
Vikrant
14-03-2020
Reviewer



Saurabh

14-03-2020
Saurabh Sharma
[Authorized Signatory]

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7/12

Test Report

Document QF : 2501

Page 2 of 2

Issued To Ambuja Cements Limited (Unit: Nalagarh) Village: Navagraon, Tehsil: Nalagarh, Distt. Solan Nalagarh	Sample Reg. No. :E01-2003090299 Sample Reg. Date :09-03-2020 Report Date :14-03-2020 Report No. :ICE-2003140569 NABL ULR No. :TC592620000002427F Customer Ref. No.: PO Letter Dated :30.01.2020
---	--

j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ (LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ : 1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ : 1.0)

"# represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure as per - SOP/ITC/EW/056

REMARKS :N/A

*****End Of Report*****

V. Saini
Vikrant
14-03-2020
Reviewer

Saurabh Sharma
14-03-2020
Saurabh Sharma
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 1 of 2

Issued To Ambuja Cements Limited (Unit: Nalagarh) Village: Navagraon, Tehsil: Nalagarh, Distt. Solan Nalagarh	Sample Reg. No. :E01-2003090300 Sample Reg. Date :09-03-2020 Report Date :14-03-2020 Report No. :ICE-2003140570 NABL ULR No. :TC592620000002426F Customer Ref. No.: PO Letter Dated :30.01.2020
---	--

Test Report as per	: NAAQS 2009
General Information	
Location of Sampling Point	: Station No.5 (Near Nursery towards Pater Phaloo)
Date of Monitoring	: 05-03-2020
Purpose of Monitoring	: To assess the pollution level
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.27
Volume of air sampled, m ³	: 1829.79
Avg. Ambient Temperature, °C	: 17

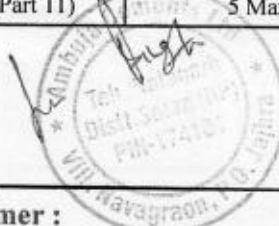
TEST RESULTS

Description

Description	Ambient Air Quality Monitoring
-------------	--------------------------------

S.No.	Test Parameter	Method	Requirement	Result
Test Details :				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	9
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	16
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	92
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	54
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ : 0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.4
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ(LOQ:1.0)

V. Saini
Vikrant
14-03-2020
Reviewer



Saurabh Sharma
14-03-2020
Saurabh Sharma
[Authorized Signatory]

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9/12

Test Report

Document QF : 2501

Page 2 of 2

Issued To	Ambuja Cements Limited (Unit: Nalagarh) Village: Navagraon, Tehsil: Nalagarh, Distt. Solan Nalagarh	Sample Reg. No. :E01-2003090300	Sample Reg. Date :09-03-2020	Report Date :14-03-2020	Report No. :ICE-2003140570	NABL ULR No. :TC592620000002426F	Customer Ref. No.: PO	Letter Dated :30.01.2020
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j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ (LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ : 1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ : 1.0)

represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure as per - SOP/ITC/EW/056

REMARKS :N/A

*****End Of Report*****

V. Saini

Vikrant
14-03-2020
Reviewer

Saurabh

14-03-2020
Saurabh Sharma
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 1 of 2

Issued To Ambuja Cements Limited (Unit: Nalagarh) Village: Navagraon, Tehsil: Nalagarh, Distt. Solan Nalagarh	Sample Reg. No. :E01-2003090301 Sample Reg. Date :09-03-2020 Report Date :14-03-2020 Report No. :ICE-2003140571 NABL ULR No. :TC592620000002425F Customer Ref. No.: PO Letter Dated :30.01.2020
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Test Report as per	: NAAQS 2009
---------------------------	--------------

General Information	
Location of Sampling Point	: Station No.6 (STP towards Ratyor)
Date of Monitoring	: 05-03-2020
Purpose of Monitoring	: To assess the pollution level
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.32
Volume of air sampled, m ³	: 1901.83
Avg. Ambient Temperature, °C	: 17

TEST RESULTS

Description	
Description	Ambient Air Quality Monitoring

S.No.	Test Parameter	Method	Requirement	Result
Test Details :				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	6
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	13
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	70
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	45
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ : 0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.5
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ(LOQ:1.0)

V. Saini
Vikrant
14-03-2020
Reviewer



Saurabh
14-03-2020
Saurabh Sharma
[Authorized Signatory]

Disclaimer :

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Test Report

Document QF : 2501
Page 2 of 2

Issued To Ambuja Cements Limited (Unit: Nalagarh) Village: Navagraon, Tehsil: Nalagarh, Distt. Solan Nalagarh	Sample Reg. No. : E01-2003090301 Sample Reg. Date : 09-03-2020 Report Date : 14-03-2020 Report No. : ICE-2003140571 NABL ULR No. : TC592620000002425F Customer Ref. No.: PO Letter Dated : 30.01.2020
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j.	Benzo (a) Pyrene Particulate Phase only, ng/m3	IS 5182: (Part 12)	1 Max	BLQ (LOQ:0.5)
k.	Arsenic(as As), ng/m3	Method of Air sampling & Analysis (Method No. 822)	6 Max.	BLQ (LOQ : 1.0)
l.	Nickel (As Ni), ng/m3	Method of Air sampling & Analysis (Method No. 822)	20 Max.	BLQ (LOQ : 1.0)

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure as per - SOP/ITC/EW/056

REMARKS : N/A

*****End Of Report*****



V. Saini
Vikrant
14-03-2020
Reviewer

Saurabh Sharma
14-03-2020
Saurabh Sharma
[Authorized Signatory]

Disclaimer :

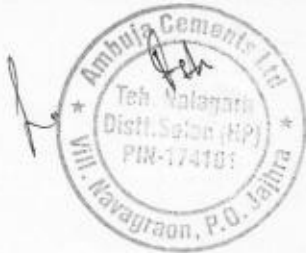
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12/12

Annexure - 3

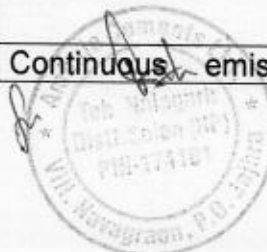
**AMBUJA CEMENTS LIMITED (UNIT - NALAGARH)
PLANTATION DATA UPTO MARCH 2020**

Month	Trees planted	Shrubs planted
Upto December 2010	1640	8968
January to December 2011	1161	18895
January to December 2012	929	2835
January to December 2013	570	2380
January to December 2014	596	636
January to December 2015	582	257
January to December 2016	570	330
January to December 2017	349	257
January to December 2018	500	0
January 2019	0	0
February 2019	0	0
March 2019	0	0
April 2019	0	0
May 2019	0	0
June 2019	50	0
July 2019	51	500
August 2019	200	1000
September 2019	100	200
October 2019	10	300
November 2019	3	220
December 2019	0	30
January 2020	0	0
February 2020	20	150
March 2020	0	0
Total	7331	36958



**Compliance of Conditions of CREP recommendations
Ambuja Cements Limited Village Navagraon - Nalagarh (H.P.)**

Sl. No.	Recommendation	Compliance Status
1	Cement Plants, which are not complying with notified standards, shall do the following to meet the standards; Augmentation of existing Air Pollution Control Devices - by July 2003. Replacement of existing Air Pollution Control Devices - by July 2004	Unit is already meeting the notified emission standards.
2	Cement Plants located in critically polluted or urban areas (including 5 km distance outside urban boundary) will meet 100mg/ Nm ³ limit or particulate matter by December 2004 and continue working to reduce the emission of particulate matter to 50 mg/Nm ³ .	Emission level is maintained below 30 mg/Nm ³
3	The new cement kilns to be accorded NOC/Environmental Clearance w.e.f 1.04.2003 will meet the limit of 50 mg/Nm ³ for particulate matter emissions.	Not Applicable as there is a Standalone Grinding Unit.
4	CPCB will evolve load based standards by December 2003.	No load based standard for cement industry particularly applicable to grinding unit has been evolved
5	CPCB and NCBM will evolve SO ₂ and NO _x emission standards by June 2004.	Not Applicable as this is a standalone Grinding Unit.
6	The Cement industries will control fugitive emissions from all the raw material and products storage and transfer points by December 2003. However, the feasibility for the control of fugitive emissions from limestone and coal storage areas will be decided by the National Task Force (NTF). The NTF shall submit its recommendations within three months.	All the material transfer points are equipped with Bag Filters. Raw materials are stored in covered areas. Maximum area inside plant is either covered with Greenery or it has been concreted to prevent fugitive emission.
7	CPCB, NCBM, BIS and Oil refineries will jointly prepare the policy on use of petroleum cokes as fuel in cement kiln by July 2003.	Not Applicable as this is a standalone Grinding Unit.
8	After performance evaluation of various	Continuous emission monitoring



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



Test Report

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Page 1 of 1

Issued To Ambuja Cements Limited (Unit: Nalagarh) Village: Navagraon, Tehsil: Nalagarh, Distt. Solan Nalagarh	Sample Reg. No. : E01-2003090302 Sample Reg. Date : 09-03-2020 Report Date : 16-03-2020 Report No. : ICE-2003160635 NABL ULR No. : TC592620000002449F Customer Ref. No. : PO Letter Dated : 30.01.2020
---	---

Test Report as per	: NA
General Information Location of Sampling Point : Packing Floor Date of Monitoring : 06-03-2020 Purpose of Monitoring : For Self Monitoring Duration of Monitoring, minutes : 480 Avg. Flow Rate of Sampling, LPM : 1.33 Volume of Air Sampled, Ltr : 649.95 Avg. Ambient Temperature, °C : 12	

TEST RESULTS

Description

Description	Work Zone Air (Fugitive Emission)
-------------	-----------------------------------

S.No.	Test Parameter	Method	Requirement	Result
Test Details :				
1.	General Parameters			
a.	Suspended Particulate Matter, µg/m ³	IS 5182: (Part 4) , 1999 RA: 2014	Not Specified	1268

'W' represents Customer Defined Fields

NOTE : NA- Not Applicable, Sampling Procedure - SOP/ITC/EW/056

REMARKS : N/A

*****End Of Report*****



Saurabh Sharma
Saurabh Sharma
16-03-2020
Reviewer

Prem Kumar
16-03-2020
Prem Kumar
[Authorized Signatory]

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Test Report

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Page 1 of 1

Issued To

Ambuja Cements Limited (Unit: Nalagarh)
Village: Navagraon, Tehsil: Nalagarh, Distt. Solan
Nalagarh

Sample Reg. No. :E01-2003090303
Sample Reg. Date :09-03-2020
Report Date :16-03-2020
Report No. :ICE-2003160636
NABL ULR No. :TC592620000002450F
Customer Ref. No.:PO
Letter Dated :30.01.2020

Test Report as per

: NA

General Information

Location of Sampling Point : Loading Floor
Date of Monitoring : 06-03-2020
Purpose of Monitoring : For Self Monitoring
Duration of Monitoring, minutes : 480
Avg. Flow Rate of Sampling, LPM : 1.29
Volume of Air Sampled, Ltr : 630.41
Avg. Ambient Temperature, °C : 12

TEST RESULTS

Description

Description : Work Zone Air (Fugitive Emission)

S.No.	Test Parameter	Method	Requirement	Result
Test Details :				
1.	General Parameters			
a.	Suspended Particulate Matter, µg/m ³	IS 5182: (Part 4), 1999 RA: 2014	Not Specified	1140

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

*****End Of Report*****

Saurabh Sharma
16-03-2020
Reviewer

16-03-2020
Prem Kumar
[Authorized Signatory]

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Test Report

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Issued To Ambuja Cements Limited (Unit: Nalagarh) Village: Navagraon, Tehsil: Nalagarh, Distt. Solan Nalagarh	Sample Reg. No. :E01-2003090305 Sample Reg. Date :09-03-2020 Report Date :16-03-2020 Report No. :ICE-2003160637 NABL ULR No. :TC592620000002452F Customer Ref. No.: PO Letter Dated :30.01.2020
---	--

Test Report as per : Schedule 2nd of Factory Act-1948

General Information

Location of Sampling Point	: Loader (Operator)
Date of Monitoring	: 05-03-2020
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 480
Avg. Flow Rate of Sampling, LPM	: 0.5
Volume of Air Sampled, Ltr	: 237.67
Avg. Ambient Temperature, °C	: 20

TEST RESULTS

Description

Description	Work Zone Air Quality Monitoring
-------------	----------------------------------

S.No.	Test Parameter	Method	Requirement	Result
Test Details :				
1.	General Parameters			
a.	Suspended Particulate Matter, mg/m ³	IS 5182: (Part 4) , 1999 RA: 2014	10 Max.	3.52
b.	Sulphur Dioxide(SO ₂), mg/m ³	IS:5182(P-2)	5 Max.	0.011
c.	Oxides of Nitrogen(As NO ₂), mg/m ³	IS:5182(P-6)	6 Max.	0.018
d.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	55 Max.	1.2

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, Requirements as per Schedule 2nd of Factory Act-1948, Sampling Procedure - SOP/ITC/EW/056

REMARKS : N/A

Saurabh Sharma
16-03-2020
Reviewer



16-03-2020
Prem Kumar
[Authorized Signatory]

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1/8

Test Report

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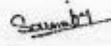
Issued To

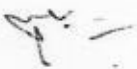
Ambuja Cements Limited (Unit: Nalagarh)
Village: Navagraon, Tehsil: Nalagarh, Distt. Solan
Nalagarh

Sample Reg. No. :E01-2003090305
Sample Reg. Date :09-03-2020
Report Date :16-03-2020
Report No. :ICE-2003160637
NABL ULR No. :TC592620000002452F
Customer Ref. No.:PO
Letter Dated :30.01.2020

*****End Of Report*****




Saurabh Sharma
16-03-2020
Reviewer


16-03-2020
Prem Kumar
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 1 of 2

Issued To Ambuja Cements Limited (Unit: Nalagarh) Village: Navagraon, Tehsil: Nalagarh, Distt. Solan Nalagarh	Sample Reg. No. :E01-2003090307 Sample Reg. Date :09-03-2020 Report Date :16-03-2020 Report No. :ICE-2003160638 NABL ULR No. :TC592620000002454F Customer Ref. No.: PO Letter Dated :30.01.2020
---	--

Test Report as per	: Schedule 2nd of Factory Act-1948
General Information Location of Sampling Point : Gypsum Feeding (Operator) Date of Monitoring : 06-03-2020 Purpose of Monitoring : For Self Monitoring Duration of Monitoring, minutes : 480 Avg. Flow Rate of Sampling, LPM : 0.5 Volume of Air Sampled, Ltr : 244.34 Avg. Ambient Temperature, °C : 12	

TEST RESULTS				
Description				
Description	Work Zone Air Quality Monitoring			
S.No.	Test Parameter	Method	Requirement	Result
Test Details :				
1.	General Parameters			
a.	Suspended Particulate Matter,mg/m3	IS 5182: (Part 4) , 1999 RA: 2014	10 Max.	3.75
b.	Sulphur Dioxide(SO ₂),mg/m3	IS:5182(P-2)	5 Max.	0.013
c.	Oxides of Nitrogen(As NO ₂),mg/m3	IS:5182(P-6)	6 Max.	0.020
d.	Carbon Monoxide(CO),mg/m3	IS:5182(P-10)	55 Max.	1.4

represents Customer Defined Fields

NOTE : NA- Not Applicable, Requirements as per Schedule 2nd of Factory Act-1948, Sampling Procedure - SOP/ITC/EW/056

REMARKS : N/A



Saurabh Sharma
Saurabh Sharma
16-03-2020
Reviewer

Prem Kumar
16-03-2020
Prem Kumar
[Authorized Signatory]

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- If sample is not consumed during analysis, it will be stored as per SOP of controlled

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Test Report

Document QF : 2501

Page 2 of 2

Issued To Ambuja Cements Limited (Unit: Nalagarh) Village: Navagraon, Tehsil: Nalagarh, Distt. Solan Nalagarh	Sample Reg. No. :E01-2003090307 Sample Reg. Date :09-03-2020 Report Date :16-03-2020 Report No. :ICE-2003160638 NABL ULR No. :TC592620000002454F Customer Ref. No.: PO Letter Dated :30.01.2020
---	--

*****End Of Report*****



Saurabh Sharma
16-03-2020
Reviewer

16-03-2020
Prem Kumar
[Authorized Signatory]

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- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis it will be returned to the customer.

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Test Report

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Page 1 of 2

Issued To Ambuja Cements Limited (Unit: Nalagarh) Village: Navagraon, Tehsil: Nalagarh, Distt. Solan Nalagarh	Sample Reg. No. :E01-2003090306 Sample Reg. Date :09-03-2020 Report Date :16-03-2020 Report No. :ICE-2003160641 NABL ULR No. :TC592620000002453F Customer Ref. No.: PO Letter Dated :06.03.2020
---	--

Test Report as per	: Schedule 2nd of Factory Act-1948
---------------------------	------------------------------------

General Information	
Location of Sampling Point	: Location: Material Gate (Security Person)
Date of Monitoring	: 06-03-2020
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 480
Avg. Flow Rate of Sampling, LPM	: 0.5
Volume of Air Sampled, Ltr	: 244.34
Avg. Ambient Temperature, °C	: 12

TEST RESULTS

Description	
Description	Work Zone Air Quality Monitoring

S.No.	Test Parameter	Method	Requirement	Result
Test Details :				
1.	General Parameters			
a.	Suspended Particulate Matter, mg/m ³	IS 5182: (Part 4) , 1999 RA: 2014	10 Max.	3.90
b.	Sulphur Dioxide(SO ₂), mg/m ³	IS:5182(P-2)	5 Max.	0.018
c.	Oxides of Nitrogen(As NO ₂), mg/m ³	IS:5182(P-6)	6 Max.	0.022
d.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	55 Max.	1.5

represents Customer Defined Fields

NOTE : NA- Not Applicable, Requirements as per Schedule 2nd of Factory Act-1948, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A



Saurabh
 Saurabh Sharma
 16-03-2020
 Reviewer

Prem Kumar
 16-03-2020
 Prem Kumar
 [Authorized Signatory]

Disclaimer :

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- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis it will be stored as per SOP of controlled.

5/8

Test Report

Document QF : 2501
Page 2 of 2

Issued To	Sample Reg. No. :E01-2003090306
Ambuja Cements Limited (Unit: Nalagarh) Village: Navagraon, Tehsil: Nalagarh, Distt. Solan Nalagarh	Sample Reg. Date :09-03-2020
	Report Date :16-03-2020
	Report No. :ICE-2003160641
	NABL ULR No. :TC592620000002453F
	Customer Ref. No.: PO
	Letter Dated :06.03.2020

*****End Of Report*****



Saurabh
Saurabh Sharma
16-03-2020
Reviewer

Prem Kumar
16-03-2020
Prem Kumar
[Authorized Signatory]

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- If sample is not consumed during analysis it will be stored as per SOP.

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Test Report

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Page 1 of 2

Issued To Ambuja Cements Limited (Unit: Nalagarh) Village: Navagraon, Tehsil: Nalagarh, Distt. Solan Nalagarh	Sample Reg. No. :E01-2003090304 Sample Reg. Date :09-03-2020 Report Date :16-03-2020 Report No. :ICE-2003160640 NABL ULR No. :TC592620000002451F Customer Ref. No. :PO Letter Dated :30.01.2020
---	--

Test Report as per : Schedule 2nd of Factory Act-1948

General Information

Location of Sampling Point	: Packer (Operator)
Date of Monitoring	: 05-03-2020
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 480
Avg. Flow Rate of Sampling, LPM	: 0.5
Volume of Air Sampled, Ltr	: 237.67
Avg. Ambient Temperature, °C	: 20

TEST RESULTS

Description

Description	Work Zone Air Quality Monitoring
-------------	----------------------------------

S.No.	Test Parameter	Method	Requirement	Result
Test Details :				
1.	General Parameters			
a.	Suspended Particulate Matter, mg/m ³	IS 5182: (Part 4) , 1999 RA: 2014	10 Max.	4.4
b.	Sulphur Dioxide(SO ₂), mg/m ³	IS:5182(P-2)	5 Max.	0.010
c.	Oxides of Nitrogen(As NO ₂), mg/m ³	IS:5182(P-6)	6 Max.	0.024
d.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	55 Max.	1.3

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, Requirements as per Schedule 2nd of Factory Act-1948, Sampling Procedure - SOP/ITC/EW/056

REMARKS : N/A



Saurabh Sharma
16-03-2020
Reviewer

16-03-2020
Prem Kumar
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 2 of 2

Issued To	Sample Reg. No. :E01-2003090304
Ambuja Cements Limited (Unit: Nalagarh) Village: Navagraon, Tehsil: Nalagarh, Distt. Solan Nalagarh	Sample Reg. Date :09-03-2020
	Report Date :16-03-2020
	Report No. :ICE-2003160640
	NABL ULR No. :TC592620000002451F
	Customer Ref. No.: PO
	Letter Dated :30.01.2020

*****End Of Report*****



Saurabh
Saurabh Sharma
16-03-2020
Reviewer

Prem
16-03-2020
PremKumar
[Authorized Signatory]

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8/8

Test Report

Document QF : 2501

Page 1 of 2

Issued To Ambuja Cements Limited (Unit: Nalagarh) Village: Navagraon, Tehsil: Nalagarh, Distt. Solan Nalagarh	Sample Reg. No. : E01-2003090308 Sample Reg. Date : 09-03-2020 Report Date : 14-03-2020 Report No. : ICE-2003140586 NABL ULR No. : TC592620000002424F Customer Ref. No.: PO Letter Dated : 30.01.2020
---	--

Test Report as per	: EPA Act 1986/PCLS/2010
General Information Name of Sample : Ambient Noise Date of Monitoring : 05-03-2020 Time of Monitoring : Day & Night Nature of Industry : Mfg. of Cement Purpose of Monitoring : To assess the noise level	

TEST RESULTS

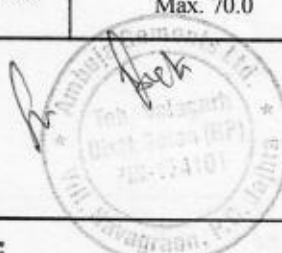
Description

Description	Noise Monitoring
-------------	------------------

S.No.	Test Parameter	Method	Requirement	Result
Test Details :				
1.	Location Name			
a.	Near Material Gate (Day Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 75.0	63.3
b.	Near Material Gate (Night Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 70.0	40.6
c.	Near Admin Building (Day Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 75.0	59.4
d.	Near Admin Building (Night Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 70.0	41.4
e.	Near Scrap Yard (Day Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 75.0	57.4
f.	Near Scrap Yard (Night Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 70.0	40.6
g.	Near STP on Road (Day Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 75.0	56.6
h.	Near STP on Road (Night Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 70.0	43.5

V Saini

Vikrant
14-03-2020
Reviewer



Saurabh

14-03-2020
Saurabh Sharma
[Authorized Signatory]

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1/2

Test Report

Document QF : 2501

Page 2 of 2

Issued To Ambuja Cements Limited (Unit: Nalagarh) Village: Navagraon, Tehsil: Nalagarh, Distt. Solan Nalagarh	Sample Reg. No. :E01-2003090308 Sample Reg. Date :09-03-2020 Report Date :14-03-2020 Report No. :ICE-2003140586 NABL ULR No. :TC592620000002424F Customer Ref. No.: PO Letter Dated :30.01.2020
---	--

i.	Near MPSS Building (Day Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 75.0	55.5
j.	Near MPSS Building (Night Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 70.0	40.5
k.	In front of DG (Day Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 75.0	56.5
l.	In front of DG (Night Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 70.0	43.3
m.	Near Bore Well Dispensary (Day Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 75.0	58.6
n.	Near Bore Well Dispensary (Night Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 70.0	41.3
o.	Near Store Building (Day Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 75.0	60.7
p.	Near Store Building (Night Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 70.0	44.7
q.	Near Weigh Bridge (Day Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 75.0	60.8
r.	Near Weigh Bridge (Night Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 70.0	41.7
s.	Near Rain Water Harvesting Structure (Day Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 75.0	52.0
t.	Near Rain Water Harvesting Structure (Night Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 70.0	40.7

represents Customer Defined Fields

NOTE : NA- Not Applicable, Requirements as per EPA Act 1986/PCLS/2010, Day Time - 06 :00 Hrs To 22 :00 Hrs, Night Time - 22 :00 Hrs To 06 :00 Hrs, Sampling Procedure as per - SOP/ITC/EW/056

REMARKS :N/A

*****End Of Report*****

V. Saini
Vikrant
14-03-2020
Reviewer



Saurabh

14-03-2020

Saurabh Sharma

[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
 (ISO 9001:2008 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)
 (A Government Approved Test House)
 86, Industrial Area, Phase-I, Panchkula-134109 (Haryana)
 Phone : (O) 0172-2561543, 2565825
 Visit us : www.itclabs.com Email : customer@itclabs.com

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Annexure-7

AMBUJA CEMENTS LIMITED (UNIT - NALAGARH)

CEMENT PRODUCTION DATA FROM OCTOBER 2019 to MARCH 2020

MONTH	CEMENT PRODUCTION (METRIC TONNES)
OCTOBER 2019	78537
NOVEMBER 2019	80000
DECEMBER 2019	106654
JANUARY 2020	93950
FEBRUARY 2020	79331
MARCH 2020	63104
TOTAL	501576



MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE**NOTIFICATION**

New Delhi, the 17th October, 2019

S.O. 3744(E).—In exercise of the powers conferred by clause (b) of sub-section (1) of section 12 and section 13 of the Environment (Protection) Act, 1986 (29 of 1986), read with rule 10 of the Environment (Protection) Rules, 1986, the Central Government hereby makes the following further amendments in the notification of the Government of India in the erstwhile Ministry of Environment and Forests, *vide* number S.O. 1174(E), dated the 18th July, 2007, namely: -

in the said notification, in the table, -

- (i) for serial numbers 3, 6, 27, 32, 33, 35, 37, 44, 49, 50, 55, 58, 65, 66, 97, 98, 105, 107, 108, 110 and 112 the entries relating thereto, the following serial numbers and entries shall be substituted, namely: -

(1)	(2)	(3)	(4)
"3"	M/s Bhagavathi Ana Labs Pvt. Ltd. 7-2-C7, 8/4 & 14, Industrial Estate, Sanath Nagar, Hyderabad-500018, Telangana	(i) Mr. M.V. Raghavacharyulu (ii) Ms. B. Radha Kumari	17 th October, 2019 To 16 th October, 2024"
"6"	M/s Jeedimetla Effluent Treatment Ltd. Plot No. 267, Phase-I, IDA-Jeedimetla, Hyderabad-500025, Telangana	(i) Mr. I. Srinivasa Rao (ii) Mr. K. Venkata Subbareddy (iii) Mr. Ch. Satish	17 th October, 2019 To 16 th October, 2024"
"27"	M/s Startech Labs Pvt. Ltd. H. No. 1-58/7, 2 nd Floor, S.M.R Chambers, Madinaguda, Hyderabad-500050, Telangana	(i) Dr. Upendra M. Tripathi (ii) Mr. Godavārthi Rambabu (iii) Ms. I. Annapurna	17 th October, 2019 To 16 th October, 2024"
"32"	M/s Enviro-International Plot No. 138-139, Udyog Kendrall Extn., Eco Tech-III, Greater Noida, G.B. Nagar-201306, Uttar Pradesh	(i) Dr. Vipul Kumar (ii) Mr. Ravinder Pal Marwah (iii) Mrs. Manisha Srivastav	17 th October, 2019 To 16 th October, 2024"
"33"	M/s Shriram Institute for Industrial Research (A unit of Shriram Scientific and Industrial Research Foundation) 19 University Road, Delhi-110007	(i) Dr. V.K. Verma (ii) Dr. Jagdish Kumar (iii) Dr. Mukesh Garg	17 th October, 2019 To 16 th October, 2024"
"35"	M/s SGS India Pvt. Ltd. CS Plot No. 512(P), Mouza-Hanspukuria, Diamond Harbour Road, PO- Joka, Dist-South 24 Parganas, Kolkata-700104, West Bengal	(i) Mr. Satya Charan Manna (ii) Mr. Monaj Roy (iii) Mr. Sumallya Bhattacharjee	17 th October, 2019 To 16 th October, 2024"
"37"	M/s Netel (India) Limited. W-408, Rabale MIDC, TTC Industrial Area, Navi Mumabi-400701, Maharashtra	(i) Mrs. Shraddha Sriram Kere (ii) Ms. Neelima Dhonduram Dalvi (iii) Ms. Surekha Sitaram Jamdar	17 th October, 2019 To 16 th October, 2024"
"44"	M/s Pragathi Labs & Consultants Pvt. Ltd. Plot No. B15 & 16, Industrial Estate, Behind Pollution Control Board, Sanath Nagar, Hyderabad-500018, Telangana	(i) Dr. Madala Ravi Kiran (ii) Mr. Kambhampati Sreedhar (iii) Mr. I. Rama Murthy	17 th October, 2019 To 16 th October, 2024"
"49"	M/s Padmaja Aerobiologicals Pvt. Ltd. "Nandan", Plot No. 36, Sector-24, Near Bank of India, Turbhe, Navi Mumbai-400705, Maharashtra	(i) Dr. Nandkishor T. Joshi (ii) Mr. Kishor P. Potekar (iii) Mr. Ramdas B. Chaudhari	17 th October, 2019 To 16 th October, 2024"
"50"	M/s Shiva Test House 1 st Floor, Rajhans Niketan, Near Canal, Rukunpura, Bailey Road, Patna-800014, Bihar	(i) Dr. Shibeswar Prasad (ii) Dr. (Mrs.) Shreyasee Prasad	17 th October, 2019 To 16 th October, 2024"
"55"	M/s Anacon Laboratories Pvt. Ltd. FP-34, 35 Food Park, 5 Star Industrial Estate, Butibori, Nagpur-441122, Maharashtra	(i) Dr. Dattatraya Gajanan Garway (ii) Dr. (Mrs.) Sugandha Dattatraya Garway (iii) Mrs. Kavita Sanjay Saygaonkar	17 th October, 2019 To 16 th October, 2024"

✓ "58	M/s Interstellar Testing Centre Private Limited Plot No. 86, Industrial Area, Phase-I, Panchkula- 134109, Haryana	(i) Dr. Parkash Kaur (ii) Mr. Prem Kumar (iii) Mr. Gaurav Goyal	17 th October, 2019 To 16 th October, 2024"
"65	M/s Enviroidesigns Eco Labs Eco Tower, Janatha Jn. Palarivattom, Kochi- 682025, Kerala	(i) Dr. K.L. Anthony (ii) Mrs. Susan Abraham (iii) Ms. Jesty M.T	17 th October, 2019 To 16 th October, 2024"
"66	M/s J.M. Envirolab Pvt. Ltd. 424, Ground Floor, Udyog Vihar, Phase-IV, Gurugram, Haryana- 122015	(i) Mr. Surendra Yadav (ii) Mr. Raj Kumar Yadav (iii) Mr. Ghanshyam Yadav	17 th October, 2019 To 16 th October, 2024"
"97	M/s Min Mec R&D Laboratory A-121, Paryavaran Complex, IGNOU Road, New Delhi-110030	(i) Mr. B.D. Sharma (ii) Dr. Marisha Sharma (iii) Ms. Rashmi Gupta	17 th October, 2019 To 16 th October, 2024"
"98	M/s Bhagwati Enviro Care Pvt. Ltd. 28,29 & 30, Parmeshwar Estate-II, Opp. AMCO Bank, Phase-I, GIDC Estate, Vatva, Ahmedabad-382445 Gujarat	(i) Mr. Shailesh Patel (ii) Mr. Mahesh Oza	17 th October, 2019 To 16 th October, 2024"
"105	M/s Aavanira Biotech (P) Ltd. Kinetic Innovaon Park, D-1 Block, Plot No. 18/1 Part, MIDC Chinchwad, Pune-411019, Maharashtra	(i) Dr. Bikash Ajit Aich (ii) Ms. Sarita Jayant Upadhye (iii) Dr. Neeta Hiten Zatakia	17 th October, 2019 To 16 th October, 2024"
"107	M/s EMTRC Consultants Pvt. Ltd. F-66, Road No.2, Phase-1, Masuri Gulawthi Road, UPSIDC Industrial Area, Ghaziabad- 201009, Uttar Pradesh	(i) Mr. Jayanta Kumar Moitra (ii) Mr. Mukesh Kumar (iii) Mr. Om Prakash Singh	17 th October, 2019 To 16 th October, 2024"
"108	M/s Visiontek Consultancy Pvt. Ltd. Plot M22 & M23, Chandaka Industrial Estate, Patia, Bhubaneswar-751024, Odisha	(i) Mr. B.K. Mishra (ii) Ms. Puja Mohanty (iii) Mrs. Chanchala Pattanaik	17 th October, 2019 To 16 th October, 2024"
"110	M/s SMS Labs Services Private Limited No. 39/6, Thiruvallur High Road, Puduchatram Post, Thirumazhisai (Via), Poonamallee TK, Chennai-600124, Tamil Nadu	(i) Dr. K. Thulasi Raman (ii) Mr. K. Elakkiyathanan (iii) Mr. R. Iyappan	17 th October, 2019 To 16 th October, 2024"
"112	M/s Bureau Veritas (India) Pvt. Ltd., No.F-2, Thiru Vi Ka Industrial Estate, Phase-III, Ekkattuthangal Guindy, Chennai-600032, Tamil Nadu	(i) Mr. K. Hari Chandra Prasad (ii) Mr. M. Ramesh (iii) Mr. M. Shanthi	17 th October, 2019 To 16 th October, 2024"

(ii) after serial number 178 and the entries relating thereto, the following serial numbers and entries shall be inserted, namely: -

(1)	(2)	(3)	(4)
"179	M/s Agss Analytical and Research Lab Pvt. Ltd. C-37/2, Lawrence Road Industrial Area, Delhi-110035	(i) Dr. Shivilal Singh (ii) Mr. Jaswant Ray (iii) Mr. Lalit Kumar Agarwal	17 th October, 2019 To 16 th October, 2024
180	M/s Alpha Test House 198-199, M.I.E, Phase-I, Bahadurgarh- 124507, Haryana	(i) Mr. Vivek Tyagi (ii) Mr. Anup Singh (iii) Ms. Pratibha Rawat	17 th October, 2019 To 16 th October, 2024
181	M/s Avantha Centre for Industrial Research & Development Paper Mill Campus, Yamuna Nagar-135001, Haryana	(i) Dr. Sunil Kumar (ii) Dr. Subir Barnie (iii) Mr. Vipul Gupta	17 th October, 2019 To 16 th October, 2024
182	M/s Catts Labs & Research Pvt. Ltd., S-78, First Floor, Okhla Industrial Area Phase-II, New Delhi-110020	(i) Mr. Jagmohan Singh Chadha (ii) Mr. Sunil Datt Panwar (iii) Ms. Nooris Naqvi	17 th October, 2019 To 16 th October, 2024

183	M/s Centre for Environment and Food Technology Pvt. Ltd. 1 st & 2 nd Floor, DLF Industrial Area, Moti Nagar, New Delhi-110015	(i) Mr. Hemant Singh (ii) Mr. Manoj Singh (iii) Ms. Shweta Sharma	17 th October, 2019 To 16 th October, 2024
184	M/s Eco Green Solution Systems Pvt. Ltd. Plot #48/A-4, Kiadb Industrial Area, Veerapura Post, Doddaballapur, Bengaluru-561203, Karnataka	(i) Mr. P.Hanumanthaiah (ii) Mr. Suhas S.S (iii) Mrs. Tushali Jagwani	17 th October, 2019 To 16 th October, 2024
185	M/s Ecosteps Laboratory Private Limited D-79, Sector-6, Noida-201301, Uttar Pradesh	(i) Ms. Saudamini Sharma (ii) Ms. Sneha Smita (iii) Ms. Deep Shikha	17 th October, 2019 To 16 th October, 2024
186	M/s Environ Tech Laboratories Plot No. 62, 1 st Floor, JLPL Industrial Area, Sector 82, Airport Road, S.A.S. Nagar, Mohali, Punjab	(i) Mr. Jasvir Singh (ii) Mr. Amit Kumar (iii) Ms. Manisha	17 th October, 2019 To 16 th October, 2024
187	M/s Global Environment & Mining Services 3 rd Main Road, Basaveswara Badavane, Hosapete-583201, Bellari District, Karnataka	(i) Dr. Vikas Gupta (ii) Ms. S. Shameem Banu (iii) Mr. J.Ravi Kumar	17 th October, 2019 To 16 th October, 2024
188	M/s Greenleaf Envirotech Pvt. Ltd. 304, Kankavati Complex, Singanpor-Cauzway Road, Katargam, Surat-395004, Gujarat	(i) Mr. Kalpesh Gordhanbhai Goti (ii) Ms. Keta Prabodhchandra Jariwala (iii) Ms. Rekha Vaghajibhai Dare	17 th October, 2019 To 16 th October, 2024
189	M/s Green Enviro Sr. No. 45A/1-4A/4, "Parshuram" Eliphiston Road, Bopodi, Pune-411003, Maharashtra	(i) Mrs. Kanchan Prashant Rhatole (ii) Mrs. Swati Manoj Joshi (iii) Mr. Vinay Ramchandra Govande	17 th October, 2019 To 16 th October, 2024
190	M/s Green Vision Testing & Enviro Services Plot No. 21, First Floor, Aarna-2 Tower, Kartarpura Industrial Area, 22 Godam, Jaipur-302006, Rajasthan	(i) Mr. Umesh Kumar Sharma (ii) Mr. Mukesh Kumar Gupta	17 th October, 2019 To 16 th October, 2024
191	M/s Global Enviro Laboratories Plot No. 4, Khasra No. 45, Opposite Shree Manan Dham Temple, Industrial Area 8KM Milestone, Meerut Road, Ghaziabad-201003, Uttar Pradesh	(i) Mr. Arvind Kumar Srivastava (ii) Mr. Rishad Parwez (iii) Ms. Shikha Bhatiya	17 th October, 2019 To 16 th October, 2024
192	M/s Interstellar Testing Centre Pvt. Ltd. Plot No. 2, S. No.12/2A, Industrial Estate, Perungudi, Chennai-600096, Tamil Nadu	(i) Mr. Tharun Kumar T. (ii) Mr. Vijayanand M. (iii) Mr. Prabakaran V.	17 th October, 2019 To 16 th October, 2024
193	M/s Jubilant Pharma & Chemical Lab. Surya Gayatri CHS, Shop No. 10 to 15, Plot No. 14/15, Sector No. 6, New Panvel (East), Navi Mumbai-410206, Maharashtra	(i) Mrs. Ashwini Dinesh Mule (ii) Mr. Meghanath Changdev Thakur	17 th October, 2019 To 16 th October, 2024
194	M/s Metamorphosis Laboratory Private Limited Prakruti Bhavan, #200, 1 st & 2 nd Floor, 1st Cross 40 th Main, Behind Central Silk Board, BTM Layout II Stage, Bengaluru-560068, Karnataka	(i) Dr. Shanth A. Thimmaiah (ii) Mr. Sreekantan Nair P. (iii) Mr. Suresh Babu H.S.	17 th October, 2019 To 16 th October, 2024
195	M/s Nakshatra Enviro Services 46, Solitaire Industrial Park, Dahmi Kalan Bagru, Jaipur-303007, Rajasthan	(i) Mr. Jagmohan Sharma (ii) Mrs. Meenu Sharma (iii) Mr. Laxmi Chand Nagar	17 th October, 2019 To 16 th October, 2024
196	M/s Nitya Laboratories 81B, Sector-5, Channi Himmat-180015, Jammu, Jammu & Kashmir	(i) Mr. Ravinder Kumar (ii) Smt. Radha Devi (iii) Mr. Ajay Sharma	17 th October, 2019 To 16 th October, 2024
197	M/s OneEarth Enviro Labs 1 st Floor, KSIA Building Baikampady Industrial Area Road, Mangaluru-575011, Karnataka	(i) Mr. Murlidhar S.M (ii) Mr. Dinesh S.M (iii) Dr. Sandesh Kamath B.	17 th October, 2019 To 16 th October, 2024

198	M/s Shree Krishna Analytical Services A-5/4, Phase-II, Mayapuri Industrial Area, New Delhi-110064	(i) Mr. Vinay Kumar (ii) Mr. Narendra Kumar Giri (iii) Mr. Surjeet Das	17 th October, 2019 To 16 th October, 2024
199	M/s Spectro Analytical Labs Limited. S-1, GNEPIP, Surajpur Industrial Area, Phase-V, Kasna, Greater Noida, Uttar Pradesh	(i) Mr. Yogesh Malik (ii) Mrs. Astha Vig (iii) Mrs. Riloni Rajput	17 th October, 2019 To 16 th October, 2024
200	M/s Trans Thane Creek Waste Management Association, P-128, TTC Industrial Area, Near L&T Infotech, Shil Mahape Road, Mahape, Navi Mumbai-400710	(i) Dr. Nitin Ramchandra Nimkar (ii) Dr. Datta Baban Mandhare (iii) Mr. Jayesh Narayan Idate	17 th October, 2019 To 16 th October, 2024
201	M/s Vsix Analytical Labs Pvt. Ltd. #77(502/503), 2 nd Floor, 21 st 'D' Cross Muthurayaswamy Layout, Srigandakaval, Sunkadakatte, Bengaluru-560091, Karnataka	(i) Mrs. Nagalakshmi N.S (ii) Mrs. Gunavathy M.K (iii) Mrs. Apeksha Shenoy	17 th October, 2019 To 16 th October, 2024

[F. No. Q. 15018/21/2017-CPW]

JIGMET TAKPA, Jt. Secy.

Note : The principal notification was published in the Gazette of India, Extraordinary, *vide* number S.O. 1174(E), dated the 18th July, 2007 and was last amended by notification No. S.O. 5768(E), dated the 15th November, 2018.