

Regd. A/D

MCL/Env. Audit/2021-2022/ 2432

Dt :07.09.2021

Sr. Environment Engineer (CPM)
Rajasthan Pollution Control Board,
4, Institutional Area,
Jhalana Doongari,
Jaipur, (Rajasthan)

Dear Sir,

Sub.: -Environmental Statement for the year 2020-2021

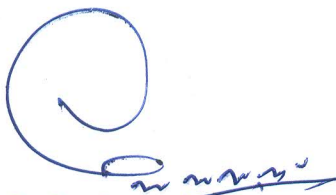
With reference to above subject, we are enclosing herewith an Environmental Statement Report for Fly Ash Handling Unit of M/s Mangalam Cement Ltd. situated at the premises of Kota Super Thermal Power Station, Kota for the period from April-2020 to March-2021.

This is for your kind reference please. Kindly acknowledge the receipt of the same.

Thanking you,

Yours faithfully

For Mangalam Cement Ltd.



P. R. Chaudhary
Sr. Joint President (O) & FM

Cc to: - The Regional Officer
Rajasthan Pollution Control Board
Plot No. Spl. 2A, ParyavaranMarg
Road No. 6, IndraprasthaIndl. Area
Kota - 324005

FORM-V
ENVIRONMENTAL STATEMENT
(See rule 14)

Environmental Statement for the financial year ending with 31st March 2021

PART-A

1.	Name & address of the owner/ occupier of the industry/ operation or process	Shri. K.C.Jain (Director) Mangalam Cement Ltd. (Unit-I) Aditya Nagar, Village : Morak Distt: Kota (Raj.)Pin code : 326520
2.	Industry Category Primary – (STC Code) Secondary – (STC Code)	Fly Ash Silo
3.	Storage capacity	Silo 1 X 500 MT
4.	Year of establishment	2008
5.	Date of last environmental statement submitted	17.09.2021

PART –B

Water and Raw Material Consumption:

i) Water consumption in m³/day

Process: -NA

Cooling: - NA

Domestic: - NA

Name of Products	Process water consumption per unit of products	
	During the previous financial year (2019-2020)	During the current financial Year (2020-2021)
Fly Ash Handling	NA	NA

ii) Raw material consumption (Fly Ash Handling Silo)

Name of raw materials*	Name of product	Handling of Fly Ash (MT)	
		During previous financial year (2019-2020)	During Current financial year (2020-2021)
Fly Ash Handling	Fly Ash	92529.00	72651.00

*Industry may use codes if disclosing details of raw material would violate contractual obligations, otherwise all industries have to name the raw materials used.

iii) Power Consumption (KWH/T of Fly Ash):-

During Previous Financial Year	During Current Financial Year
20.12	19.63

iv) Total Production (MT):-

Production	During Previous Financial Year	During Current Financial Year
Fly Ash Handling	92529.00	72651.00

PART-C

Pollution discharged to environment/unit of output
(Parameter as specified in the consent issued)

Pollutants	Quantity of Pollutants discharged (mass/day)	Concentration of Pollutants in discharged (mass/volume)	Percentage of variation from prescribed standards with reasons.
a) Water	NA		
b) Air	Please refer Annexure – I		

PART-D**HAZARDOUS WASTES**

(As specified under Hazardous Wastes (Management, Handling & Transboundary Movement Rules, 2016).

Hazardous Wastes	Total Quantity (Kg)	
	During previous financial year (2019-2020)	During Current financial year (2020-2021)
From Process	NA	NA
From pollution control facilities	Dust Collected in the bag filter is recycled in the system	

PART-E**SOLID WASTE**

Solid Wastes	Total Quantity (Kg)	
	During previous financial year (2019-2020)	During Current financial year (2020-2021)
1. From Process	NA	NA
2. From pollution control facilities	Dust Collected in the ESP's, bag house and bag filters are recycled to the system	
1. i) Quantity recycled or reutilised within the unit.	100 %	100 %
ii) Solid	NA	NA
iii) Disposed	NA	NA

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 categories of wastes.

1. Hazardous Waste :- NA
2. Solid Waste :- NA
3. Battery Waste :- NA
4. E-waste :- NA

PART-G

Impact of the pollution control measures taken on conservation of natural resources and consequently on the cost of production.

The Fly Ash Silo handling system M/s Mangalam Cement Limited is based on dry material handling mechanism & itself is on environmentally clean technology. The fugitive emission generated from fly ash handling system during ash feeding is controlled by bag filters installed at top of silos & fly ash loading points. Ash collected in bag filters is recycled back in system. Use of fly ash in cement plant helps in natural resources conservation which results in CO₂ emission reduction.

PART – H

Additional measures/investment proposal for environmental protection including abatement of pollution.

PART –I

MISCELLANEOUS:

Any other particulars in respect of environmental protection and abatement of pollution.

1. We have full-fledged Environment Department with three separate cells, for monitoring, maintenance of pollution control equipment and Green Belt development.
2. Monitoring of stack emission and ambient air is being done regularly.
3. Maintenance department is doing regular checking and scheduled maintenance of all the pollution control devices.
4. M/s Mangalam Cement Ltd. taking care of Housekeeping.

We are enclosing herewith following documents:-

Annexure – 1(a) & 1(b):- Stack, Ambient Air Quality Monitoring Results.



TEAM TEST HOUSE

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

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

RSPCB

ISO 9001:2015

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitrangan Marg,
C-Scheme, Jaipur - 302001, Rajasthan
Phone : +91 6377210064, 9414077379,
Website : www.teamtesthouse.com
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,
Sitapura, Jaipur - 302022, Rajasthan
Phone : +91 9460222039, 9460222049,
Email : director@teamtesthouse.com,
Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502520500000537F	Date :	26-06-2020
Issued To :	M/S Mangalam Cement Ltd. P.O. Aditya Nagar-Morak 326520, Kota (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Stack Emission Level	Date of Sample Collection/Monitoring :	18-06-2020
Point of Collection :	Fly Ash Silo (KTPS)	Date of Receipt :	20-06-2020
Date of Test/Analysis :	20-06-2020 to 26-06-2020	Sampling Plan :	IS 11255:2008(Part 3)RA 2018
Quantity of Sample :	-	Sample Collected By :	Rakesh Sharma
Unit's representative :	V.K. Mehata	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Particulate matter [mg/Nm ³]	21.51	IS 11255 (Part 1):1985 Reaffirmed 2014	30

Notes :-

- # Parameter No. 1 covered under NABL scope and Parameter No. NONE does not cover under NABL scope
- # Parameter No. NONE outsourced for testing.
- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used evidence in the court of law and should not be used in any advertising media without our special permission in writing.
- # The samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified.


Rupan Mal Yogi
Senior Analyst


Rajesh Maheshwari
Authorized Signatory
(Report No: TC502520500000537F)



Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035
 Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
 MoEF & CC Recognised | ISO 9001 | OHSAS 45001)

Test Report

Sample Number : VEL/MCL/S/01
 Name & Address of the Party : M/s Mangalam Cement Ltd.
 P.O Aditya Nagar -Morak Kota Rajasthan

Report No. : VEL/S/2009210005/A
 Format No : 7.8 F-01
 Party Reference No : NIL
 Reporting Date : 24/09/2020
 Period of Analysis : 21/09/2020-24/09/2020
 Receipt Date : 21/09/2020

Sample Description : Stack Emission Monitoring

General Information

Sampling Location : Fly Ash Silo (KTPS) Kota
 Sample Collected by : VEL Team
 Date of Sampling : 18/09/2020
 Sampling duration (Minutes) : 32 Min.
 Stack attached to : --
 Make of stack : Iron
 Diameter of stack(m) : --
 Height of stack(m) : --
 Instrument calibration status : Calibrated
 Meteorological Condition : Clear Sky
 Ambient Temperature - Ta (°C) : 34
 Temperature of Stack Gases - Ts (°C) : 49
 Velocity of Stack Gases (m/sec.) : 8.99
 Flow rate of PM (LPM) : 32
 Flow rate of Gas (LPM) : --
 Sampling condition : OK
 Protocol used : IS 11255 & EPA

S.No.	Parameters	Test Method	Results	Units	Limits
1	Particulate Matter (as PM)	IS: 11255 (Part1) : 1985,RA 2014	15.48	mg/Nm3	30.0

End of Report

Mis
 (Checked By)



- Note:**
- The results listed refer only to the tested samples & applicable parameters
 - Total liabilities of our lab will be restricted to the invoice amount only
 - The Sample will be destroyed after retention time unless otherwise specified
 - This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law



Vardan EnviroLab



Laboratory: Plot No. 24 & 25, Narayan Vihar, B-Block, Jaipur (Rajasthan) 302020
MoEF & CC Recognized | ISO 9001 | ISO 45001

TC-6652

Test Report

Sample Number : VEL/MCL/S/037

Report No. : VEL/S/2011110037/A

Name & Address of the Party : M/s Mangalam Cement Ltd.
P.O Aditya Nagar -Morak Kota Rajasthan

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 20/11/2020

Period of Analysis : 11/11/2020-20/11/2020

Receipt Date : 11/11/2020

Sample Description : Stack Emission Monitoring

General Information

Sampling Location : Fly Ash Silo (KTPS) Kota

Sample Collected by : Vardan EnviroLab Team

Date of Sampling : 10/11/2020

Sampling duration (Minutes) : 25 Min.

Stack attached to : ---

Make of stack : ---

Diameter of stack(m) : ---

Height of stack(m) : ---

Instrument calibration status : Calibrated

Meteorological Condition : Clear Sky

Ambient Temperature - Ta (°C) : 29

Temperature of Stack Gases - Ts (°C) : 50

Velocity of Stack Gases (m/sec.) : 9.44

Flow rate of PM (LPM) : 36

Flow rate of Gas (LPM) : ---

Sampling condition : OK

Protocol used : IS 11255 & EPA

S.No.	Parameters	Test Method	Results	Units	Limits
1	Particulate Matter (as PM)	IS: 11255 (Part1) : 1985, RA 2014	16.49	mg/Nm3	30.0

End of Report

M. S.
(Checked By)

VARDAN ENVIROLAB
JAIPUR
(Approved By)
Authorised Signatory



Test Report

Sample Number : VEL/S/33

Name & Address of the Party : M/s Mangalam Cement Ltd.

P.O Aditya Nagar -Morak Kota Rajasthan

Report No. : VEL/S/2103040033/A

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 10/03/2021

Period of Analysis : 04/03/2021-10/03/2021

Receipt Date : 04/03/2021

Sample Description : **Stack Emission Monitoring**

General Information

Sampling Location : Fly Ash Silo (KTPS) Kota

Sample Collected by : Vardan EnviroLab Team

Date of Sampling : 03/03/2021

Sampling duration (Minutes) : 67 Min.

Stack attached to : --

Make of stack : --

Diameter of stack(m) : --

Height of stack(m) : --

Instrument calibration status : Calibrated

Meteorological Condition : Clear Sky

Ambient Temperature - Ta (°C) : 34

Temperature of Stack Gases - Ts (°C) : 53

Velocity of Stack Gases (m/sec.) : 8.60

Flow rate of PM (LPM) : 15

Flow rate of Gas (LPM) : --

Sampling condition : Ok


Protocol used : IS 11255 & EPA

S.No.	Parameters	Test Method	Results	Units	Limits
1	Particulate Matter (as PM)	IS: 11255 (Part1) : 1985,RA 2014	20.81	mg/Nm3	30.0

End of Report

DINESH PALSANIYA

RAJ KUMAR YADAV


 (Checked By) L MANAGER


 (Approved By)
 G M LAB OPERATION



TEAM TEST HOUSE

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

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

RSPCB

ISO 9001:2015

OHSAS 18001:2007

JDA/UDH

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Laboratory : G1-584, RIICO Industrial Area,
Sitapura, Jaipur - 302022, Rajasthan
Phone : +91 9460222039, 9460222049,
Email : director@teamtesthouse.com,
Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502520400000942F	Date :	27-06-2020
Issued To :	M/S Mangalam Cement Ltd. P.O. Aditya Nagar-Morak 326520, Kota (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	16-06-2020
Point of Collection :	Near Main Gate (KTPS)	Date of Receipt :	22-06-2020
Date of Test/Analysis :	22-06-2020 to 27-06-2020	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Rakesh Sharma
Unit's representative :	V.K. Mehata	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	280	IS 5182 (Part 10) : 1999 RA 2019	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m3]	13.25	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Particulate Matter (PM _{2.5}) [microgram/m3]	23.25	CPCB Guidelines	60.00
4	Sulphur Dioxide [microgram/m3]	4.96	IS 5182 (Part 2) : 2001 RA 2017	80.00
5	Particulate Matter (PM 10) [microgram/m3]	75.97	IS 5182 (Part 23)-2006 RA 2017	100.00

Notes :-

- # Parameter No. 1,2,3,4,5 covered under NABL scope and Parameter No. NONE does not cover under NABL scope
- # Parameter No. NONE outsourced for testing.
- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used evidence in the court of law and should not be used in any advertising media without our special permission in writing.
- # The samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified.

Puran
Puran Mai Yogi
Senior Analyst

Rajesh
Rajesh Maheshwari
Authorized Signatory

(Report No: TC502520400000942F)



Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035

Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051

MoEF & CC Recognised | ISO 9001 | OHSAS 45001

Test Report

Sample Number : VEL/MCL/AA/01

Name & Address of the Party : M/s Mangalam Cement Ltd.
P.O Aditya Nagar -Morak Kota Rajasthan

Report No. : VEL/A/2009210012/A

Format No : 7.8 F-01

Party Reference No : NIL

Reporting Date : 24/09/2020

Period of Analysis : 24/09/2020-24/09/2020

Receipt Date : 21/09/2020

Sample Description : AMBIENT AIR

General Information

Sampling Location : Near Main Gate (KTPS), Kota

Sample Collected by : VEL Team

Sampling Equipment used : RDS/FPS

Instrument Code : VEL/JAI/RDS/04/FPS/0

Instrument Calibration Status : Calibrated

Latitude : -

Longitude : -

Meteorological condition during monitoring : Clear Sky

Date of Monitoring : 18/09/2020

Time of Monitoring : 10.00 TO 10.00 Hrs.

Ambient Temperature (°C) : Min. 24 , Max. 35

Surrounding Activity : Human, Vehicular & Thermal power Plant Activity

Scope of Monitoring : Regulatory Requirement

Sampling & Analysis Protocol : IS :5182

Sampling Duration : 24 Hrs.

Parameter Required : As Per Work Order

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
1	Particulate Matter (as PM -10)	IS:5182 (P- 23)-2006, RA. 2017	57.74	µg/m ³	100
2	Particulate Matter (as PM - 2.5)	IS:5182 (P- 24)-2001, RA. 2017	26.21	µg/m ³	60
3	Nitrogen Dioxides (as NO2)	IS:5182 (P- 6)-2006 RA.2017	15.37	µg/m ³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2017	7.37	µg/m ³	80

End of Report

Mishra
(Checked By)



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Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035

Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051

MoEF & CC Recognised | ISO 9001 | OHSAS 45001

Test Report

Sample Number : VEL/MCL/AA/01

Name & Address of the Party : M/s Mangalam Cement Ltd.
P.O Aditya Nagar -Morak Kota Rajasthan

Report No. : VEL/A/2009210012/B

Format No : 7.8 F-01

Party Reference No : NIL

Reporting Date : 24/09/2020

Period of Analysis : 24/09/2020-24/09/2020

Receipt Date : 21/09/2020

Sample Description : AMBIENT AIR

General Information

Sampling Location : Near Main Gate (KTPS),Kota

Sample Collected by : VEL Team

Sampling Equipment used : RDS/FPS

Instrument Code : VEL/JAI/RDS/04/FPS/0

Instrument Calibration Status : Calibrated

Latitude : --

Longitude : --

Meteorological condition during monitoring : Clear Sky

Date of Monitoring : 18/09/2020

Time of Monitoring : 10.00 TO 10.00 Hrs.

Ambient Temperature (°C) : Min. 24 , Max. 35

Surrounding Activity : Human, Vehicular & Thermal power Plant Activity

Scope of Monitoring : Regulatory Requirement

Sampling & Analysis Protocol : IS :5182

Sampling Duration : 24 Hrs.

Parameter Required : As Per Work Order

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
1	Carbon Monoxide (as CO)	By Analyzer	0.40	mg/m ³	4.0

End of Report

(Checked By)



- Note:
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 - Total liabilities of our lab will be restricted to the invoice amount only
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Test Report

Sample Number : VEL/MCL/AA/11
 Name & Address of the Party : M/s Mangalam Cement Ltd.
 P.O Aditya Nagar -Morak Kota Rajasthan

Report No. : VEL/A/2011110010/A
 Format No : 7 8 F-01
 Party Reference No : NIL
 Report Date : 20/11/2020
 Period of Analysis : 11/11/2020-20/11/2020
 Receipt Date : 11/11/2020

Sample Description : AMBIENT AIR

General Information

Sampling Location : Nr Main Gate (KTPS) Kota
 Sample Collected by : Vardan EnviroLab Team
 Sampling Equipment used : RDS/FPS
 Instrument Code : VEL/JAI/RDS/09/FPS/01
 Instrument Calibration Status : Calibrated
 Latitude : 24°47'31"
 Longitude : 75°59'31"
 Meteorological condition during monitoring : Clear Sky
 Date of Monitoring : 10/11/2020 To 11/11/2020
 Time of Monitoring : 10 45 to 10 45 Hrs
 Ambient Temperature (°C) : Min. 23° Max. 32°
 Surrounding Activity : Human, Vehicular & Plant Activities
 Scope of Monitoring : Regulatory Requirement
 Sampling & Analysis Protocol : IS :5182
 Sampling Duration : 24 Hrs
 Parameter Required : As Per Work Order

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
1	Particulate Matter (as PM -10)	IS:5182 (P- 23)-2006,RA. 2017	52.59	µg/m ³	100
2	Particulate Matter (as PM - 2.5)	IS:5182 (P- 24)-2019	28.53	µg/m ³	60
3	Nitrogen Dioxides (as NO ₂)	IS:5182 (P- 6)-2006 RA.2017	13.45	µg/m ³	80
4	Sulphur Dioxide (as SO ₂)	IS:5182 (P- 2)-2001, RA. 2017	6.72	µg/m ³	80

End of Report


 (Checked By)





Test Report

Sample Number : VEL/MCL/AA/11
 Name & Address of the Party : M/s Mangalam Cement Ltd.
 P.O Aditya Nagar -Morak Kota Rajasthan

Report No. : VEL/A/2011110010/B
 Format No : 7 8 F-01
 Party Reference No : NIL
 Report Date : 20/11/2020
 Period of Analysis : 11/11/2020-20/11/2020
 Receipt Date : 11/11/2020

Sample Description : AMBIENT AIR

General Information

Sampling Location : Nr. Main Gate (KTPS) Kota
 Sample Collected by : Vardan EnviroLab Team
 Sampling Equipment used : RDS/FPS
 Instrument Code : VEL/JAI/RDS/09/FPS/01
 Instrument Calibration Status : Calibrated
 Latitude : 24°47'31"
 Longitude : 75°59'31"
 Meteorological condition during monitoring : Clear Sky
 Date of Monitoring : 10/11/2020 To 11/11/2020
 Time of Monitoring : 10 45 to 10 45 Hrs
 Ambient Temperature (°C) : Min, 23° Max 32°
 Surrounding Activity : Human, Vehicular & Plant Activities
 Scope of Monitoring : Regulatory Requirement
 Sampling & Analysis Protocol : IS :5182
 Sampling Duration : 24 Hrs
 Parameter Required : As Per Work Order

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
1	Carbon Monoxide (as CO)	By Analyzer	0.33	mg/m ³	4.0

End of Report

(Checked By)





Test Report

Sample Number : VEL/AA/08
 Name & Address of the Party : M/s Mangalam Cement Ltd.
 P.O Aditya Nagar -Morak Kota Rajasthan

Report No. : VEL/A/2103040007/A
 Format No : 7.8 F-01
 Party Reference No : NIL
 Report Date : 09/03/2021
 Period of Analysis : 04/03/2021-09/03/2021
 Receipt Date : 04/03/2021

Sample Description : AMBIENT AIR

General Information

Sampling Location : Nr. Main Gate (KTPS) Kota
 Sample Collected by : Vardan EnviroLab Team
 Sampling Equipment used : RDS/FPS
 Instrument Code : VEL/JAI/RDS/07/FPS/07
 Instrument Calibration Status : Calibrated
 Latitude : 24°47'34"
 Longitude : 75°59'37"
 Meteorological condition during monitoring : Clear Sky
 Date of Monitoring : 03/03/2021 To 04/03/2021
 Time of Monitoring : 10.00 TO 10.00 Hrs.
 Ambient Temperature (°C) : Min. 19° Max. 33°
 Surrounding Activity : Human, Vehicular & Other Activities
 Scope of Monitoring : Regulatory Requirement
 Sampling & Analysis Protocol : IS :5182
 Sampling Duration : 24 Hrs.
 Parameter Required : As Per Work Order

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
1	Particulate Matter (as PM -10)	IS:5182 (P- 23)-2006,RA. 2017	59.02	µg/m ³	100
2	Particulate Matter (as PM - 2.5)	IS:5182 (P- 24)-2019	32.06	µg/m ³	60
3	Nitrogen Dioxides (as NO ₂)	IS:5182 (P- 6)-2006 RA.2017	13.20	µg/m ³	80
4	Sulphur Dioxide (as SO ₂)	IS:5182 (P- 2)-2001, RA. 2017	6.85	µg/m ³	80

End of Report

DINESH SANSANIYA

(Checked By)

BY TECHNICAL MANAGER

RAJ KUMAR YADAV

(Approved By)

G M LAB OPERATION



Test Report

Sample Number : VEL/AA/08
 Name & Address of the Party : M/s Mangalam Cement Ltd.
 P.O Aditya Nagar -Morak Kota Rajasthan

Report No. : VEL/A/2103040007/B
 Format No : 7.8 F-01
 Party Reference No : NIL
 Report Date : 09/03/2021
 Period of Analysis : 04/03/2021-09/03/2021
 Receipt Date : 04/03/2021

Sample Description : AMBIENT AIR

General Information

Sampling Location : Nr. Main Gate (KTPS) Kota
 Sample Collected by : Vardan EnviroLab Team
 Sampling Equipment used : RDS/FPS
 Instrument Code : VEL/JAI/RDS/07/FPS/07
 Instrument Calibration Status : Calibrated
 Latitude : 24°47'34"
 Longitude : 75°59'37"
 Meteorological condition during monitoring : Clear Sky
 Date of Monitoring : 03/03/2021 To 04/03/2021
 Time of Monitoring : 10.00 TO 10.00 Hrs.
 Ambient Temperature (°C) : Min. 19° Max. 33°
 Surrounding Activity : Human, Vehicular & Other Activities
 Scope of Monitoring : Regulatory Requirement
 Sampling & Analysis Protocol : IS :5182
 Sampling Duration : 24 Hrs.
 Parameter Required : As Per Work Order

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
1	Carbon Monoxide (as CO)	By Analyzer	0.35	mg/m ³	4.0

End of Report

DINESH PALSANIYA

RAJ KUMAR YADAV


 (Checked-By)

LAB MANAGER


 (Approved By)

G M LAB OPERATION