

Ambuja Cement

ACL/RPR/UH/ENV/2021/158

27th September 2021

Environmental Engineer
Punjab Pollution Control Board
Regional Office, Rupnagar
281, Giani Zail Singh Nagar - 140001

Subject: Environmental Statement Report for the Year 2020-2021

Dear Sir,

Please find enclosed herewith the Environment Statement Report for the period from April, 2020 to March, 2021 for our Cement Grinding Unit (3.4 MTPA) with Captive Power Plant (30 MW), as per the requirement under section 14 of Environment (Protection) Rules, 1986 amended till date.

Hope you will find the same in order.

Thanking You.

Yours Faithfully,

For Ambuja Cements Ltd



Rajiv Jain
Sr. Vice President



Encl: As above

Cc: **Director**
Ministry of Environment Forest & Climate Change
Northern Regional Office, Bays No 24-25 Sector 31-A
Dakshin Marg, Chandigarh - 160030

AMBUJA CEMENTS LIMITED
(UNIT ROPAR)

Village Daburji, P.O. Lodhimajra, Distt. Ropar - 140 113 (Punjab) Phone : 01881 - 274287 Fax : 276034

Website : www.ambujacement.com

(Regd. Off. : P. O. Ambuja Nagar, Taluka - Kodinar, Distt. Gir Somnath, Gujarat - 362 715)

CIN No. : L26942GJ1981PLC004717

Form – V

(See Rule 14)

Environmental Statement Report for the Financial Year ending on 31st March, 2021

PART - A

- i) Name & address of the : Ambuja Cements Ltd. (Unit – Ropar)
Owner/occupier of the : Rajiv Jain (Sr. Vice President)
Industry, operation : Near - GGSSTP
or process. : Vill. - Daburji, P.O. - Lodhi Majra
Ropar – 140113 (Punjab)
- ii) Date of the last Environmental : **28th September, 2020**
Statement report submitted.

PART – B

Water and Raw Material Consumption

(I) Water consumption, M³/day

i) Process (Cement Grinding)

Cement Plant Industrial Use : **28.15 M³/day**

ii) Captive Power Plant (30 MW)

Power Generation (106115901kwh)
Condenser Cooling, Boiler Water Consumption : **817.43 M³/day**

iii) Domestic:

(Staff colonies, Security Barracks, plant and Supply to village Daburji)
: **493.40 M³/day**

Name of the Product products	Water consumption per unit of	
	During the Previous financial year	During the current financial year
	1	2

CEMENT GRINDING

No water is consumed in the process as ACL Ropar is a grinding unit based on dry process. However the water is used for the plant machinery cooling purpose only and consumption per Ton of Cement is:

		3.25 Lt. /Ton	3.90 Lt. /Ton
POWER 30 MW	i) DM Water	0.10 Lt. /KWHr.	0.12 Lt. /KWHr.
	ii) Cooling Water	2.19 Lt./KWHr.	1.95 Lt./KWHr.

II)

Raw Material Consumption

Name of raw Material	Name of Products	Consumption of raw material per unit of output	
		During the Previous Financial year	During the current financial year

Cement Grinding Section (3.4 MTPA):

1)	Fly Ash	0.240	0.238
2)	Clinker	0.690	0.688
3)	Gypsum	0.070	0.075

Captive Power Plant (30 MW):

1)	Rice Husk	0.41 Kg /KWHr	0.43 Kg/KWHr
2)	Coal	0.44 Kg /KWHr	0.42 Kg/KWHr
3)	Biomass	0.23 Kg /KWHr	0.15 Kg/KWHr

Remark:

The list of chemicals consumed is attached as per Annexure 1.

PART – C
POLLUTION GENERATED

(Parameters as specified in the consent issued)

Pollutants	Quantity of Pollution Generated
------------	------------------------------------

A) Air (Particulate Matter):

(In terms of Dust loading to atmosphere from the major stacks)

Stack Attached to	Pollution Load (Ton/Annum)	
	Previous Year	Current Year
CM-1 (Bag Filter)	5.65	5.81
CM-2(Bag Filter)	6.87	5.33
CM-3(Bag Filter)	6.02	5.74
CM-4(Bag Filter)	12.02	10.92
O.Sepa-1	7.84	7.43
O.Sepa-2	9.16	7.11
O.Sepa-3	8.03	7.65
Packer 1- Stack 1	6.43	5.54
Packer 1- Stack 2	6.43	5.54
Packer 2	6.60	6.01
Packer 3- Stack 1	3.30	2.72
Packer 3- Stack 2	3.43	2.83
Packer 4- Stack 1	2.67	2.37
Packer 4- Stack 2	2.47	2.37
Flyash Dryer	-	12.50
Boiler-1(ESP)	16.09	11.96
Boiler-2(ESP)	14.77	10.13
Boiler-3 (ESP)*	0	0
TOTAL	117.77	112.83

* Boiler No 3 is not in operation from last Four years.

B) Water:

1) Sewage Treatment Plant :

We are utilizing 100% STP treated water by using this as cooling tower make up of our Captive Power Plant, in coal dust suppression system. Hence, there is no pollution load of Sewage treatment plant. The STP Sludge after dry in two settling pond being used in our Ambuja Cement Foundation organic farm house / Horticulture purpose as a organic manure. The test report STP treated water quality is enclosed as per **Annexure - 2**

2) Effluent Treatment Plant :

Our ETP is zero liquid discharge plant. We using are using 100 % ETP treated water in condenser cooling process and dust suppression system. RO Reject water of ETP being treated through Force Circulation steam evaporator and ultimate reject of evaporator in the form of Slurry goes to sundry in ETP Solar Pond and thereafter ETP sludge ready for dispose. Hence, there is no pollution load of Effluent treatment plant. ETP Sludge under category 35.3 and Water treatment plant Resin under category 35.2 are disposed as per the Hazardous & Other Wastes (Management and Transboundary Movement) Rules 2016. The test report of performance study of Effluent Treatment Plant (ETP) is enclosed as per **Annexure – 3**

(i) SPM CONCENTRATION ($\mu\text{g}/\text{m}^3$) IN AMBIENT AIR.

Monitoring stations	Distance & direction From the Plant	Annual avg. of RSPM ($\mu\text{g}/\text{m}^3$)	Annual avg. of SPM ($\mu\text{g}/\text{m}^3$)
1. Gunny Bag Godown	0.40 Kms. SSE	43.49	86.46
2. ACL Colony	0.60 Kms. WNW	44.40	85.75
3. Clinker Truck Yard	0.20 Kms. SW	44.06	88.65
4. Bio Mass Storage Yard	0.65 Kms. WS	43.05	84.80
5. ACL Labour Colony	0.70 Kms. WN	41.82	85.23
6. Village Rattanpura	0.40 Kms. ESE	42.98	84.85

For Details Refer **Annexure – 4**

PART – D HAZARDOUS WASTES

As specified under Hazardous and other Wastes (Management & Transboundary Movement) Rules, 2016

Hazardous Wastes	Total Quantity (Kg)	
	During the previous Financial year	During the current Financial year
Used Oil (Cat 5.1)	840	2310
Used Grease (5.2)	4830	5735
Asbestos containing residue (15.1)	0.00	0.00
Empty Barrels/Containers (33.3)	1700	4630
Spent ion Exchange Resin (35.2)	1600	700
Chemical Sludge from waste treatment (35.3)	33900	28843

PART – E

SOLID WASTES

	Total Quantity (Tons)	
	During the previous Financial year	During the current Financial year
From process	No Solid waste generated from the process.	No Solid waste generated from the process.
From pollution control facilities	No Solid waste generated from pollution control facilities. It is only the particulate matter that is collected through bag filters and recycled back in the respective processes. Total 814392 Metric Tons of Particulate Matter was collected through APCEs has been recycled in the process during the year	No Solid waste generated from pollution control facilities. It is only the particulate matter that is collected through bag filters and recycled back in the respective processes. Total 1123140 Metric Tons of Particulate Matter was collected through APCEs has been recycled in the process during the year
1 Quantity recycled or re-utilized within the unit	No solid waste generated, however 814392 Metric Tons of Particulate Matter collected through APCEs has been recycled in the process during the year.	No solid waste generated, however 1123140 Metric Tons of Particulate Matter collected through APCEs has been recycled in the process during the year.
2 Sold	Nil	Nil
3 Disposed	Nil	Nil

All the solid waste i.e. Particulate matter generated from the process is 100% automatically recycled in the process through the APCEs

PART – F

Please specify the characteristics in terms of concentration and quantum of hazardous as well as solid wastes and indicate disposal practice adopted for both these category of wastes.

In total, 2520 Ltrs of Used Oil (5.1), 5735 Kg of Used Grease (5.2), 28843 Kg of ETP Sludge (35.3), 700 Kg of Waste Resin, 4630 Kg of Empty Oil Barrel / Chemical / Paint Container were generated during the year.

Out of this 8950 Kg of ETP Sludge was disposed off to M/s Ramky Engineers Pvt Ltd, 5020 Kg of Empty Oil Barrel / Chemical / Paint Containers were disposed to M/s JS Plastics, Ludhiana and 2520 Ltrs of Used Oil (5.1) was disposed to M/s BRS lubricants, Mandi Gobindgarh.

The hazardous wastes are stored in designated storage area and disposed off to authorized vendors as per the provisions of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

2) Solid Waste

Around 21878 Metric Tons of Fly ash has been generated from the Power Plant which is 100% utilized in the cement manufacturing. However the solid waste (i.e. Particulate Matter) generated from the cement grinding as well as CPP is automatically recycled in the process by the various APCEs installed which in turn enhance the product economy.

PART – G

Impact of the Pollution Control Measures on conservation of natural resources and consequently on the cost of production

1. Around 625243 Metric Ton Fly ash has been consumed for the period from April, 2020 to March, 2021 for Cement production. Since the inception of plant, ACL has consumed more than 150 Lac Tons of fly ash. In case, this quantity of fly ash had not been consumed by ACL and had been pumped by thermal power plant into dykes, it would have required additional more than 250 approximate acres of land for its disposal making it unfertile and useless. Also the same is highly polluting in nature and becomes easily air borne leading to air pollution in the vicinity areas.
2. Greenbelt plays an important role in the control of air pollution, noise pollution and also gives and aesthetic look to the site. This year we have planted various species to strengthen the green belt till March 2021 end and further we have planned more than 1000 plants to sustain beyond 33 % green belt by rainy season end. Selected species of plants have been planted in and around the premises to control the fugitive dust.
3. Latest technology APCEs like pulse jet bag filters have been installed in the process to capture the dust covering all the point source of emission and material transfer points. There are four bag filters attached to the Cement mills and ESPs attached to all three Boilers to capture the particulate matter. Every material transfer point is equipped with a bag filter capture the Particulate Matter. The material captured by the APCEs is automatically recycled in process, which in turn enhances the process economy.

4. Data of ambient air quality and seven process critical stacks data are transmitted to CPCB/SPCB Server.
5. Procurement of Biomass from local farmers has been started through formed Roop Nagar producers Co. Ltd. The same is giving employment to local villagers.

PART – H

Additional Investment proposal for Environmental Protection including abatement of pollution.

EXPENDITURE PROPOSED FOR 2021

- 1) Proposed Budget for replacement of CAAQMS (2020-2021) - Rs.50.00 Lacs
- 2) Proposed Budget for using Ghanauli Drain Waster water after treatment – Rs.60.00 Lacs
- 3) Approx budget of Rs 2.85 Crore has been proposed for 2021-2022 by Ambuja Cement Foundation for well fare Activities, community development & other activities. The details of expenditure 2020 - 21 and proposed budget 2021-2026 are enclosed as **Annexure- 5 & 6**

Any other particulars in respect of Environment Protection and abatement of Pollution.

- 1) We are using treated sewage water as cooling tower make up water in our CPP & Coal yard dust suppression system to reduce the fresh raw water consumption. This will ultimately lead to the conservation of Natural resources.
- 2) Monthly housekeeping round is undertaken by the senior management to ensure proper housekeeping inside the plant. The house keeping being routed through planned inspection at site by zone owners.
- 3) Our Preventive Maintenance cell is dedicated for maintenance of all pollution control equipments. Their prime focus is to improve the health of machinery and equipments.

Expenses incurred under the various environmental protection head like Operation and maintenance of Sewage Treatment plant, Effluent Treatment plant, environmental monitoring etc. are listed below:

Operation & Maintenance Cost in Rs (Approx):

1. Power Cost ETP Cost	-	524324
2. Power Cost STP Cost	-	493825
3. Power Cost of CPP ESP	-	876361
4. Operation & Maintenance Cost of Bag Filter (CPP)	-	203965
5. Operation & Maintenance Cost of ESP(CPP)	-	2012181



6. Expenditure incurred on Environmental activities & Greenbelt development - 5070643

7. Operation & Maintenance cost for Sweeping Machines - 4296278

OTHER ACHIEVEMENTS

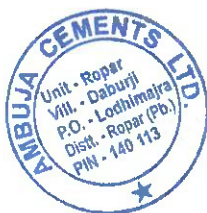
1. Certified for Integrated Management Systems (IMS) which includes Environment Management Systems (ISO 14001:2015), Quality Management Systems (ISO 9001:2015), Energy Management System (ISO 50001:2018) and Occupational Health and Safety Management Systems (ISO 45001:2018) by DNV.
2. Approximate 106115901 kwh of power generated at CPP by using approximately 50% of agricultural waste bio mass Carbon neutral fuels like Peddy straw, maize coves, rice husk, wood chips etc.
3. Five Rain water Recharge structure made at nearby villages in Ghanuli ,Daburji Lodhimajra , Bela college Ropar of project site .
4. We have Constructed three check dam within the project area of 10 Km from Ropar plant in Munguwal & Chakarma Village for improving water level in the said locations and same will benefit to the local villages and improve the water level of surroundings. The said activity being done with cooperation of local district administration and our CSR Arm Ambuja Cement Foundation.
6. Kitchen waste is being treated through Organic waste Converter plant being converted into manure for further usages in Horticulture purpose.
7. Fly ash Dryer of capacity 400000 Metric Tons per Annum has been installed for utilization of Fly Ash lying in open dykes. This action will further evacuate the land occupied by fly ash lying in open dykes and will reduce fugitive emissions and convert the land for future agriculture purpose.

Date: 27.09.2021

(Signature of a person carrying out an industry – operation or process)

Name: Rajiv Jain

Designation: Sr. Vice President



Address: Ambuja Cements Limited (Unit Ropar)
Near – GGSSTP, Vill. - Daburji, P.O. - Lodhi Majra
Ropar – 140113 (Punjab)

ETP Monthly Chemical Consumption Report April 2020 to March 2021

[illegible]

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OHSAS 45001:2018

Plot No.62, Santa Industrial Estate,
Airport Road, Sector 82, S.A.S. Nagar
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Mob. 9417210081, 9417220081
9464000081, Tel. 9463000081

GSTIN : 03BPEPS9693P1ZV
PAN No. BPEPS9693P

DISPATCH No:-ETL/DSP/ 21969

Date:- 05/03/2021

Page 1 of 1

TEST REPORT

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

Report No.	ETL/44/2021/G/21394	Report Date	05.03.2021
Your Ref. No.	Nil	Type of sample	STP Outlet
Sample Code Given by Customer	Nil	Quantity	1 Liter Plastic Bottle + 1 Liter Glass Bottle
		Date of sampling	22.02.2021
Sampling Location	Within Premises	Date of sample receipt	23.02.2021
Sample Collected By	Lab Person	Sample I.D.	ETL/32/2021/G/394
Sampling Procedure	As per Lab SOP	Date of test	23.02.2021- 05.03.2021

S. NO.	PARAMETERS	TEST RESULTS	STANDARDS			TEST METHODS
			Inland surface Water	Public Sewer	Land for Irrigation	
1.	pH	7.55	5.5 - 9.0	5.5 - 9.0	5.5 - 9.0	IS: 3025 (Part - 11)2002,APHA 23rd Edition:2017-4500C
2.	Total Suspended Solids, mg/L	07	100	600	200	IS:3025,(Part-17)2002/APHA 23rd Edition (2540 D): 2017
3.	Total Dissolved Solid, mg/L	485	2100	2100	2100	IS:3025 (Part -16)2006/ APHA 23rd Edition (2540 C): 2017
4.	Bio-chemical Oxygen Demand at 27°C 3 days, mg/L	10	30	350	100	IS:3025,(Part-44):2003/APHA 23rd Edition (5210 B): 2017
5.	Chemical Oxygen Demand, mg/L	35	250	No guideline	No guideline	IS:3025,(Part-58)2006/APHA 23rd Edition (5220 B): 2017
6.	Oil and Grease, mg/L	03	10	20	10	IS:3025,(Part-39)2003/APHA 23rd Edition (5520 B): 2017

Note: ND Denotes Not Detectable

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

Checked By



End of Report

(Authorized Signatory)

AJEET SINGH
Dy. Technical Manager
Environ Tech Laboratories

Testing of Water, Waste Water, Soil, Food, Ambient Air, Noise Monitoring & Stack Emission

Email : envrontechlab72@yahoo.com, director@envrontechlab.in | Website : envrontechlab.com

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Mob. 9417210081, 9417220081
9464000081, Tel. 9463000081

GSTIN : 03BPEPS9693P1ZV
PAN No. BPEPS9693P

DISPATCH No:-ETL/DSP/ 21967

Date:- 05/03/2021

TEST REPORT

Page 1 of 1

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

Report No.	ETL/44/2021/G/21392	Report Date	05.03.2021
Your Ref. No.	Nil	Type of sample	STP-2 Outlet
Sample Code Given by Customer	STP PLANT-2	Quantity	1 Liter Plastic Bottle + 1 Liter Glass Bottle
Sampling Location	Within Premises	Date of sampling	22.02.2021
Sample Collected By	Lab Person	Date of sample receipt	23.02.2021
Sampling Procedure	As per Lab SOP	Sample I.D.	ETL/32/2021/G/392
		Date of test	23.02.2021- 05.03.2021

S. NO.	PARAMETERS	TEST RESULTS	STANDARDS			TEST METHODS
			Inland surface Water	Public Sewer	Land for Irrigation	
1.	pH	7.31	5.5 - 9.0	5.5 - 9.0	5.5 - 9.0	IS: 3025 (Part - 11)2002, APHA 23 rd Edition: 2017-4500C
2.	Total Suspended Solids, mg/L	05	100	600	200	IS:3025,(Part-17)2002/APHA 23rd Edition (2540 D): 2017
3.	Total Dissolved Solid, mg/L	186	2100	2100	2100	IS:3025 (Part -16)2006/ APHA 23rd Edition (2540 C): 2017
4.	Bio-chemical Oxygen Demand at 27°C 3 days, mg/L	04	30	350	100	IS:3025,(Part-44):2003/APHA 23rd Edition (5210 B): 2017
5.	Chemical Oxygen Demand, mg/L	09	250	No guideline	No guideline	IS:3025,(Part-58)2006/APHA 23rd Edition (5220 B): 2017
6.	Oil and Grease, mg/L	06	10	20	10	IS:3025,(Part-39)2003/APHA 23rd Edition (5520 B): 2017

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End of Report

(Authorized Signatory)
AJEET SINGH
Dy. Technical Manager
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9464000081, Tel. 9463000081

GSTIN : 03BPEPS9693P1ZV
PAN No. BPEPS9693P

DISPATCH No:-ETL/DSP/ 21976

Date:- 05/03/2024

Page 1 of 1

TEST REPORT

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

Report No.	ETL/44/2021/G/21401	Report Date	05.03.2021
Your Ref. No.	Nil	Type of sample	Ro Project Final
Sample Code Given by Customer	Nil	Quantity	1 Liter Plastic Bottle + 1 Liter Glass Bottle
		Date of sampling	22.02.2021
Sampling Location	Within Premises	Date of sample receipt	23.02.2021
Sample Collected By	Lab Person	Sample I.D.	ETL/32/2021/G/401
Sampling Procedure	As per Lab SOP	Date of test	23.02.2021- 05.03.2021

S. NO.	PARAMETERS	TEST RESULTS	STANDARDS			TEST METHODS
			Inland surface Water	Public Sewer	Land for Irrigation	
1.	pH	7.78	5.5 - 9.0	5.5 - 9.0	5.5 - 9.0	IS: 3025 (Part - 11)2002, APHA 23rd Edition:2017-4500C
2.	Total Suspended Solids, mg/L	05	100	600	200	IS:3025,(Part-17)2002/APHA 23rd Edition (2540 D): 2017
3.	Total Dissolved Solid, mg/L	232	2100	2100	2100	IS:3025 (Part -16)2006/ APHA 23rd Edition (2540 C): 2017
4.	Bio-chemical Oxygen Demand at 27°C 3 days, mg/L	ND	30	350	100	IS:3025,(Part-44):2003/APHA 23rd Edition (5210 B): 2017
5.	Chemical Oxygen Demand, mg/L	ND	250	No guideline	No guideline	IS:3025,(Part-58)2006/APHA 23rd Edition (5220 B): 2017
6.	Oil and Grease, mg/L	ND	10	20	10	IS:3025,(Part-39)2003/APHA 23rd Edition (5520 B): 2017

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End of Report

(Authorized Signatory)

MEET SINGH
Dy. Technical Manager
Environ Tech Laboratories

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Testing of Water, Waste Water, Soil, Food, Ambient Air, Noise Monitoring & Stack Emission

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GSTIN : 03BPEPS9693P1ZV
PAN No. BPEPS9693P

DISPATCH No:-ETL/DSP/ 21977

Date:- 05/03/2021

Page 1 of 1

TEST REPORT

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

Report No.	ETL/44/2021/G/21402	Report Date	05.03.2021
Your Ref. No.	Nil	Type of sample	RO-1 Product Water
Sample Code Given by Customer	Nil	Quantity	1 Liter Plastic Bottle + 1 Liter Glass Bottle
		Date of sampling	22.02.2021
Sampling Location	Within Premises	Date of sample receipt	23.02.2021
Sample Collected By	Lab Person	Sample I.D.	ETL/32/2021/G/402
Sampling Procedure	As per Lab SOP	Date of test	23.02.2021 - 05.03.2021

S. NO.	PARAMETERS	TEST RESULTS	STANDARDS			TEST METHODS
			Inland surface Water	Public Sewer	Land for Irrigation	
1.	pH	7.68	5.5 - 9.0	5.5 - 9.0	5.5 - 9.0	IS: 3025 (Part - 11)2002, APHA 23rd Edition:2017-4500C
2.	Total Suspended Solids, mg/L	ND	100	600	200	IS:3025,(Part-17)2002/APHA 23rd Edition (2540 D): 2017
3.	Total Dissolved Solid, mg/L	258	2100	2100	2100	IS:3025 (Part -16)2006/ APHA 23rd Edition (2540 C): 2017
4.	Bio-chemical Oxygen Demand at 27°C 3 days, mg/L	ND	30	350	100	IS:3025,(Part-44):2003/APHA 23rd Edition (5210 B): 2017
5.	Chemical Oxygen Demand, mg/L	ND	250	No guideline	No guideline	IS:3025,(Part-58)2006/APHA 23rd Edition (5220 B): 2017
6.	Oil and Grease, mg/L	ND	10	20	10	IS:3025,(Part-39)2003/APHA 23rd Edition (5520 B): 2017

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End of Report

(Authorized Signatory)

AJAY SINGH
Dy. Technical Manager
Environ Tech Laboratories

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Testing of Water, Waste Water, Soil, Food, Ambient Air, Noise Monitoring & Stack Emission

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9464000081, Tel. 9463000081

GSTIN : 03BPEPS9693P1ZV
PAN No. BPEPS9693P

DISPATCH No:-ETL/DSP/ 21978

Date:- 05/03/2021

Page 1 of 1

TEST REPORT

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

Report No.	ETL/44/2021/G/21403	Report Date	05.03.2021
Your Ref. No.	Nil	Type of sample	RO -2 Product Water
Sample Code Given by Customer	Nil	Quantity	1 Liter Plastic Bottle + 1 Liter Glass Bottle
		Date of sampling	22.02.2021
Sampling Location	Within Premises	Date of sample receipt	23.02.2021
Sample Collected By	Lab Person	Sample I.D.	ETL/32/2021/G/403
Sampling Procedure	As per Lab SOP	Date of test	23.02.2021- 05.03.2021

S. NO.	PARAMETERS	TEST RESULTS	STANDARDS			TEST METHODS
			Inland surface Water	Public Sewer	Land for Irrigation	
1.	pH	7.48	5.5 - 9.0	5.5 - 9.0	5.5 - 9.0	IS: 3025 (Part - 11)2002,APHA 23rd Edition:2017-4500C
2.	Total Suspended Solids, mg/L	ND	100	600	200	IS:3025,(Part-17)2002/APHA 23rd Edition (2540 D): 2017
3.	Total Dissolved Solid, mg/L	240	2100	2100	2100	IS:3025 (Part -16)2006/ APHA 23rd Edition (2540 C): 2017
4.	Bio-chemical Oxygen Demand at 27°C 3 days, mg/L	ND	30	350	100	IS:3025,(Part-44):2003/APHA 23rd Edition (5210 B): 2017
5.	Chemical Oxygen Demand, mg/L	ND	250	No guideline	No guideline	IS:3025,(Part-58)2006/APHA 23rd Edition (5220 B): 2017
6.	Oil and Grease, mg/L	ND	10	20	10	IS:3025,(Part-39)2003/APHA 23rd Edition (5520 B): 2017

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End of Report

(Authorized Signatory)

AJEET SINGH
Dy. Technical Manager
Environ Tech Laboratories

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9464000081, Tel. 9463000081

GSTIN : 03BPEPS9693P1ZV
PAN No. BPEPS9693P

DISPATCH No:-ETL/DSP/21981

Date:- 05/03/2021

Page 1 of 1

TEST REPORT

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

Report No.	ETL/44/2021/G/21406	Report Date	05.03.2021
Your Ref. No.	Nil	Type of sample	ETP Feed Water
Sample Code Given by Customer	Nil	Quantity	1 Liter Plastic Bottle + 1 Liter Glass Bottle
		Date of sampling	22.02.2021
Sampling Location	Within Premises	Date of sample receipt	23.02.2021
Sample Collected By	Lab Person	Sample I.D.	ETL/32/2021/G/406
Sampling Procedure	As per Lab SOP	Date of test	23.02.2021- 05.03.2021

S. NO.	PARAMETERS	TEST RESULTS	STANDARDS			TEST METHODS
			Inland surface Water	Public Sewer	Land for Irrigation	
1.	pH	8.14	5.5 – 9.0	5.5 – 9.0	5.5 – 9.0	IS: 3025 (Part – 11)2002,APHA 23 rd Edition:2017-4500C
2.	Total Suspended Solids, mg/L	05	100	600	200	IS:3025,(Part-17)2002/APHA 23 rd Edition (2540 D): 2017
3.	Total Dissolved Solid, mg/L	440	2100	2100	2100	IS:3025 (Part -16)2006/ APHA 23 rd Edition (2540 C): 2017
4.	Bio-chemical Oxygen Demand at 27°C 3 days, mg/L	ND	30	350	100	IS:3025,(Part-44):2003/APHA 23 rd Edition (5210 B): 2017
5.	Chemical Oxygen Demand, mg/L	ND	250	No guideline	No guideline	IS:3025,(Part-58)2006/APHA 23 rd Edition (5220 B): 2017
6.	Oil and Grease, mg/L	ND	10	20	10	IS:3025,(Part-39)2003/APHA 23 rd Edition (5520 B): 2017

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(Authorized Signatory)

KEET SINGH
By, Technical Manager
Environ Tech Laboratories

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9464000081, Tel. 9463000081

GSTIN : 03BPEPS9693P1ZV
PAN No. BPEPS9693P

DISPATCH No:-ETL/DSP/21973

Date:- 05/03/2021

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TEST REPORT

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

Report No.	ETL/44/2021/G/21398	Report Date	05.03.2021
Your Ref. No.	Nil	Type of sample	MGF Outlet
Sample Code Given by Customer	Nil	Quantity	1 Liter Plastic Bottle + 1 Liter Glass Bottle
		Date of sampling	22.02.2021
Sampling Location	Within Premises	Date of sample receipt	23.02.2021
Sample Collected By	Lab Person	Sample I.D.	ETL/32/2021/G/398
Sampling Procedure	As per Lab SOP	Date of test	23.02.2021- 05.03.2021

S. NO.	PARAMETERS	TEST RESULTS	STANDARDS			TEST METHODS
			Inland surface Water	Public Sewer	Land for Irrigation	
1.	pH	7.94	5.5 – 9.0	5.5 – 9.0	5.5 – 9.0	IS: 3025 (Part – 11)2002,APHA 23 rd Edition:2017-4500C
2.	Total Suspended Solids, mg/L	ND	100	600	200	IS:3025,(Part-17)2002/APHA 23 rd Edition (2540 D): 2017
3.	Total Dissolved Solid, mg/L	894	2100	2100	2100	IS:3025 (Part -16)2006/ APHA 23 rd Edition (2540 C): 2017
4.	Bio-chemical Oxygen Demand at 27°C 3 days, mg/L	ND	30	350	100	IS:3025,(Part-44):2003/APHA 23 rd Edition (5210 B): 2017
5.	Chemical Oxygen Demand, mg/L	ND	250	No guideline	No guideline	IS:3025,(Part-58)2006/APHA 23 rd Edition (5220 B): 2017
6.	Oil and Grease, mg/L	ND	10	20	10	IS:3025,(Part-39)2003/APHA 23 rd Edition (5520 B): 2017

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AJEET SINGH
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GSTIN : 03BPEPS9693P1ZV
PAN No. BPEPS9693P

DISPATCH No:-ETL/DSP/21972

Date:- 05/03/2021

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TEST REPORT

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

Report No.	ETL/44/2021/G/21397	Report Date	05.03.2021
Your Ref. No.	Nil	Type of sample	HRSSC outlet Water
Sample Code Given by Customer	Nil	Quantity	1 Liter Plastic Bottle + 1 Liter Glass Bottle
		Date of sampling	22.02.2021
Sampling Location	Within Premises	Date of sample receipt	23.02.2021
Sample Collected By	Lab Person	Sample I.D.	ETL/32/2021/G/397
Sampling Procedure	As per Lab SOP	Date of test	23.02.2021-05.03.2021

S. NO.	PARAMETERS	TEST RESULTS	STANDARDS			TEST METHODS
			Inland surface Water	Public Sewer	Land for Irrigation	
1.	pH	8.21	5.5 - 9.0	5.5 - 9.0	5.5 - 9.0	IS: 3025 (Part - 11)2002, A. & I.A. 23rd Edition:2017-4500C
2.	Total Suspended Solids, mg/L	05	100	600	200	IS:3025,(Part-17)2002/APHA 23rd Edition (2540 D): 2017
3.	Total Dissolved Solid, mg/L	696	2100	2100	2100	IS:3025 (Part -16)2006/ APHA 23rd Edition (2540 C): 2017
4.	Bio-chemical Oxygen Demand at 27°C 3 days, mg/L	ND	30	350	100	IS:3025,(Part-44):2003/APHA 23rd Edition (5210 B): 2017
5.	Chemical Oxygen Demand, mg/L	ND	250	No guideline	No guideline	IS:3025,(Part-58)2006/APHA 23rd Edition (5220 B): 2017
6.	Oil and Grease, mg/L	ND	10	20	10	IS:3025,(Part-39)2003/APHA 23rd Edition (5520 B): 2017

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GSTIN : 03BPEPS9693P1ZV
PAN No. BPEPS9693P

DISPATCH No:-ETL/DSP/ 21971

Date:- 05/03/2021

Page 1 of 1

TEST REPORT

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

Report No.	ETL/44/2021/G/21396	Report Date	05.03.2021
Your Ref. No.	Nil	Type of sample	UF Outlet Water
Sample Code Given by Customer	Nil	Quantity	1 Liter Plastic Bottle + 1 Liter Glass Bottle
		Date of sampling	22.02.2021
Sampling Location	Within Premises	Date of sample receipt	23.02.2021
Sample Collected By	Lab Person	Sample I.D.	ETL/32/2021/G/396
Sampling Procedure	As per Lab SOP	Date of test	23.02.2021- 05.03.2021

S. NO.	PARAMETERS	TEST RESULTS	STANDARDS			TEST METHODS
			Inland surface Water	Public Sewer	Land for Irrigation	
1.	pH	7.45	5.5 - 9.0	5.5 - 9.0	5.5 - 9.0	IS: 3025 (Part - 11)2002,APHA 23 rd Edition:2017-4500C
2.	Total Suspended Solids, mg/L	ND	100	600	200	IS:3025,(Part-17)2002/APHA 23rd Edition (2540 D): 2017
3.	Total Dissolved Solid, mg/L	724	2100	2100	2100	IS:3025 (Part -16)2006/ APHA 23rd Edition (2540 C): 2017
4.	Bio-chemical Oxygen Demand at 27°C 3 days, mg/L	ND	30	350	100	IS:3025,(Part-44):2003/APHA 23rd Edition (5210 B): 2017
5.	Chemical Oxygen Demand, mg/L	ND	250	No guideline	No guideline	IS:3025,(Part-58)2006/APHA 23rd Edition (5220 B): 2017
6.	Oil and Grease, mg/L	ND	10	20	10	IS:3025,(Part-39)2003/APHA 23rd Edition (5520 B): 2017

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AJEET SINGH
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GSTIN : 03BPEPS9693P1ZV
PAN No. BPEPS9693P

DISPATCH No:-ETL/DSP/ 21970

Date:- 05/03/2021

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TEST REPORT

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

Report No.	ETL/44/2021/G/21395	Report Date	05.03.2021
Your Ref. No.	Nil	Type of sample	UF Inlet Water
Sample Code Given by Customer	Nil	Quantity	1 Liter Plastic Bottle + 1 Liter Glass Bottle
		Date of sampling	22.02.2021
Sampling Location	Within Premises	Date of sample receipt	23.02.2021
Sample Collected By	Lab Person	Sample I.D.	ETL/32/2021/G/395
Sampling Procedure	As per Lab SOP	Date of test	23.02.2021- 05.03.2021

S. NO.	PARAMETERS	TEST RESULTS	STANDARDS			TEST METHODS
			Inland surface Water	Public Sewer	Land for Irrigation	
1.	pH	7.89	5.5 - 9.0	5.5 - 9.0	5.5 - 9.0	IS: 3025 (Part - 11)2002,APHA 23rd Edition:2017-4500C
2.	Total Suspended Solids, mg/L	ND	100	600	200	IS:3025,(Part-17)2002/APHA 23rd Edition (2540 D): 2017
3.	Total Dissolved Solid, mg/L	696	2100	2100	2100	IS:3025 (Part -16)2006/ APHA 23rd Edition (2540 C): 2017
4.	Bio-chemical Oxygen Demand at 27°C 3 days, mg/L	ND	30	350	100	IS:3025,(Part-44):2003/APHA 23rd Edition (5210 B): 2017
5.	Chemical Oxygen Demand, mg/L	ND	250	No guideline	No guideline	IS:3025,(Part-58)2006/APHA 23rd Edition (5220 B): 2017
6.	Oil and Grease, mg/L	ND	10	20	10	IS:3025,(Part-39)2003/APHA 23rd Edition (5520 B): 2017

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GSTIN : 03BPEPS9693P1ZV
PAN No. BPEPS9693P

DISPATCH No:-ETL/DSP/ 21977

Date:- 05/03/2021

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TEST REPORT

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

Report No.	ETL/44/2021/G/21404	Report Date	05.03.2021
Your Ref. No.	Nil	Type of sample	ETP Evaporator Inlet Water
Sample Code Given by Customer	Nil	Quantity	1 Liter Plastic Bottle + 1 Liter Glass Bottle
		Date of sampling	22.02.2021
Sampling Location	Within Premises	Date of sample receipt	23.02.2021
Sample Collected By	Lab Person	Sample I.D.	ETL/32/2021/G/404
Sampling Procedure	As per Lab SOP	Date of test	23.02.2021- 05.03.2021

S. NO.	PARAMETERS	TEST RESULTS	STANDARDS			TEST METHODS
			Inland surface Water	Public Sewer	Land for Irrigation	
1.	pH	8.15	5.5 - 9.0	5.5 - 9.0	5.5 - 9.0	IS: 3025 (Part - 11)2002,APHA 23 rd Edition:2017-4500C
2.	Total Suspended Solids, mg/L	05	100	600	200	IS:3025,(Part-17)2002/APHA 23 rd Edition (2540 D): 2017
3.	Total Dissolved Solid, mg/L	5368	2100	2100	2100	IS:3025 (Part -16)2006/ APHA 23 rd Edition (2540 C): 2017
4.	Bio-chemical Oxygen Demand at 27°C 3 days, mg/L	ND	30	350	100	IS:3025,(Part-44):2003/APHA 23 rd Edition (5210 B): 2017
5.	Chemical Oxygen Demand, mg/L	ND	250	No guideline	No guideline	IS:3025,(Part-58)2006/APHA 23 rd Edition (5220 B): 2017
6.	Oil and Grease, mg/L	ND	10	20	10	IS:3025,(Part-39)2003/APHA 23 rd Edition (5520 B): 2017

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AJEET SINGH
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GSTIN : 03BPEPS9693P1ZV
PAN No. BPEPS9693P

DISPATCH No:-ETL/DSP/ 21980

Date:- 05/03/2021

TEST REPORT

Page 1 of 1

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

Report No.	ETL/44/2021/G/21405	Report Date	05.03.2021
Your Ref. No.	Nil	Type of sample	ETP Evaporator Outlet Water
Sample Code Given by Customer	Nil	Quantity	1 Liter Plastic Bottle + 1 Liter Glass Bottle
Sampling Location	Within Premises	Date of sampling	22.02.2021
Sample Collected By	Lab Person	Date of sample receipt	23.02.2021
Sampling Procedure	As per Lab SOP	Sample I.D.	ETL/32/2021/G/405
		Date of test	23.02.2021- 05.03.2021

S. NO.	PARAMETERS	TEST RESULTS	STANDARDS			TEST METHODS
			Inland surface Water	Public Sewer	Land for Irrigation	
1.	pH	8.14	5.5-9.0	5.5-9.0	5.5-9.0	IS: 3025 (Part - 11)2002,APHA 23 rd Edition:2017-4500C
2.	Total Suspended Solids, mg/L	05	100	600	200	IS:3025,(Part-17)2002/APHA 23 rd Edition (2540 D): 2017
3.	Total Dissolved Solid, mg/L	56845	2100	2100	2100	IS:3025 (Part -16)2006/ APHA 23 rd Edition (2540 C): 2017
4.	Bio-chemical Oxygen Demand at 27°C 3 days, mg/L	ND	30	350	100	IS:3025,(Part-44):2003/APHA 23 rd Edition (5210 B): 2017
5.	Chemical Oxygen Demand, mg/L	ND	250	No guideline	No guideline	IS:3025,(Part-58)2006/APHA 23 rd Edition (5220 B): 2017
6.	Oil and Grease, mg/L	ND	10	20	10	IS:3025,(Part-39)2003/APHA 23 rd Edition (5520 B): 2017

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End of Report

(Authorized Signatory)

AJEET SINGH
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GSTIN : 03BPEPS9693P1ZV
PAN No. BPEPS9693P

DISPATCH No:-ETL/DSP/ 21975

Date:- 05/03/2021

Page 1 of 1

TEST REPORT

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

Report No.	ETL/44/2021/G/21400	Report Date	05.03.2021
Your Ref. No.	Nil	Type of sample	RO -2 Rejected Water
Sample Code Given by Customer	Nil	Quantity	1 Liter Plastic Bottle + 1 Liter Glass Bottle
		Date of sampling	22.02.2021
Sampling Location	Within Premises	Date of sample receipt	23.02.2021
Sample Collected By	Lab Person	Sample I.D.	ETL/32/2021/G/400
Sampling Procedure	As per Lab SOP	Date of test	23.02.2021- 05.03.2021

S. NO.	PARAMETERS	TEST RESULTS	STANDARDS			TEST METHODS
			Inland surface Water	Public Sewer	Land for Irrigation	
1.	pH	7.69	5.5 – 9.0	5.5 – 9.0	5.5 – 9.0	IS: 3025 (Part – 11)2002,APHA 23 rd Edition:2017-4500C
2.	Total Suspended Solids, mg/L	05	100	600	200	IS:3025,(Part-17)2002/APHA 23 rd Edition (2540 D): 2017
3.	Total Dissolved Solid, mg/L	4857	2100	2100	2100	IS:3025 (Part -16)2006/ APHA 23 rd Edition (2540 C): 2017
4.	Bio-chemical Oxygen Demand at 27°C 3 days, mg/L	ND	30	350	100	IS:3025,(Part-44):2003/APHA 23 rd Edition (5210 B): 2017
5.	Chemical Oxygen Demand, mg/L	ND	250	No guideline	No guideline	IS:3025,(Part-58)2006/APHA 23 rd Edition (5220 B): 2017
6.	Oil and Grease, mg/L	ND	10	20	10	IS:3025,(Part-39)2003/APHA 23 rd Edition (5520 B): 2017

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End of Report

(Authorized Signatory)

AJEET SINGH
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PAN No. BPEPS9693P

DISPATCH No:-ETL/DSP/21974

Date:- 05/03/2021
Page 1 of 1

TEST REPORT

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

Report No.	ETL/44/2021/G/21399	Report Date	05.03.2021
Your Ref. No.	Nil	Type of sample	RO -1 Rejected Water
Sample Code Given by Customer	Nil	Quantity	1 Liter Plastic Bottle + 1 Liter Glass Bottle
		Date of sampling	22.02.2021
Sampling Location	Within Premises	Date of sample receipt	23.02.2021
Sample Collected By	Lab Person	Sample I.D.	ETL/32/2021/G/399
Sampling Procedure	As per Lab SOP	Date of test	23.02.2021- 05.03.2021

S. NO.	PARAMETERS	TEST RESULTS	STANDARDS			TEST METHODS
			Inland surface Water	Public Sewer	Land for Irrigation	
1.	pH	7.93	5.5 – 9.0	5.5 – 9.0	5.5 – 9.0	IS: 3025 (Part – 11)2002,APHA 23 rd Edition:2017-4500C
2.	Total Suspended Solids, mg/L	ND	100	600	200	IS:3025,(Part-17)2002/APHA 23 rd Edition (2540 D): 2017
3.	Total Dissolved Solid, mg/L	3552	2100	2100	2100	IS:3025 (Part -16)2006/ APHA 23 rd Edition (2540 C): 2017
4.	Bio-chemical Oxygen Demand at 27°C 3 days, mg/L	ND	30	350	100	IS:3025,(Part-44):2003/APHA 23 rd Edition (5210 B): 2017
5.	Chemical Oxygen Demand, mg/L	8.6	250	No guideline	No guideline	IS:3025,(Part-58)2006/APHA 23 rd Edition (5220 B): 2017
6.	Oil and Grease, mg/L	ND	10	20	10	IS:3025,(Part-39)2003/APHA 23 rd Edition (5520 B): 2017

Note: ND Denotes Not Detectable

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

Checked By



End of Report

(Authorized Signatory)

AJEET SINGH
Dy. Technical Manager
Environ Tech Laboratories

12/12

Testing of Water, Waste Water, Soil, Food, Ambient Air, Noise Monitoring & Stack Emission

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NOT VALID FOR LEGAL PURPOSES

Ambient Air Quality Monitoring data of Year 2020-2021 of Designated Stations (Monthly Average)

Annexure-4

Month	Village Ratanpura		Gunny Bag Gowdown		ACL Colony		Clinker Truck Yard		Bio Mass Storage Yard		ACL Labour Colony	
	PM 2.5 μ gm/m3*	PM 10 μ gm/m3*	PM 2.5 μ gm/m3*	PM 10 μ gm/m3*	PM 2.5 μ gm/m3*	PM 10 μ gm/m3*	PM 2.5 μ gm/m3*	PM 10 μ gm/m3*	PM 2.5 μ gm/m3*	PM 10 μ gm/m3*	PM 2.5 μ gm/m3*	PM 10 μ gm/m3*
Apr-20												
May-20	38.42	78.52	34.75	72.55	32.59	75.14	36.42	76.46	35.83	73.63	35.91	74.81
Jun-20	34.48	69.75	41.35	80.44	39.71	76.42	38.67	79.58	40.35	81.49	37.54	75.61
Jul-20	37.76	73.97	38.27	67.86	36.01	61.11	34.50	78.64	37.66	66.64	31.98	71.59
Aug-20	35.80	76.47	37.19	74.17	38.51	85.45	40.62	82.45	39.47	79.11	34.37	78.46
Sep-20	39.56	80.13	38.58	79.15	37.60	72.78	41.07	80.87	38.92	76.32	40.47	79.84
Oct-20	41.05	83.35	39.51	79.34	46.96	93.89	39.93	84.45	41.63	80.02	36.00	74.83
Nov-20	84.38	146.47	83.90	142.33	89.77	147.25	84.78	148.23	83.02	144.01	85.01	150.09
Dec-20	41.35	79.82	44.41	106.61	52.62	100.36	50.41	107.05	48.01	102.79	45.74	96.90
Jan-21	39.65	81.11	38.56	83.03	41.35	80.44	43.20	83.42	32.57	69.64	37.54	75.61
Feb-21	41.11	80.87	40.38	81.92	37.98	75.27	38.89	74.93	35.68	78.07	38.04	83.01
Mar-21	39.22	78.46	41.54	83.67	35.29	75.09	36.18	79.08	40.42	81.04	37.44	76.75
Average	42.98	84.45	43.49	86.46	44.40	85.75	44.06	88.65	43.05	84.80	41.82	85.23



SATPAL & ASSOCIATES

CHARTERED ACCOUNTANTS

Annexure-5

OPP. SENIOR SECONDARY SCHOOL GHANAULI, ROPAR (PB)-140113

Ph.: 80540-39047

DATE: 22.09.2021

REF NO: 117

TO WHOMSOEVER IT MAY CONCERN

As per information & explanations given and records produced to us, this is certified that Ambuja Cement Foundation has incurred the expenditure for the following CSR activities as per details mentioned below during the financial year 2020-2021:-

EXPENDITURE FOR THE YEAR 2020-21		
Sr. No.	Programme / Activity	Amount (Rs)
01	Water Resource Management	758762.00
02	Agro Based Livelihood	2581354.00
03	Health & Sanitation	2979977.00
04	Education – Ambuja Manovikas Kendra	7395873.00
05	Women Empowerment	750706.00
06	Integrated Community Development Programme	4904500.00
07	Establishment	728000.00
	Total	20099172.00

Date: 22.09.2021

Place: Ropar

For SATPAL & ASSOCIATES

Chartered Accountants

Membership Number 542160

Signature

(SATPAL)

(CHARTERED ACCOUNTANTS)

Membership Number 542160



UDIN :21542160AAAABD2459

Ambuja Cement Foundation - Ropar
Proposed CSR expenditure For The Year (2021-2026)

S. No.	Programme	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026
1	Water Resource Management	925000	1017500	1119250	1231175	1354292.5
2	Agro Based Livelihood	2846000	3130600	3443660	3788026	4166828.6
3	Health & Sanitation	6152000	6767200	7443920	8188312	9007143.2
4	Women Empowerment	663000	729300	802230	882453	970698.3
5	Education	8510000	9361000	10297100	11326810	12459491
6	Rural Infrastructures Development / other welfare activities	5000000	5500000	6050000	6655000	7320500
7	Other Intervention	290000	319000	350900	385990	424589
8	Establishment	4099000	4508900	4959790	5455769	6001345.9
	Grand Total Expenditure (In Rs)	28485000	31333500	34466850	37913535	41704888.5