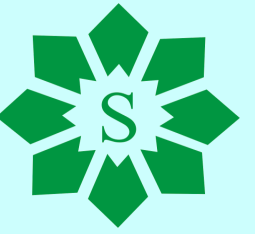




**SAGAR CEMENTS LIMESTONE MINE
OF
SAGAR CEMENTS LIMITED,**

**Sustainable Development Framework (SDF)
and CSR Initiatives**

SAGAR CEMENTS LIMITED PLANT VIEW



About SAGAR CEMENTS LIMITED.....

M/s. Sagar Cements Limited is a company established under the companies Act in the year of 1984, in Mattampally Village and Mandal, Nalgonda District (Now Suryapet District) with its captive limestone mine located at Pedaveedu Village. The Company is in the field of limestone Mining and cement manufacturing since the inception. Presently Sagar Cements Limited is operating Cement Plant with a Capacity of 2.0 MTPA Clinker.

INTEGRATED MANAGEMENT SYSTEM (IMS) CERTIFICATION DETAILS

Sagar Cements Ltd., Mattampally unit is IMS certified since 13th June 2014 includes;

- Quality Management System : ISO 9001- 2015
- Environmental Management System : ISO 14001 - 2015
- Occupational Health & Safety : OHSAS 8001 – 2007

IMS allows the management team to create one system that can help to effectively and efficiently deliver organizational goals.

DNV·GL

MANAGEMENT SYSTEM CERTIFICATE

Certificate No: 156663-2014-AE-IND-RvA Initial certification date: 13, June, 2014 Valid: 13, June, 2017 - 12, June, 2020

This is to certify that the management system of

Sagar Cements Limited
 Head Office: Plot No. 111, Road No. 10, Jubilee Hills, Hyderabad - 500 033, Telangana, India
 Site I: Mattampally (PO & M) - 508 204, Suryapet District, Telangana, India

has been found to conform to the Quality Management System standard:
ISO 9001:2015

This certificate is valid for the following scope:
Manufacture of clinker and cement

Place and date:
 Chennai, 13, June, 2017

The RvA is a signatory to the IAF MLA

For the issuing office:
 DNV GL - Business Assurance
 ROBA, No. 10, GST Road, Alandur,
 Chennai - 600 016, India

 Srivatsan Madiyath
 Management Representative

Lack of fulfillment of conditions as set out in the Certification Agreement may render this Certificate invalid.
 Kopparthi, Hyderabad - 500 016, India. Tel: +91 020 22000000. Fax: +91 020 22000001. Email: info@dnv.com

DNV·GL

MANAGEMENT SYSTEM CERTIFICATE

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has been found to conform to the Environmental Management System standard:
ISO 14001:2015

This certificate is valid for the following scope:
Manufacture of clinker and cement

Place and date:
 Chennai, 13, June, 2017

The RvA is a signatory to the IAF MLA

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DNV·GL

MANAGEMENT SYSTEM CERTIFICATE

Certificate No: 156670-2014-IND-OWV Initial certification date: 13, June, 2014 Valid: 13, June, 2017 - 12, June, 2020

This is to certify that the management system of

Sagar Cements Limited
 Head Office: Plot No 111, Road No 10, Jubilee Hills, Hyderabad - 500 033, Telangana, India
 Site I: Mattampally (PO & M) - 508 204, Suryapet District, Telangana, India

has been found to conform to the Occupational Health and Safety Management System standard:
OHSAS 18001:2007

This certificate is valid for the following scope:
Manufacture of clinker and cement

Place and date:
 Chennai, 13, June, 2017

The RvA is a signatory to the IAF MLA

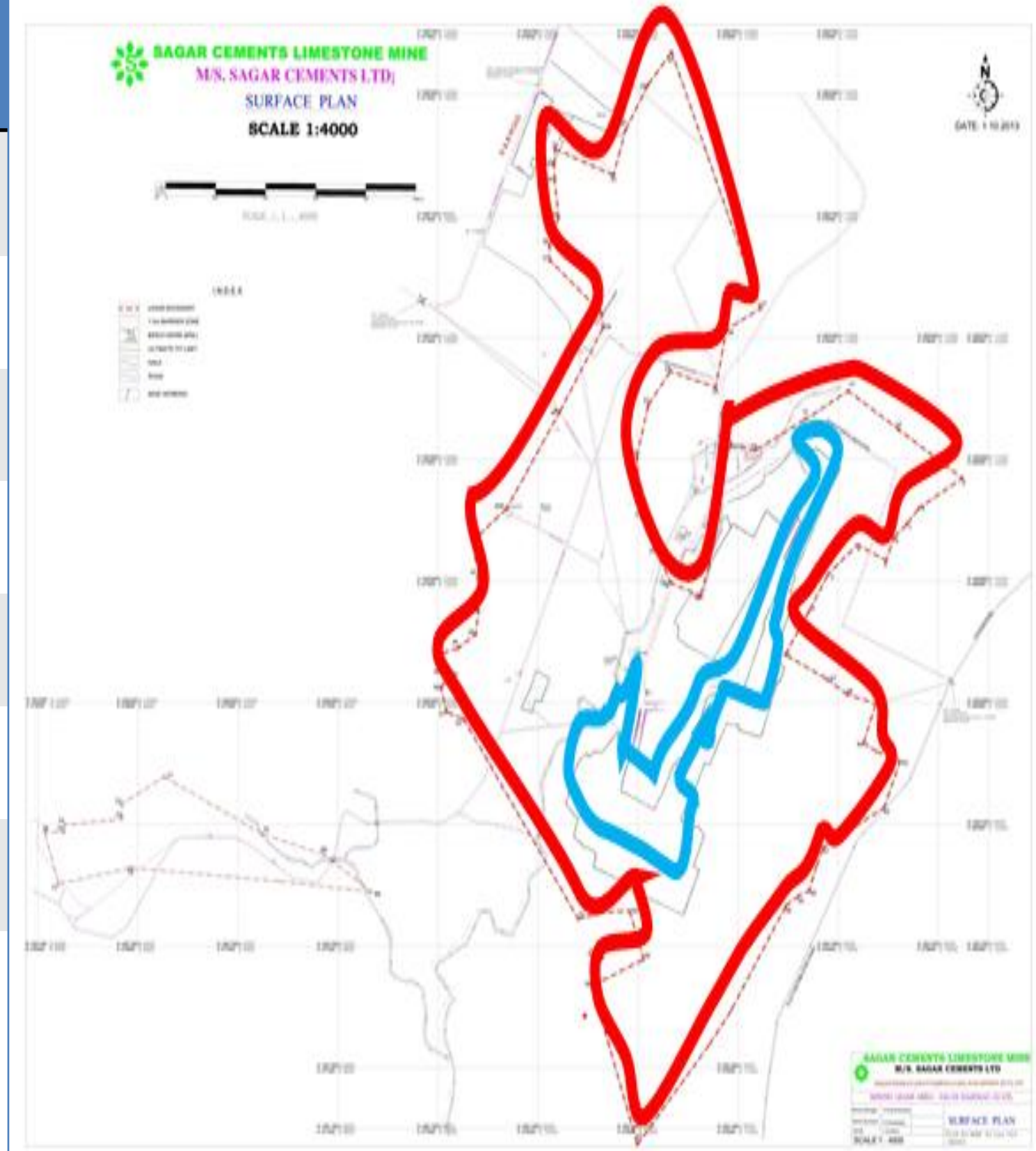
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Particulars of Mining Lease

Name of the Mine	Sagar Cements Limestone Mine
Mine Opening Date (Initial)	18.08.1984
Extent	326.58 Ha
Lease Validity	17.08.2034
Category of Lands	Govt. & Patta Lands
Location (Geo Co Ordinates)	79° 50' 21.6" – 79° 52' 23.3"
Topo sheet No	56 P/13&14 on 1: 50000 Scale
Type of Mining	Conventional Open Cast (Mechanized) by deploying Heavy Earth Moving Machinery



Afforestation Within Mining Lease area

Acquired area in Ha	
Area under afforestation(in Ha) During 2017-18	2.005 Ha
Cumulative Upto 2017-18	89.104 Ha.
Number of trees planted During 2017-18	5276 Trees
Cumulative Upto 2017-18	209896Trees
Number of Plants per Ha	More than 2000 plants per
House keeping including display of Plantation details	Good & Details of plantation were displayed at all the plantation locations.
Type of plant species	Nemalinara, Subabul, Dubai, etc.
Avenue Plantation	About 2 Ha. of area covered with avenue plantation.
Survival Rate	WML area - 86% OML - 82%
Maintenance of nursery/Procurement of Saplings	Maintaining Nursery at plant premises.
Aftercare of saplings planted	Good



Neem Plantation within mining lease area



View of Afforestation Within Mining Lease Area



lease Boundary



Along the Crusher Conveyor Belt



Near Crusher



Near Secondary Crusher



Fruit Garden



Near 40 KL HSD Bunk



Near AN Store Room

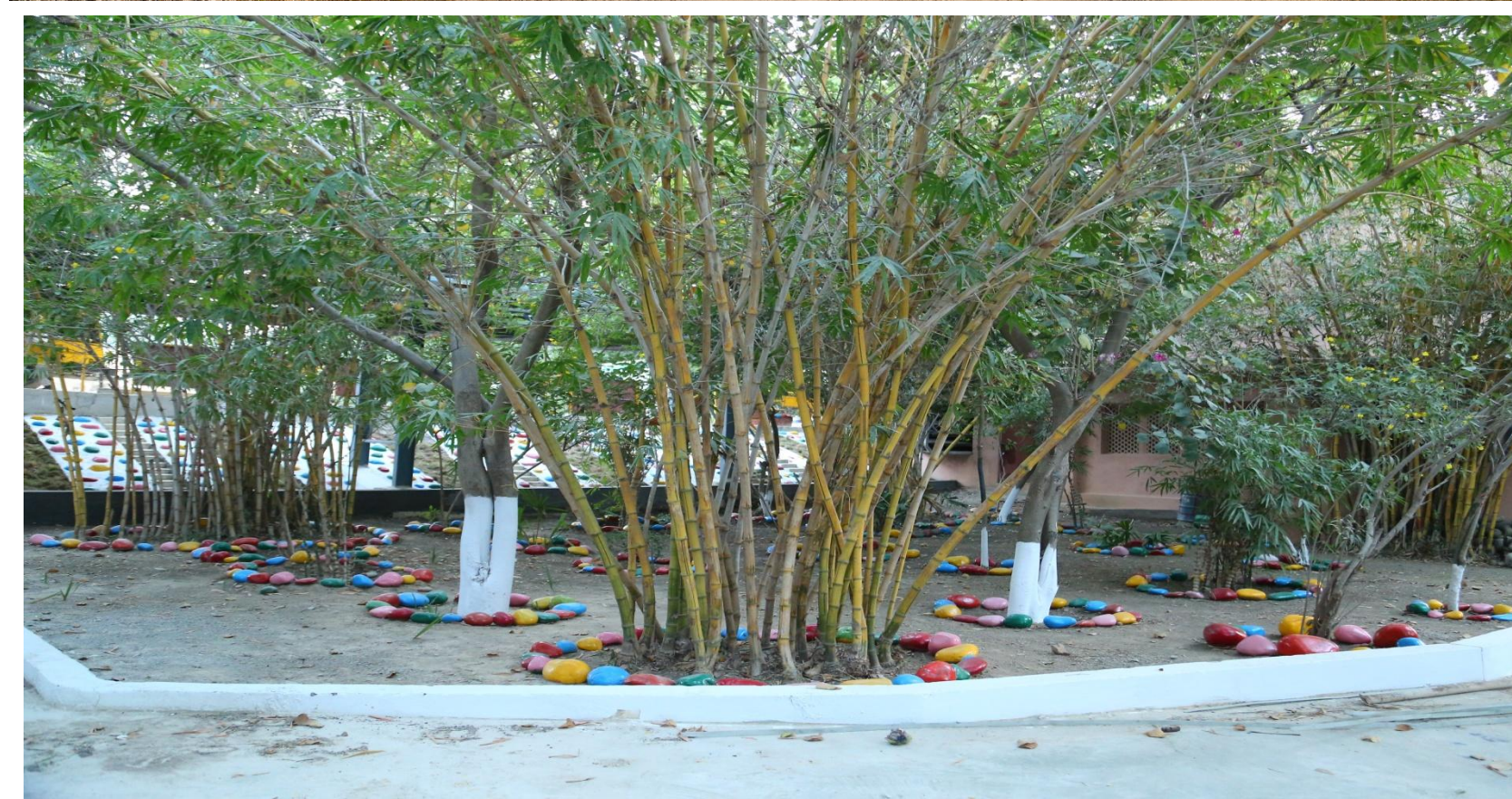


Along the Haul Road



Near Crusher

Avenue Plantation & Aesthetic beauty within ML Area



Afforestation Outside Mining Lease

Acquire area in Ha	
Area under afforestation(in Ha) During 2017-18	12.08 Ha.
Cumulative Upto 2017-18	129.104 Ha
Number of trees planted During 2017-18	46,722 Trees
Cumulative Upto 2017-18	3,28,326 Trees
Number of Plants per Ha	More than 2000 Per/Ha
House keeping including display of Plantation details	Good & Details of plantation were displayed at all the location
Type of plant species	Nemalinara,Kanuga,Dubai,Subabul
Avenue Plantation	About 20 Ha. of area covered with avenue plantation
Survival Rate	82%
Maintenance of nursery/Procurement of Saplings	Maintaining Nursery at plant premises
Aftercare of saplings planted	Good.



Plantation near mines E-side within MLB area



Plantation on 7.5m MLB Safety Barrier area

Nursery being maintained by Sagar cements Limited



Garden & Green Belt Development Near Temple in the colony



Thickness of top soil	0.5 to 5 mtrs.
Collection and storage During 2017-18	Nil
Cumulative Upto 2017-18	279682 Cu.Mtrs
Utilization During 2017-18	Nil
Cumulative Upto 2017-18	279682 Cu.Mtrs

a) Proper design and Maintenance of waste dumps Terraces, dump slopes, drainage channel on Terraces, berms etc

Waste Dump being maintained as per the statutory provisions.

b) Building & maintenance of check dams, Retention wall, pack wall, garland drains, Gully plugs, silt tank etc.

Being maintained as per the proposals made in the approved SOM.

c) Growing of grass, suitable plants on the Inactive dumps with or without geo-textile/ Coir matting

No inactive dumps present.





Aloe vera Plantation on Dump Slopes

Silt Settling Tank constructed across the Garland Drain



Top View of Limestone Waste/OB Dump



Garland Drain



Check Dams

REDMI NOTE 5 PRO
MI DUAL CAMERA

Systematic and Scientific Mining Operations

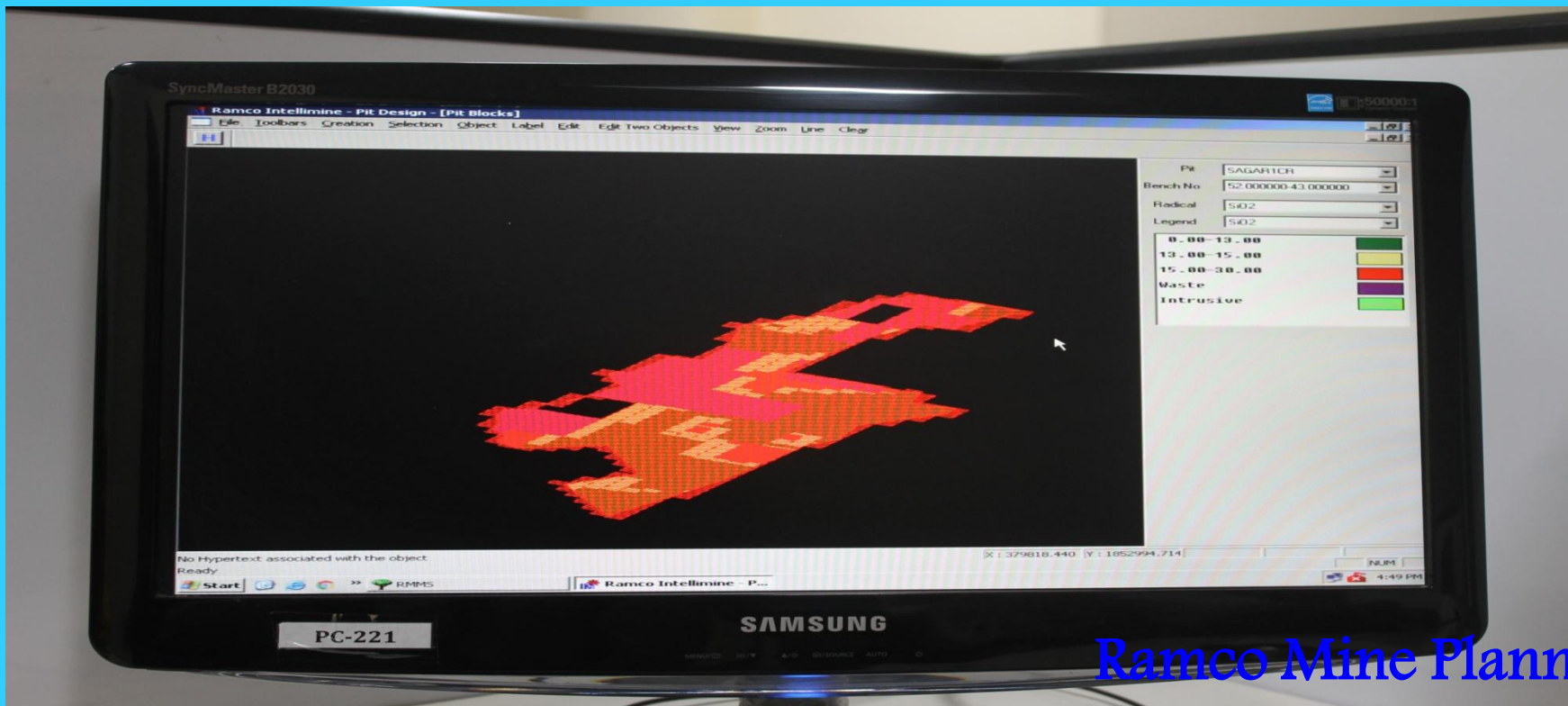




Core Drilling Machine CDR 100



Water Sprinkling on Haul Roads



Ramco Mine Planning Software



Systematic Development of benches



Grease Trap Point



Humus preparation pit & application to plants



Grease Trap Point

Ambient Air Quality Monitoring :- AAQ is being monitored by M/s. Lawn Environ Associates, Hyderabad at 10 locations of core and buffer zones of ML area once in a quarter as proposed in the approved SOM. all the values are well within the permissible Limit.

LAWN ENVIRO ASSOCIATES
[Engineers & Consultants in Pollution Control]
Recognised by Ministry of Environment Forest & Climate Change (MoEF & CC), GOI, New Delhi & Laboratory Accredited by NABL

TEST REPORT

REF.NO: LAWN/SCL-M/2018 Date: 29-9-2018

AMBIENT AIR QUALITY DATA - CORE ZONE

Name of the Industry & Address : **M/s. SAGAR CEMENTS LIMITED, (MINES)**
Mattampally (Post & Mandal),
Suryapet - (Dist).

Location	Near Drilling	Near Loading	LIMIT	PROTOCOL
1. Date of sampling	18-9-2018	18-9-2018	--	--
2. Total time of monitoring	24 hr	24 hr	--	--
3. Average flow rate (cum/min)	1.06	1.11	--	--
4. Particulate matter concentration ($\mu\text{g}/\text{m}^3$) -PM ₁₀	68	79	<100	IS-5182 (Part-23)
5. Particulate matter concentration ($\mu\text{g}/\text{m}^3$) -PM _{2.5}	25	30	<60	NAAQMS/36/2012-13
6. Sulphur dioxide(SO ₂) Concentration ($\mu\text{g}/\text{m}^3$)	07	12	<80	IS-5182 (Part-2)
7. Nitrogen dioxide(NO ₂) Concentration ($\mu\text{g}/\text{m}^3$)	21	23	<80	IS-5182 (Part-6)
8. CO, Concentration (ppm)	<1	<1	<2	IS-5182 (Part-10)

AUTHORISED SIGNATORY

1. RESPIRABLE DUST SAMPLER MODEL /SL.NO. RDS 9000 / 040506
2. RESPIRABLE DUST SAMPLER MODEL /SL.NO. RDS 9000 / 040507

Head Office : "LAWN HOUSE", #184-C, Vengalrao Nagar, Hyderabad - 500 038. (T.S.) INDIA. Tel : 040-66730925, 66730926, Fax : 040-66730926
Branch Office : H.No.31-56-2/1, Ground Floor, Siman Nagar, Kurmannapalem, Visakhapatnam - 530046 (A.P) INDIA. Tel : +91-9030029925
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TEST REPORT

REF.NO: LAWN/SCL-M/2018 Date: 29-9-2018

AMBIENT AIR QUALITY DATA - BUFFER ZONE

Name of the Industry & Address : **M/s. SAGAR CEMENTS (MINES)**
Mattampally (Post & Mandal),
Suryapet - (Dist).

Location	Mattampally Village	Pedaveedu Village	LIMIT	PROTOCOL
1. Date of sampling	19-9-2018	19-9-2018	--	--
2. Total time of monitoring	24 hr	24 hr	--	--
3. Average flow rate (cum/min)	1.05	1.12	--	--
4. particulate matter concentration ($\mu\text{g}/\text{m}^3$) -PM ₁₀	60	58	<100	IS-5182 (Part-23)
5. particulate matter concentration ($\mu\text{g}/\text{m}^3$) -PM _{2.5}	23	20	<60	NAAQMS/36/2012-13
6. Sulphur dioxide(SO ₂) Concentration ($\mu\text{g}/\text{m}^3$)	08	13	<80	IS-5182 (Part-2)
7. Nitrogen dioxide(NO ₂) Concentration ($\mu\text{g}/\text{m}^3$)	20	16	<80	IS-5182 (Part-6)
8. CO, Concentration (ppm)	<1	<1	<2	IS-5182 (Part-10)

AUTHORISED SIGNATORY

1. RESPIRABLE DUST SAMPLER MODEL /SL.NO. RDS 9000 / 040140
2. RESPIRABLE DUST SAMPLER MODEL /SL.NO. RDS 9000 / 040139

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TEST REPORT

REF.NO: LAWN/SCL-M/2018 Date: 29-9-2018

AMBIENT AIR QUALITY DATA - CORE ZONE

Name of the Industry & Address : **M/s. SAGAR CEMENTS LIMITED, (MINE-1)**
Mattampally (Post & Mandal),
Suryapet - (Dist).

Location	Near Conveyor Transfer Point - 1	Near Conveyor Transfer Point - 2	LIMIT	PROTOCOL
1. Date of sampling	22-9-2018	22-9-2018	--	--
2. Total time of monitoring	24 hr	24 hr	--	--
3. Average flow rate (cum/min)	1.12	1.19	--	--
4. Particulate matter concentration ($\mu\text{g}/\text{m}^3$) -PM ₁₀	76	69	<100	IS-5182 (Part-23)
5. Particulate matter concentration ($\mu\text{g}/\text{m}^3$) -PM _{2.5}	28	24	<60	NAAQMS/36/2012-13
6. Sulphur dioxide(SO ₂) Concentration ($\mu\text{g}/\text{m}^3$)	14	09	<80	IS-5182 (Part-2)
7. Nitrogen dioxide(NO ₂) Concentration ($\mu\text{g}/\text{m}^3$)	26		<80	IS-5182 (Part-6)

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E-mail : lawnenviro@yahoo.co.in, Website : www.lawnenviro.com

Surface Water Quality & Ground Water Quality:- Water Quality is being monitored by M/s. Lawn Environ Associates, Hyderabad at 3 locations with in the ML area and all the values are well with in the permissible Limits.

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TEST REPORT

REF.NO: LAWN/SCL-M/2018

Date: 29-9-2018

WATER ANALYSIS

Name of the Industry & Address : **M/s. SAGAR CEMENTS LIMITED, (MINES),**
Mattampally (Post & Mandal),
Suryapet - (Dist).

Sample Particular : Bore well (Mines)
Date of Collection : 22-9-2018
Date of Analysis : 24-9-2018
PROTOCOL : A.P.H.A

1. pH	:	7.74
2. Colour (Hazen)	:	Nil
3. Temperature °C	:	32
4. E.C (micromhos/cm)	:	1,373
5. Turbidity (NTU)	:	1.20
6. Total dissolved solids	:	846
7. Phenolphthalein alkalinity as CaCO ₃	:	Nil
8. Methyl orange alkalinity as CaCO ₃	:	300
9. Total hardness as CaCO ₃	:	266
10. Calcium as Ca	:	74
11. Magnesium as Mg	:	19.69
12. Sodium as Na	:	170
13. Potassium as K	:	20.17
14. Chloride as Cl	:	97
15. Sulphate as SO ₄	:	43
16. Nitrates as NO ₃	:	32
17. Iron as Fe	:	0.25
18. Fluorides as F	:	0.81
19. Total Coliform, MPN/10ml	:	Nil
20. Chemical oxygen demand	:	31
21. Biochemical oxygen demand (3 days at 27 °C)	:	Nil

Note: All the values except pH & E.C. are expressed in mg/L.

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TEST REPORT

REF.NO: LAWN/SCL-M/2018

Date: 29-9-2018

WATER ANALYSIS

Name of the Industry & Address : **M/s. SAGAR CEMENTS LIMITED, (MINES)**
Mattampally (Post & Mandal),
Suryapet - (Dist).

Sample Particulars : Mine Discharge Water (Sump Water)
Date of Collection : 22-9-2018
Date of Analysis : 24-9-2018
PROTOCOL : A.P.H.A

LIMITS		
1. pH	:	7.71 5.5 - 9.0
2. Total Suspended Solids	:	30 < 100 8
3. Oil & Grease	:	Traces < 10
4. Iron	:	0.25 < 3.0
5. Fluoride	:	0.81 < 1.5

Note: 1) All the values except pH are expressed in mg/L.
2) All the values are within the limits prescribed by IPM.

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TEST REPORT

REF.NO: LAWN/SCL-M/2018

Date: 29-9-2018

WATER ANALYSIS

Name of the Industry & Address : **M/s. SAGAR CEMENTS LIMITED, (MINES),**
Mattampally (Post & Mandal),
Suryapet - (Dist).

Sample Particular : Drinking Water
Date of Collection : 22-9-2018
Date of Analysis : 24-9-2018
PROTOCOL : A.P.H.A

		As per IS:10500 - 2012 Requirement (Acceptable Limit)	Permissible Limit in the absence of alternate source	
1. pH	:	7.62	6.50 - 8.50	No relaxation
2. Colour (Hazen)	:	<5	5max	15max
3. Temperature °C	:	29	--	--
4. E.C (micromhos/cm)	:	314	--	--
5. Turbidity (NTU)	:	Nil	01 max	05 max
6. Total dissolved solids	:	183	500 max	2000 max
7. Phenolphthalein alkalinity as CaCO ₃	:	Nil	--	--
8. Methyl orange alkalinity as CaCO ₃	:	112	--	--
9. Total hardness as CaCO ₃	:	37	200 max	600 max
10. Calcium as Ca	:	11	75 max	200 max
11. Magnesium as Mg	:	2.31	30 max	100 max
12. Sodium as Na	:	53	--	--
13. Potassium as K	:	2.79	--	--
14. Chloride as Cl	:	24	250 max	1000 max
15. Sulphate as SO ₄	:	8.0	200 max	400 max
16. Nitrates as NO ₃	:	2.88	45 max	No relaxation
17. Iron as Fe	:	0.16	0.3 max	No relaxation
18. Fluorides as F	:	0.32	1.0 max	1.5 max
19. Total Coliform, MPN/10ml	:	Absent	Absent	--
20. Chemical oxygen demand	:	Nil	--	--
21. Biochemical oxygen demand (3 days at 27 °C)	:	Nil	--	--

Note: All the values except pH & E.C. are expressed in mg/L.

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 E-mail : lawnenviro@yahoo.co.in, Website : www.lawnenviro.com

Environmental Monitoring Contd...

Noise Level Monitoring Details:- Noise Levels Monitoring is being conducted by M/s. Lawn Environ Associates, Hyderabad, at 10 Mining Locations once in a quareter and Noise Levels are within the permissible limits.

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ISO 9001, 14001 & OHSAS 18001 CERTIFIED COMPANY

TEST REPORT

REF. NO: LAWN/SCL-M/2018 Date: 29-9-2018

NOISE QUALITY DATA

Name of the Industry & Address : **M/s. SAGAR CEMENTS LIMITED, (MINE-1) Mattampally (Post & Mandal), Suryapet - (Dist).**

Location	Levels in dB (A) - Leq	
	Day time	Night time
1. Near Shovel Working	85.30	79.20
2. Near Drill Working	83.50	78.40
3. Inside Tipper Cabin	78.20	73.70
4. Near Crusher Hopper	84.60	79.10
5. Near Haulage Road	76.80	71.50
6. Near Dumping	73.70	68.90
7. Near Drilling	80.10	74.30
8. Near Loading	87.40	82.60

Note: 1. Noise levels monitoring conducted on 20-9-2018. Instrument make - Lutron SL - 4001 /G-49271(Made in Taiwan)
2. The noise Pollution (Regulation and Control) Rules, 2000 Schedule, Rule3(1) and 4(1), Section 7 -(IX) factories act - Limit < 90 dB (A).

AUTHORIZED SIGNATORY

7/6/10/18

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TEST REPORT

REF. NO: LAWN/SCL-M/2018 Date: 29-9-2018

AMBIENT NOISE LEVELS DATA

Name of the Industry & Address : **M/s. SAGAR CEMENTS LIMITED, (MINE-1) Mattampally (Post & Mandal), Suryapet - (Dist).**

Location	Levels in dB (A) - Leq	
	Day time	Night time
1. North – East side of boundary	65	58
2. South – West side of boundary	60	54

Note: 1. Noise levels monitoring conducted on 20-9-2018. Instrument make - Lutron SL - 4001 /G-49271(Made in Taiwan)
2. Day time is reckoned in between 6.0 am and 10.0 pm., Limit <75 dB (A)
3. Night time is reckoned in between 10.0 pm and 6.0 am – Limit <70 dB (A).

AUTHORIZED SIGNATORY

7/6/10/18

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ISO 9001, 14001 & OHSAS 18001 CERTIFIED COMPANY

TEST REPORT

REF. NO: LAWN/SCL-M/2018 Date: 29-9-2018

AMBIENT NOISE LEVELS DATA

Name of the Industry & Address : **M/s. SAGAR CEMENTS LIMITED, (MINE-1) Mattampally (Post & Mandal), Suryapet - (Dist).**

Location	Levels in dB (A) - Leq	
	Day time	Night time
SE ML Boundary	61	53

Note: 1. Noise levels monitoring conducted on 20-9-2018. Instrument make - Lutron SL - 4001 /G-49271(Made in Taiwan)
2. Day time is reckoned in between 6.0 am and 10.0 pm., Limit <75 dB (A)
3. Night time is reckoned in between 10.0 pm and 6.0 am – Limit <70 dB (A).

AUTHORIZED SIGNATORY

7/6/10/18

Head Office : "LAWN HOUSE", #184-C, Vengalrao Nagar, Hyderabad - 500 038. (T.S.) INDIA. Tel : 040-66730925, 66730926, Fax : 040-66730926
Branch Office : H.No.31-56-2/1, Ground Floor, Siman Nagar, Kurmannapalem, Visakhapatnam - 530046 (A.P) INDIA. Tel : +91-9030029925
E-mail : lawnenviro@yahoo.co.in, Website : www.lawnenviro.com

Environmental Monitoring Contd....

Ground vibration & Free Silica:– Ground Vibration Monitoring is being done by Sagar Cements Limited for each blasting with the Mini Mate Instrument, all the Vibration levels recorded are well with in the permissible limits of statutory guidelines. Air Borne dust and free silica analysis is being monitored once in a year at 5 locations and silica levels are within the permissible limits.

SUMS TECHNO LABS PVT LTD
[Analytical & Environment]
NABL ACCREDITED LABORATORY Cert. No- TC-6224
MOEF RECOGNISED LABORATORY

ISO 9001:2015
ISO 14001:2015
OHSAS 18001:2007

REPORT ON AIR BORNE DUST & FREE SILICA ANALYSIS [Personal Dust Sampler]

- Name of the Mine** : Sagar Cements Limestone Mine-I.
- Name of the Company** : M/s. Sagar Cements Ltd, Mattampally (V & M), Suryapet (Dist), Telangana.
- Sample Collected By** : SUMS Techno Labs Private Limited, Hosapete.
- Date of Sample Collection** : 19.09.2018 & 20.09.2018
- Particulars of Sample Collected** : Sidekick 51-Ex Envirotech APM 800(Serial NO-1085) & Envirotech APM 800(Serial NO-1086)
- Date of Sample Receipt** : 21.09.2018
- Date of Analysis Taken** : 22.09.2018
- Duration of Sampling** : 8 Hours.
- Test Report Issued Date** : 25.09.2018

Sl No.	Sample Location	Details of Persons	Dust Concentration [mg/m ³]	Dust Concentration Limits	Free Silica content [%]	Free Silica content Limits
1	Drilling	G.Anjaneyulu I.D.No.80003	2.19	3mg/m ³	0.038	5%
		R.Ramesh I.D.No.80025	1.74		0.023	
2	Loading	D. Dhayakar Reddy I.D.No.10080	0.695		Not Detected	
3	Haul Road	N.Vijay Kumar I.D.No.80029	0.335		Not Detected	
4	Crusher	D.Prakasham I.D.No.10088	0.737	Not Detected		

ANALYSED BY
Name: E.Ragunatha Reddy
Designation: Senior Chemist



AUTHORISED SIGNATORY
Name: HM. Shivashankaraiah
Designation: Quality Manager

Head Office: 15-DP2, KIADB, Sankalapura Industrial Area, Ballari Road, Hosapete – 583201, Ballari District, Karnataka. Tel/Fax No. 08394-265084, Cell-+91 8884494244, 261, 242, 251, 239.
E-mail: sums.hpt@gmail.com, sumslaboratory@gmail.com, Website: www.sums.org.in
Branch Office : Maakrupa Apartment, 2nd Floor, H.No-201, Near Baldwin School, Nagarabhavi Road, Kalyan Nagar, Bangalore-560072

Instantel Event Report

Date/Time: Vert at 11:53:35 November 6, 2018
Trigger Source: Geo: 0.510 mm/s
Range: Geo: 31.7 mm/s
Record Time: 2.0 sec at 1024 sps

Serial Number: BE21125 V 10.60-1.1 Minimate Blaster
Battery Level: 5.7 Volts (Battery Low)
Unit Calibration: March 21, 2018 by UES, New Delhi
File Name: W125HNXI.D80

Location: Sagar Cements Limestone Mine
Client: Sagar Cements Limited
User Name: Sagar Cements limited
General: Deep hole Blasting

Extended Notes
Location: Pit 1 2south East, No. of Holes-46, Spacing-4.5Mtrs, burden-3 Mtrs, Bench Height- 7 Mtrs.

Microphone: Linear Weighting
PSPL: 32.3 pa.(L) at 0.934 sec
ZC Freq: 21 Hz
Channel Test: Passed (Freq = 20.1 Hz Amp = 507 mv)

PPV: Tran 1.56, Vert 1.68, Long 1.37 mm/s
ZC Freq: 32, 30, >100 Hz
Time (Rel. to Trig): 0.350, 0.333, 0.281 sec
Peak Acceleration: 0.0679, 0.0713, 0.0945 g
Peak Displacement: 0.00753, 0.00775, 0.00515 mm
Sensor Check: Passed, Passed, Passed
Frequency: 7.2, 7.5, 7.7 Hz
Overswing Ratio: 3.5, 3.5, 3.5
Peak Vector Sum: 1.98 mm/s at 0.332 sec

a) Industrial Buildings
b) Domestic houses/structures
c) Historic objects, sensitive structures

Time Scale: 0.20 sec/div Amplitude Scale: Geo: 0.500 mm/s/div Mic: 10.00 pa.(L)/div
Trigger =

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For. SAGAR CEMENTS LTD.
V.SUBRAMANYAM
Manager(Mines)

Instantel Event Report

Date/Time: Vert at 12:08:15 November 7, 2018
Trigger Source: Geo: 0.510 mm/s
Range: Geo: 31.7 mm/s
Record Time: 2.0 sec at 1024 sps

Serial Number: BE21125 V 10.60-1.1 Minimate Blaster
Battery Level: 5.7 Volts (Battery Low)
Unit Calibration: March 21, 2018 by UES, New Delhi
File Name: W125HNZD.PR0

Location: Sagar Cements Limestone Mine
Client: Sagar Cements Limited
User Name: Sagar Cements limited
General: Deep hole Blasting

Extended Notes
Location: Pit 1 2south East, No. of Holes-60, Spacing-5.5Mtrs, burden-3 Mtrs, Bench Height- 8 Mtrs.

Microphone: Linear Weighting
PSPL: 53.0 pa.(L) at 1.299 sec
ZC Freq: 16 Hz
Channel Test: Passed (Freq = 20.1 Hz Amp = 453 mv)

PPV: Tran 0.873, Vert 1.67, Long 1.19 mm/s
ZC Freq: 27, 28, 34 Hz
Time (Rel. to Trig): 0.184, 0.250, 0.319 sec
Peak Acceleration: 0.0298, 0.0431, 0.0331 g
Peak Displacement: 0.00650, 0.00988, 0.00567 mm
Sensor Check: Passed, Passed, Passed
Frequency: 7.4, 7.5, 7.3 Hz
Overswing Ratio: 3.5, 3.5, 3.7
Peak Vector Sum: 1.80 mm/s at 0.252 sec

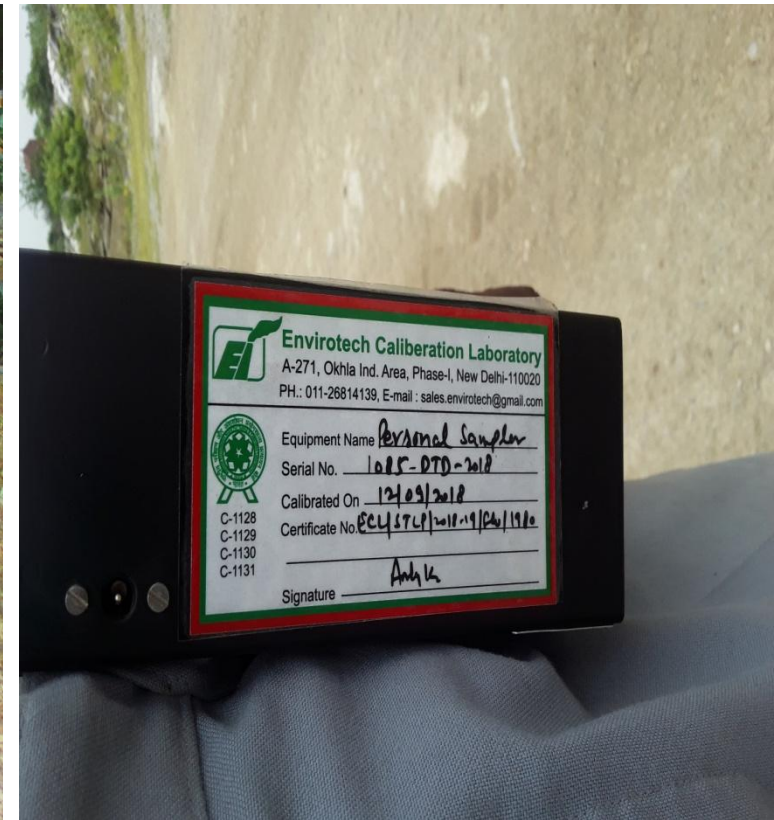
a) Industrial Buildings
b) Domestic houses/structures
c) Historic objects, sensitive structures

Time Scale: 0.20 sec/div Amplitude Scale: Geo: 0.500 mm/s/div Mic: 20.0 pa.(L)/div
Trigger =

Printed: November 10, 2018 (V 10.60 - 10.60) Format © 1995-2013 Xmark Corporation

For. SAGAR CEMENTS LTD.
V.SUBRAMANYAM
Manager(Mines)

Environmental Monitoring Practices Contd...







To Strengthen the infrastructural facilities in the educational Institutes, management has donated 100 No's Table Cum Desk Benches (3Seater) by spending about Rs. 400000/- in the Government School of Choutapally Village, and VVHS High School, Mattampally.





Initiatives by Sagar Cements Limited



SCL has constructed CC roads in Pedaveedu and Mattampally villages by spending about Rs. 30,00,000/-

Provided Machinery and manpower for the electrical installations of Lift Pump



Initiatives by Sagar Cements Limited



Contribution of Rs. 100,000/- to Organise bull Competitions held on the eve of Local Village Festival and Annadanam drinking water provided to Sri Laxmi Narasimha Swamy Kalyana at Mattapally



Initiatives by Sagar Cements Limited



Donated Rs. 10,00,000/- To Dist Collector Suryapet for the development activities in the areas where DMF Trust Fund is not applicable under CSR.



Cash Award to National Athletic Player by our Sr .VP

Construction & Renovation of toilets in the Govt Hostels & Schools.





Initiatives by Sagar Cements Limited.



Donated funds to renovate the Church and Temple of Mattmaplly village



Provided RO Water Plants in Pedaveedu & Mattampally villages



Initiatives by Sagar Cements Limited.



Distributed Printers and Computers in Govt Degree College and financial assistance for the construction of Library at Mattamaply Village.

CSR Expenditure Incurred by SCL Mine – 1, for the FY 2017-18



Sl. No	Parameters	Particulars of work done	Expenditure Incurred (In Rs) 2017-2018	Beneficiaries
1	Water Storage tanks drinking water supply facilities and irrigation support to agriculture	Construction of drinking water tanks, supply of drilling water to Krishna Pushkara Pilgrims etc..	94,300	Villagers of Krishna Thanda and Mattapally
2	Preventive measure for mitigation of mine related health problems	Provided mosquito killing fogging machine to villagers, expenses to medical officers attending health camps etc..	1,73,000	Pedaveedu, Mattampally Villagers
3	Promotion of hygiene and sanitation public health initiatives	Cleaning of garbage on either side of the roads by removing the garbage, Construction of Public Toilets etc..	7,15,590	Mattampally, Miryalaguda Villagers
4	Skill development and vocational training programmes for local communities	Providing skill development programmes for Degree and Diploma completed students under the scheme.	8,50,000	Mattampally and Pedaveedu Villagers
5	Promotion of Literacy and Educations	Free supply of computers and accessories to colleges and schools.	4,45,000	Mattampally and Choutapally villagers
6	Support to social culture recreational activities	Provided Surveillance cameras and financial assistance to develop the traditional/cultural activities.	3,00,000	Mattampally Villagers
7	Livelihood & Socio economic standard implementation on support	Financial assistance to backward communities and SSBM youth club etc..	3,13,340	Mattampally Pedaveedu Villagers.
8	Importance of road connectivity and public transport and other infrastructure facilities	Construction of CC roads, arranging street lights, financial assistance for the construction of Temple, Church and Mosques	73,09,770	Mattampally, Kodad, Huzurnagar, Pedaveedu, Choutapally, Suryapet etc..
Total Expenditure			1,02,01,000	

Photo of Solar Panels arrangement on Roof Top of Railway Wagon Shed. (1.2 MW)



Administrative Office (Mines) View



Greenbelt View in front of Admn. office (Mine)



HOD Chamber



Staff & Officers Chamber



First Aid Station



Record Room



Corridor 1st & 2nd Floor

స్వచ్ఛభారత్ స్ఫూర్తితో సేవా కార్యక్రమాలు



స్వచ్ఛభారత్, మరుగుదొడ్ల వినియోగం వంటివాటిపై స్థానికులకు అవగాహన కల్పించారు. వారం రోజులుగా గనుల పరిసరాలు, కార్యాలయాల్లో పారిశుధ్య కార్యక్రమాలు నిర్వహించినట్లు కర్నాటక గనుల జీఎం వి.సుబ్రహ్మణ్యం చెప్పారు. సీఎస్ఎం లక్ష్మీరెడ్డి, వైద్యాధికారి శ్రీరాంరెడ్డి, విశ్రాంత కార్యదర్శి సీహెచ్ గురవయ్య, ఎస్.వెంకటేశ్వర రెడ్డి తదితరులు పాల్గొన్నారు.

పెదవీడులో రోగులను పరీక్షిస్తున్న డాక్టర్ శ్రీరాంరెడ్డి

మతంపల్లి, న్యూవెంటుడే: స్వచ్ఛభారత్ స్ఫూర్తితో సాగర్ సిమెంట్స్ ఆధ్వర్యంలో పది రోజులుగా పెదవీడు, మతంపల్లి పారిశ్రామిక వాడల్లో సేవా కార్యక్రమాలు చేపడుతున్నారు. ఐటీఐ, గనులు, భూగర్భ వనరుల శాఖల సంయుక్త పర్యవేక్షణలో, నిర్వహిస్తున్న స్వచ్ఛపథాలో భాగంగా పెదవీడులో ఉచిత వైద్యశిబిరం గురువారం ఏర్పాటు చేశారు. పరిసర గిరిజన గ్రామాలకు చెందిన 60 మందికి పరీక్షలు చేసి మందులు అందజేశారు. అనంతరం గ్రామంలోని వీధులను కర్నాటక గనుల ఉద్యోగులు, కార్మికులు శుభ్రం చేశారు.

సాగర్ సిమెంట్స్ ఆధ్వర్యంలో స్వచ్ఛభారత్

మతంపల్లి : మండల పరిధిలోని బిల్యానాయక్ తండాలోని జడ్పీహైస్కూల్లో సాగర్ సిమెంట్స్ పరిశ్రమ ఆధ్వర్యంలో స్వచ్ఛభారత్ నిర్వహించనున్నట్లు పరిశ్రమ వీపీ నాగప్రసాద్, ఏపీపీ జగన్నాథరావు తెలిపారు. ఈ సందర్భంగా వారు మాట్లాడుతూ పరిశ్రమతో పాటు మండల వ్యాప్తంగా స్వచ్ఛభారత్ కార్యక్రమంపై ప్రజలకు అవగాహన కల్పిస్తున్నట్లు తెలిపారు. ఇండ్ల చుట్టూ ఉన్న పరిసరాలను పరిశుభ్రంగా ఉంచుకోవాలని, అంటువ్యాధులు ప్రభలకుండా జాగ్రత్తలు పాటించాలని అన్నారు. అనంతరం పాఠశాల విద్యార్థులకు వ్యక్తిగత శుభ్రతపై అవగాహన కల్పించారు. ప్రతి ఒక్కరూ స్వచ్ఛభారత్ కు కృషి చేయాలన్నారు. అనంతరం పరిశ్రమ ఆధ్వర్యంలో హరితహారంలో భాగంగా మొక్కలు నాటారు. నాటిన ప్రతీ మొక్కను సంరక్షించాలన్నారు. కార్యక్రమంలో మైన్స్ డీజీఎం వి.సుబ్రహ్మణ్యం, పరిశ్రమ ప్రతినిధులు, పాఠశాల ఉపాధ్యాయులు పాల్గొన్నారు.



తెలంగాణ పరిసరాల - వ్యాధులను నివారించు " లిఫ్ లింకంపై

జిల్లా పరిషత్తు, మత్తంపల్లి, సూర్యపేట జిల్లా, సూర్యపేట డి: 27/10/2018 తారీఖున

వ్యాపారచన, మరియు నివాసాల విభాగంలో పాఠశాల నిర్వహించడం -

ఉరిగినది. ఇక్కడ కార్మికుల అనుమతులు సాధించిన అధికారి

అధికారి అవరణలు.

వ్యాపారచన

జిల్లా పరిషత్తు

1. D. సీమ - 7th

2. D. సరసింహ - 6th

నివాసాలు

1. B. సీమ

2. D. క్రొలక్కి

20/10/2018 న సాగర్ సిమెంట్స్ వారు నిర్వహించిన " స్వచ్ఛ పథాల్లో " కార్యక్రమంలో అనుమతులు పంపిణీ చేయటం ఉరిగినది.

HEAD MASTER
Z.P.H.S. BheelyanaikThanda
Mattampally (M), Suryapet D1

'సాగర్' సిమెంట్స్ లో స్వచ్ఛభారత్

మతంపల్లి : మండలంలోని సాగర్ సిమెంట్స్ పరిశ్రమలో ఇండియన్ బ్యూరో ఆఫ్ మైన్స్, డైరెక్టర్ ఆఫ్ మైన్స్ అండ్ జియాలజీ వారి ప్రోద్బలంతో సున్నపురాయి గనుల ఆధ్వర్యంలో ఈనెల 31వరకు స్వచ్ఛతా పథాల్లో కార్యక్రమం నిర్వహించనున్నట్లు చీఫ్ జనరల్ మేనేజర్ వి. సుబ్రహ్మణ్యం తెలిపారు. ఈ సందర్భంగా ఆయన మాట్లాడుతూ పరిశ్రమతో పాటు పెదవీడు గ్రామంలో స్వచ్ఛభారత్ కార్యక్రమం నిర్వహించినట్లు తెలిపారు. ప్రతి ఒక్కరూ స్వచ్ఛ భారత్ కు కృషి చేయాలన్నారు. అనంతరం పరిశ్రమ ఆధ్వర్యంలో హరితహారంలో భాగంగా మొక్కలు నాటారు. నాటిన ప్రతీ మొక్కను సంరక్షించాలన్నారు.



పరిశ్రమ ఆవరణలో మొక్కలు నాటుతున్న ప్రతినిధులు

సాగర్ సిమెంట్స్ లో స్వచ్ఛ భారత్



స్వచ్ఛభారత్ లో పాల్గొన్న పరిశ్రమ ప్రతినిధులు, సిబ్బంది

మతంపల్లి : మండల కేంద్రంలోని సాగర్ సిమెంట్స్ పరిశ్రమలో అధికారులు శనివారం, ఆదివారం స్వచ్ఛభారత్ నిర్వహించినట్లు మైన్స్ చీఫ్ జనరల్ మేనేజర్ సుబ్రహ్మణ్యం తెలిపారు. ఈ సందర్భంగా ఆయన మాట్లాడుతూ వచ్చే వారం నుంచి ప్రారంభమయ్యే గనుల భద్రతా వారోత్సవాలను దృష్టిలో ఉంచుకుని స్వచ్ఛ భారత్ కార్యక్రమం చేపట్టినట్లు తెలిపారు. పరిశ్రమలో హరితహారంలో భాగంగా సుమారు 50వేల మొక్కలు నాటినట్లు తెలిపారు. కార్యక్రమంలో పరిశ్రమ సీనియర్ వైస్ ప్రెసిడెంట్లు నాగప్రసాద్, అసిస్టెంట్ వైస్ ప్రెసిడెంట్ జగన్నాథరావు, మైన్స్ ఏజీఎం కృష్ణారెడ్డి, పరిశ్రమ ప్రతినిధులు, ఉద్యోగులు పాల్గొన్నారు.

Swachh Pakhwada Organised at Bilyanayak Thanda High School



Swachh Pakhwada Conducted at Pedaveedu Village



Photoes of Free Health Camp , Swachhta Awareness progamme, Cleanliness , Planta tion by Villagers and display of awareness Stickers in the village during the Swach hta Pakhwada coducted from 1st October 2018 to 16.10.2018.

Swachhta Pakhwada Conducted at Labour Camp Mattampally Village.



Photoes of Oath Taking, Cleanliness in the Colony by Sagar Cements employees and swachhta Awareness Rally in the Camp.

Swachhta Pakhwada Organised at Sagar Vidya Mandir School



Swachhhta Pakhwada Organised at Mines Office and Crusher of SCL

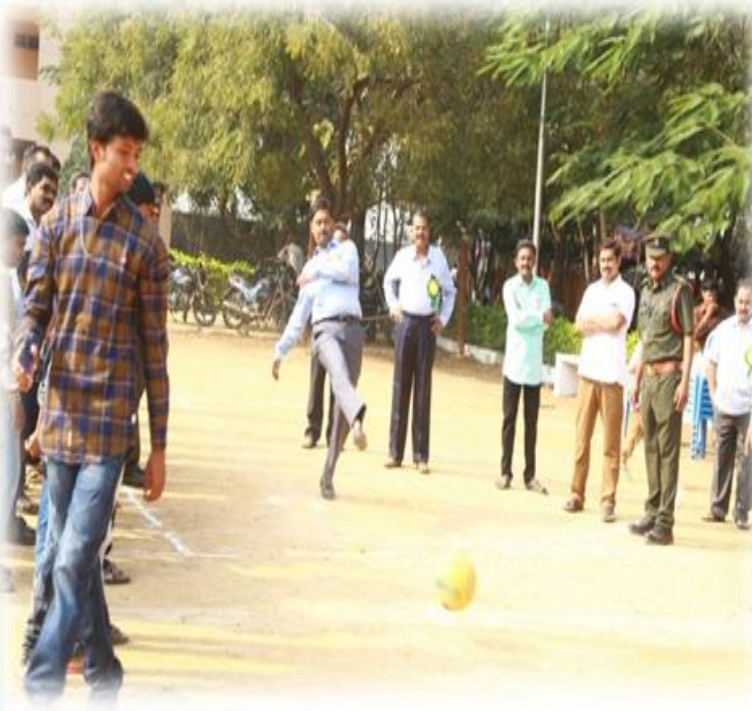


Garbage Separation & Collection Arrangements in the Colony



To Ensure Clean and Neat Environment in the Colony under Swachh Bharath. Management has distributed Garbage Collection boxes 2 No's each (Organic & Inorganic Waste) to entire colony and provided dust collection facility from the houses of individuals in the colony.

Management Participation in the Company Events



Active Participation of Management in 69th Republic Day and 33rd Plant Anniversary Day Celebrations at Mattampally site.

Our JMD Sir Participation in 5th Anniversary of Sri Kodanda Ramalaya Temple & Others events



Thank You !