

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

**An ISO 9001:2015, 14001:2015, 45001:2018, 50001:2018 &
Green Co-Gold Certified Company**



Sustainable Development Framework (SDF) and CSR Initiatives

2024-25



SAGAR CEMENTS LIMITED PLANT LOCATION



Suryapet District



PLANT

<https://www.facebook.com/GatewayOfTelangana>

Sagar Cements Ltd., was promoted by a group of technocrats headed by Shri K.V Vishnu Raju, Chairman, Shri S Anand Reddy, Managing Director, Shri S.Sreekanth Reddy, Joint Managing Director.

Sagar Cements Ltd., is located in Suryapet district of Telangana State, the company manufacturing various types of Cement like Ordinary Portland Cement of 53 grade, 43 grade, Portland Pozzalona Cement (PPC) and Sulphate Resistance Cement (SRC) to suit different needs of customers and all these products are being sold under the brand name “SAGAR CEMENTS” which has already become popular in Telangana & Andhra Pradesh and in the neighboring states as well.

The company has started its operation with a cement capacity of 66,000 TPA in 1985 has gradually increased it to the level of 2.65 MTPA Clinker production capacity. At present, the limestone requirement for these existing Clinkerisation Unit is 3.71 Mil.Tons which is being met from (1) Sagar Cements Limestone Mine-I & Sagar Cements Limestone Mine –II.

DETAILS OF NABL & CII ACCREDITATION

- Cement & Coal Testing Laboratory is Accredited to ISO/IEC 17025 by NABL since Jun-2015.
- Accreditation brings enhanced competency in testing, raises customer confidence in MTC issued by the laboratory with universal acceptability in the open market which provides greater access for the products.

National Accreditation Board for Testing and Calibration Laboratories
CERTIFICATE OF ACCREDITATION
SAGAR CEMENTS LIMITED
has been assessed and accredited in accordance with the standard
ISO/IEC 17025:2017
"General Requirements for the Competence of Testing & Calibration Laboratories"
for its facilities at
MATTAMPALLY VILLAGE & MANDAL, SURYAPET, TELANGANA, INDIA
in the field of
TESTING

Certificate Number: TC-6022
Issue Date: 08/06/2023 Valid Until: 07/06/2025

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.
(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Identity : SAGAR CEMENTS LIMITED
Signed for and on behalf of NABL

N. Venkateswaran
Chief Executive Officer

CII
Confederation of Indian Industry

CII-Green Products and Services Council
hereby certifies that
Portland Pozzolana Cement (PPC)
(GPSCL91001)
Manufactured by Sagar Cements Limited at Mattampally, Telangana meets the requirements of GreenPro Ecolabel and qualifies as Green Product.
This certification is valid till **December 2025**

Jamshyd N Godrej, Chairman, CII-Godrej GBC
A R Unnikrishnan, Chairman, CII-Green Products & Services Council
K S Venkatagiri, Executive Director, CII-Godrej GBC

Supporting Council and programmes
IGBC

CII
Confederation of Indian Industry

CII-Green Products and Services Council
hereby certifies that
Ground Granulated Blast-furnace Slag (GGBS)
(GPSCL91004)
Manufactured by Sagar Cements Limited at Bayyavaram, Andhra Pradesh meets the requirements of GreenPro Ecolabel and qualifies as Green Product.
This certification is valid till **December 2025**

Jamshyd N Godrej, Chairman, CII-Godrej GBC
A R Unnikrishnan, Chairman, CII-Green Products & Services Council
K S Venkatagiri, Executive Director, CII-Godrej GBC

Supporting Council and programmes
IGBC

CII
Confederation of Indian Industry

CII-Green Products and Services Council
hereby certifies that
Portland Slag Cement (PSC)
(GPSCL91002)
Manufactured by Sagar Cements Limited at Gudipadu, Andhra Pradesh meets the requirements of GreenPro Ecolabel and qualifies as Green Product.
This certification is valid till **December 2025**

Jamshyd N Godrej, Chairman, CII-Godrej GBC
A R Unnikrishnan, Chairman, CII-Green Products & Services Council
K S Venkatagiri, Executive Director, CII-Godrej GBC

Supporting Council and programmes
IGBC

CII
Confederation of Indian Industry

CII-Green Products and Services Council
hereby certifies that
Composite Cement
(GPSCL91003)
Manufactured by Sagar Cements Limited at Bayyavaram, Andhra Pradesh meets the requirements of GreenPro Ecolabel and qualifies as Green Product.
This certification is valid till **December 2025**

Jamshyd N Godrej, Chairman, CII-Godrej GBC
A R Unnikrishnan, Chairman, CII-Green Products & Services Council
K S Venkatagiri, Executive Director, CII-Godrej GBC

Supporting Council and programmes
IGBC

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 : ISO 45001:2018 & 50001:2018

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

MANAGEMENT SYSTEM CERTIFICATE

Certificate no.: 156665-2014-AQ-IND-RvA Initial certification date: 13 June 2014 Valid: 13 June 2023 – 12 June 2026

This is to certify that the management system of **Sagar Cements Limited**
Head Office: Plot No. 111, Road No. 10, Jubilee Hills, Hyderabad - 500033, Telangana, India
and the sites as mentioned in the appendix accompanying this certificate

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

This certificate is valid for the following scope:
Mining of limestone, manufacture, despatch of clinker & cement and generation of power

Place and date: Chennai, 09 June 2023

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

Sivadasan Madiyath
Management Representative

Lack of fulfillment of conditions as set out in the Certification Agreement may render this Certificate invalid.
ACCREDITED UNIT: DNV Business Assurance B.V., Zwolsseweg 1, 2994 LB, Barendrecht, Netherlands - TEL: +31(0)102922689. www.dnv.com/assurance

MANAGEMENT SYSTEM CERTIFICATE

Certificate no.: 156667-2014-AE-IND-RvA Initial certification date: 13 June 2014 Valid: 13 June 2023 – 12 June 2026

This is to certify that the management system of **Sagar Cements Limited**
Head Office: Plot No. 111, Road No. 10, Jubilee Hills, Hyderabad - 500033, Telangana, India
and the sites as mentioned in the appendix accompanying this certificate

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

This certificate is valid for the following scope:
Mining of limestone, manufacture, despatch of clinker & cement and generation of power

Place and date: Chennai, 09 June 2023

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

Sivadasan Madiyath
Management Representative

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MANAGEMENT SYSTEM CERTIFICATE

Certificate no.: 10000381619-MS-C-RvA-IND Initial certification date: 13 June 2014 (based on OHSAS 18001) Valid: 13 June 2023 – 12 June 2026

This is to certify that the management system of **Sagar Cements Limited**
Head Office: Plot No. 111, Road No. 10, Jubilee Hills, Hyderabad - 500033, Telangana, India
and the sites as mentioned in the appendix accompanying this certificate

has been found to conform to the Occupational Health and Safety Management System standard:
ISO 45001:2018

This certificate is valid for the following scope:
Mining of limestone, manufacture, despatch of clinker & cement and generation of power

Place and date: Barendrecht, 09 June 2023

For the issuing office:
DNV - Business Assurance
Zwolsseweg 1, 2994 LB Barendrecht, Netherlands

Eerie Koek
Management Representative

Lack of fulfillment of conditions as set out in the Certification Agreement may render this Certificate invalid.
ACCREDITED UNIT: DNV Business Assurance B.V., Zwolsseweg 1, 2994 LB, Barendrecht, Netherlands - TEL: +31(0)102922689. www.dnv.com/assurance

MANAGEMENT SYSTEM CERTIFICATE

Certificate no.: 286766-2019-AE-IND-RvA Initial certification date: 31 July 2019 Valid: 01 August 2022 – 31 July 2025

This is to certify that the management system of **Sagar Cements Limited**
Mattampally (PO & M), Suryapet District - 508204, Telangana, India

has been found to conform to the Energy Management System standard:
ISO 50001:2018

This certificate is valid for the following scope:
Mining of limestone, manufacture, despatch of clinker & cement and generation of power

Place and date: Barendrecht, 27 July 2022

For the issuing office:
DNV - Business Assurance
Zwolsseweg 1, 2994 LB Barendrecht, Netherlands

Eerie Koek
Management Representative

Lack of fulfillment of conditions as set out in the Certification Agreement may render this Certificate invalid.
ACCREDITED UNIT: DNV Business Assurance B.V., Zwolsseweg 1, 2994 LB, Barendrecht, Netherlands - TEL: +31(0)102922689. www.dnv.com/assurance

WATER MANAGEMENT POLICY



We at Sagar Cements Limited have committed to become 'Water Neutral' in cement manufacturing and power generation by taking decisive steps in conserving water:

- Implementing an Integrated Water Resource Management plan that accomplishes the objectives of water conservation
- Introducing a Water Reporting system including specific water consumption
- Ensuring effective utilization of available water by implementing provisions of measurement and monitoring of water sourcing and consumption
- Adopting measures to reduce water consumption where water usage cannot be totally avoided
- Choosing alternate process technologies wherever feasible which does not require water use
- Identifying production processes where recycled and treated water can be used
- Practicing cascade use of water in process wherever feasible
- Using recycled and treated water in plantations including installation of drip irrigation systems
- Accommodating appropriate designs for rainwater harvesting and campaigning for the same in the local community
- Pursuing surface water conservation through construction of check dams and harvest pits
- Conducting seminars and workshops on water conservation for promoting awareness among all levels of employees

Let us make a pledge to conserve water for our future!

Managing Director

WASTE MANAGEMENT POLICY



We at Sagar Cements Limited as a responsible corporate entity are committed to reduce waste and its impact on the environment by adopting sustained measures:

- Incorporating a hierarchical approach to reduce, reuse, recycle, and recover to the maximum possible extent through viable technologies
- Handling all waste materials in a responsible manner by collecting, storing, transporting, and disposing them such that the environmental impact is effectively mitigated
- Taking all efforts toward reduction of waste materials and setting standards for continuous improvement in Waste Management
- Learning and implementing best practices in Sourcing and consuming RDF (Refuse Derived Fuels) in kiln processes with the larger objective of reducing the impact on the environment by liaising with the relevant experts and authorities
- Conducting seminars and workshops for competency-building and promoting awareness through poster campaigns, notices, slogans, and other effective communication drives
- Complying with all legal and other statutory requirements that are in force from time to time

Let us make a pledge to reduce, reuse, recycle, and recover!

Managing Director

ENERGY MANAGEMENT POLICY



We at Sagar Cements Limited have committed ourselves to reduce the energy consumption and minimize carbon emissions through continuous improvement of our manufacturing processes and power generation activities:

- Employing the latest methods and technologies for energy efficient processes and equipment, and continuously upgrading them
- Ensuring that all activities are aligned with minimizing energy loss and maximizing waste energy recovery
- Seeking to raise the renewable energy component within the organization to 30% in first phase and to 50% subsequently
- Devising schemes that encourage the use of energy from alternate / waste energy materials
- Keeping control on generation and consumption of all forms of energy and periodically reviewing for continuous betterment
- Conducting awareness programs and competency-building workshops for all levels of employees for efficient Energy Management and encouraging them to be actively involved and come up with their own innovative suggestions
- Ensuring that all energy efficient processes employed are functioning as intended by conducting energy audits at regular intervals by internal and external auditors
- Benchmarking our performance in accordance with the industry best, setting targets, documenting and communicating the goals to all levels, while facilitating resources to reach the targets
- Undertaking to comply not only to all relevant legislation relating to energy usage but also adapting voluntarily the global best practices
- Publishing the results of energy management efforts and evaluating the performance each and every year

Let us make a pledge to achieve an outstanding energy performance!

Managing Director

ENVIRONMENT POLICY



We at Sagar Cements Limited as an environmentally conscious company have taken a firm resolve to follow the best practices in preserving and enhancing the environment:

- Taking necessary steps toward monitoring, minimizing and mitigating the release of pollutants in the environment by adopting the best practices and eco-friendly technologies and processes in mining, cement manufacturing and logistics.
- Supporting a healthy ecosystem and promoting biodiversity by planting more trees and developing water bodies in and around mining, plant and township.
- Optimizing the use of crucial natural finite resources like minerals, fuels, energy, water, and land to save them from rapid depletion
- Utilizing all grades of minerals by adoption of the right process technologies, use of alternate fuels, and innovations in product and manufacturing
- Regulating water consumption, recycling water, installing water treatment facilities, and ensuring zero waste water discharge across all plant operations along with pursuing rainwater harvesting to minimize fresh water consumption
- Supporting all our suppliers in adopting environment-friendly practices and maximizing sourcing of products and services from suppliers who practice environment friendly systems
- Deploying an Environment Management System across all operations and activities
- Taking inputs and ideas from employees and conducting regular brainstorming sessions on how to promote environment friendliness through macro and micro initiatives in the plant and outside
- Conducting periodic workshops and seminars for promoting and propagating an environment conscious culture among employees and relevant stakeholders
- Setting performance objectives and goals, close monitoring of environmental performance, and periodic reporting to all stakeholders
- Ensuring compliance with all applicable laws including environment and forest clearances, consents, permits, licenses, standards, and leading industry initiatives from time to time.

Let us make a pledge to achieve outstanding environmental performance!

Managing Director

CORPORATE SUSTAINABILITY POLICY



We at Sagar Cements Limited have committed ourselves to Protect the environment and social well-being of the community among whom we conduct our businesses:

- Ensuring compliance with all applicable laws, standards, and regulations pertaining to the environment, energy, occupational health and safety, social welfare and corporate governance
- Adapting the state-of-the-art technologies in mining, manufacturing and logistics
- Making continuous and sustained efforts to conserve natural resources like limestone, fossil fuels, gypsum, etc. by minimizing their use, avoiding rejections, and using alternate fuels and raw materials
- Taking necessary steps towards energy and water conservation, and reduction of carbon intensity
- Educating and training employees on environmental and social initiatives and making them an integral part of our sustainable business efforts
- Keeping our stakeholders updated and ensuring that their environmental and social considerations are aligned with our business decisions and environmental goals
- Providing equal opportunities to every employee for his or her personal growth and providing support through training programs, capacity building seminars, etc.
- Enhancing the quality of life of the local community by taking appropriate steps toward enhancing their socio-economic development
- Raising the goals of sustainability indicators, monitoring performance, and preparing reports to keep the stakeholders duly informed

Let us make a pledge to work closely toward holistic development of the society!

Managing Director

GREEN SOURCING POLICY



We at Sagar Cements Limited have taken a resolve to reduce the company's environmental impact in sourcing of materials, products, and services by effective measures:

- Supporting and showing preference to procure materials and services from those suppliers who have adopted best environmental practices
- Ensuring that all products and services are aligned with our Green Sourcing policy by issuing internal guidelines that specifically define the parameters and practices
- Adopting and effectively integrating the concepts of reduction, reuse, and recovery into our sourcing models
- Encouraging suppliers and service providers to improve their environmental performance by adopting best practices in their individual manufacturing processes
- Setting up relevant training and capacity-building workshops to enhance the competency of all staff and other personnel who are directly involved in procurement activities
- Ensuring compliance with all legal requirements and other standards and regulations that are published and mandated by the Government of India and other compliance bodies and organizations
- Keeping all our stakeholders informed about our Green Sourcing policy and making the relevant information available to them including regular updates on the best practices

Let us make a pledge to promote sustainable development!

Managing Director

Sagar Cements Limestone Mine-I



Sagar Cements Limestone Mine-II



TWO Captive Limestone mines

GENERAL INFORMATION – LEASE AREA DETAILS

Sl.No	MINES PARTICILARS	Sagar Cements Limestone Mine-I	Sagar Cements Limestone Mine-II
1	Mine Opening Date (Initial)	18-08-1984	31.10.1985
2	Extent (Ha)	326.58	143.72
3	Lease Validity	17-08-2034	30.10.2035
4	Category of Lands	Govt.& Patta Lands	Govt. Land
5	Location (Geo Co Ordinates)	E:79 ⁰ 50' 21.6" – E:79 ⁰ 52' 23.3" N:16 ⁰ 44' 13.047" –N :16 ⁰ 44' 47.547"	E:79 ⁰ 49' 58.53" – E:79 ⁰ 57' 0.82" N:16 ⁰ 44' 46.84" –N :16 ⁰ 44' 43.23"
6	Topo sheet No	E44T13&14 on 1:50000 Scale	E44T13&14 on 1:50000 Scale
7	Type of Mining	Conventional Open Cast (Mechanized) by deploying Heavy Earth Moving Machinery	Conventional Open Cast (Mechanized) by deploying Heavy Earth Moving Machinery
8	Number of Benches	03	02

Sl.No	MINES PARTICILARS	Sagar Cements Limestone Mine-I	Sagar Cements Limestone Mine-II
1	Resources as on (1.4.2025) Mil.Tons	164.713	109.2168
2	Reserves as on (1.4.2025) Mil.Tons	140.056	85.7690
3	Blocked Reserves as on (1.4.2025)Mill.Tones	24.657	23.4478
4	Production during 2024-25	23,70,000 MT	3,35,000 MT
5	Quarry Length (North-South)	1670m(PIT-1)&755m (Pit-2)	755 m
6	Quarry Width (East-West)	665 m (Pit – 1) & 352 m (Pit – 2)	352 m
7	Area Excavated as on 01.04.2025	140.4758 Ha	22.6344 Ha

Sl.No	MINES PARTICILARS	Dip	Strike
1	SCL- Mine-I	3° - 5°	NE - SW
2	SCL - Mine-II	3° - 5°	NE - SW
Lithology:-			
4	Light grey (CaO %)	40 - 42	40 - 41
5	Grey (CaO %)	45 - 49	45 - 47
6	Green (CaO %)	43 - 45	43 - 42
7	Purple (CaO %)	38 - 40	38 - 40

Sl.No	MINES PARTICULARS	Sagar Cements Limestone Mine-I	Sagar Cements Limestone Mine-II
1	No of working shifts	02	01
2	“A” Shift (Production)	05.00 AM to 01.00 PM	-
3	“G” Shift (Maintenance)	08.00 AM to 05.00 PM	08.00 AM to 05.00 PM
4	“B” Shift (Production)	12.30 PM to 08.30 PM	-

1. AFFORESTATION DETAILS – (Within ML Area)

Sl.No	PARTICILARS	Sagar Cements Limestone Mine-I	Sagar Cements Limestone Mine-II
1	Acquired Area (Ha)	326.58	143.72
2	Area under afforestation (in Ha.)		
	During the year (2024-25)	0.80	0.6
	Cumulative	47.90	10.87
3	Number of trees planted		
	During the year (2024-25)	2423	938
	Cumulative	85830	15853
4	Number of plants per Ha	1809	1452

Sl.No	PARTICILARS	Sagar Cements Limestone Mine-I	Sagar Cements Limestone Mine-II
5	Housekeeping including display of plantation details	Housekeeping regularly maintaining & Plantation display boards are provided	
6	Type of plant species	Nemalinara, Subabul, Dubai, Neem etc	
7	Avenue plantation	Done all along haul roads, at viewpoint area & mines office premises	
8	Survival rate	96%	96%
9	Maintenance of nursery/ Procurement of saplings	We have inhouse nursery as well procuring the sapling from out side vendors also from Forest Departments.	
10	Aftercare of saplings planted	Separate plantation crew maintained with separate water tanker for watering the plants And taking care of saplings planted	

AFFORESTATION DETAILS – OUTSIDE M.L.

Sl.No	PARTICILARS	Sagar Cements Limestone Mine-I	Sagar Cements Limestone Mine-I
1	Area under afforestation (in Ha.) During the year (2024-25)	1.98	NIL
	Cumulative	91.45	6.25
2	Number of trees planted During the year (2024-25)	1346	NIL
	Cumulative	131792	7840
3	Number of plants per Ha	1441	1254
4	Type of Plant species	Nemalinara, Kanuga, Dubai,Subabul, Maddi, Neem , Rela etc...	
5	Housekeeping including display of plantation details	Housekeeping regularly maintaining & Plantation display boards are provided	
5	Survival rate	96%	86%
6	Aftercare of saplings planted	Separate plantation crew maintained with separate water tanker for watering the plants And taking care of saplings planted	

Plantation along the Haul Road

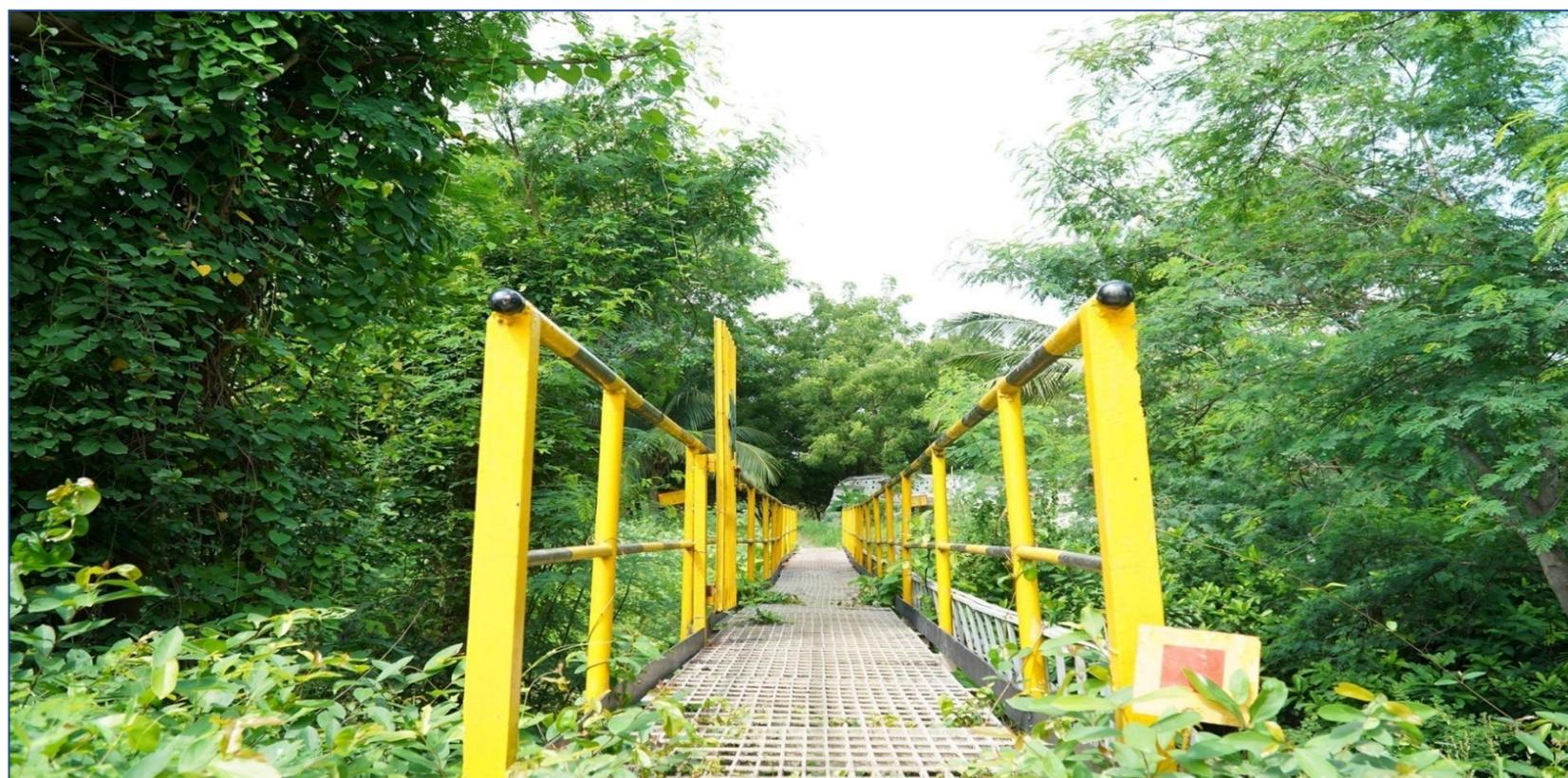


Avenue Plantation & Aesthetic beauty within ML Area





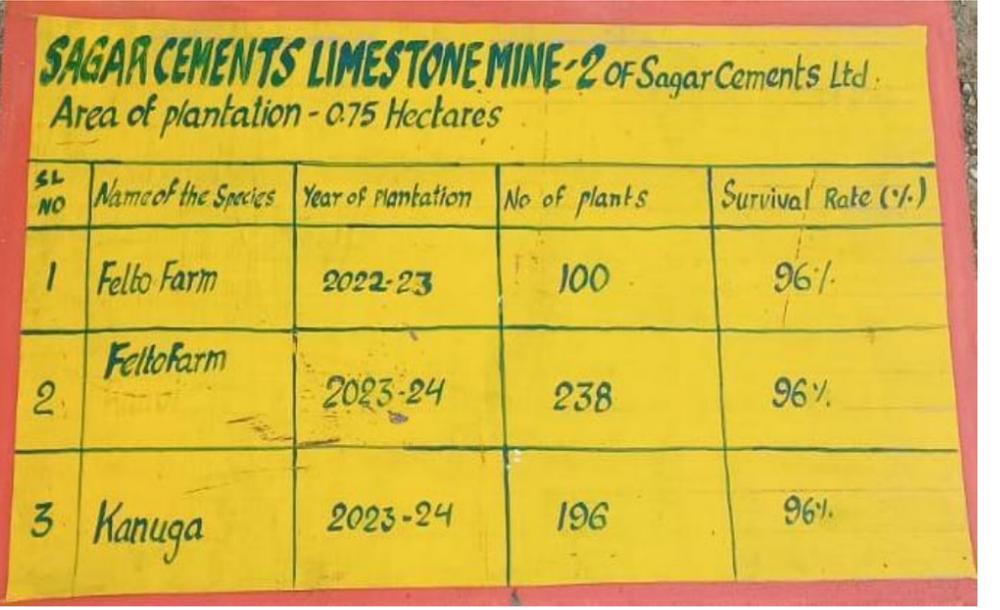
Afforestation Within Mining Lease Boundary & Safety barrier areas....



Photos of plantation near mines office, haul road etc...



AFFORESTATION – DISPLAY OF BOARDS



Sl. No	PARTICILARS	Sagar Cements Limestone Mine-I	Sagar Cements Limestone Mine-II
a	Thickness of Top soil (m)	0.50 To 1m	-
b	Collection (Cu.Mtrs)		
	During the year (2024-25)	23,456.520 Cu. Mtrs	-
	Cumulative	4,44,774.52 Cu. Mtrs	-
C	Utilization (Cu.Mtrs)		
	During the year (2024-25)	23,456.520 Cu. Mtrs	-
	Cumulative	4,44,774.52 Cu. Mtrs	-
d	Storage (Cu.Mtrs)		
	During the year (2024-25)	-	-
	Cumulative	-	-

2. WASTE DUMP MANAGEMENT

Sl. No	PARTICILARS	Sagar Cements Limestone Mine-I	Sagar Cements Limestone Mine-II
1	Proper design and maintenance of waste dumps terraces, dump slopes, drainage channel on terraces, berms etc.	Sub Grade Dump being maintained as per the statutory provisions.	-
2	Building & maintenance of check dams retention wall, pack wall, garland drains, gully plugs, silt settling tank etc.)	Being maintained as per the proposals made in the approved MMP.	-
3	Growing of grass, suitable plants on the inactive dumps with or without geo textile/coir matting	Developed aloe vera in the dump slopes of inactive dumps present.	-



BC Soil Temporary Stock Yard



Sub Grade Dump Yard





Alovera Plantation on Dump Slopes

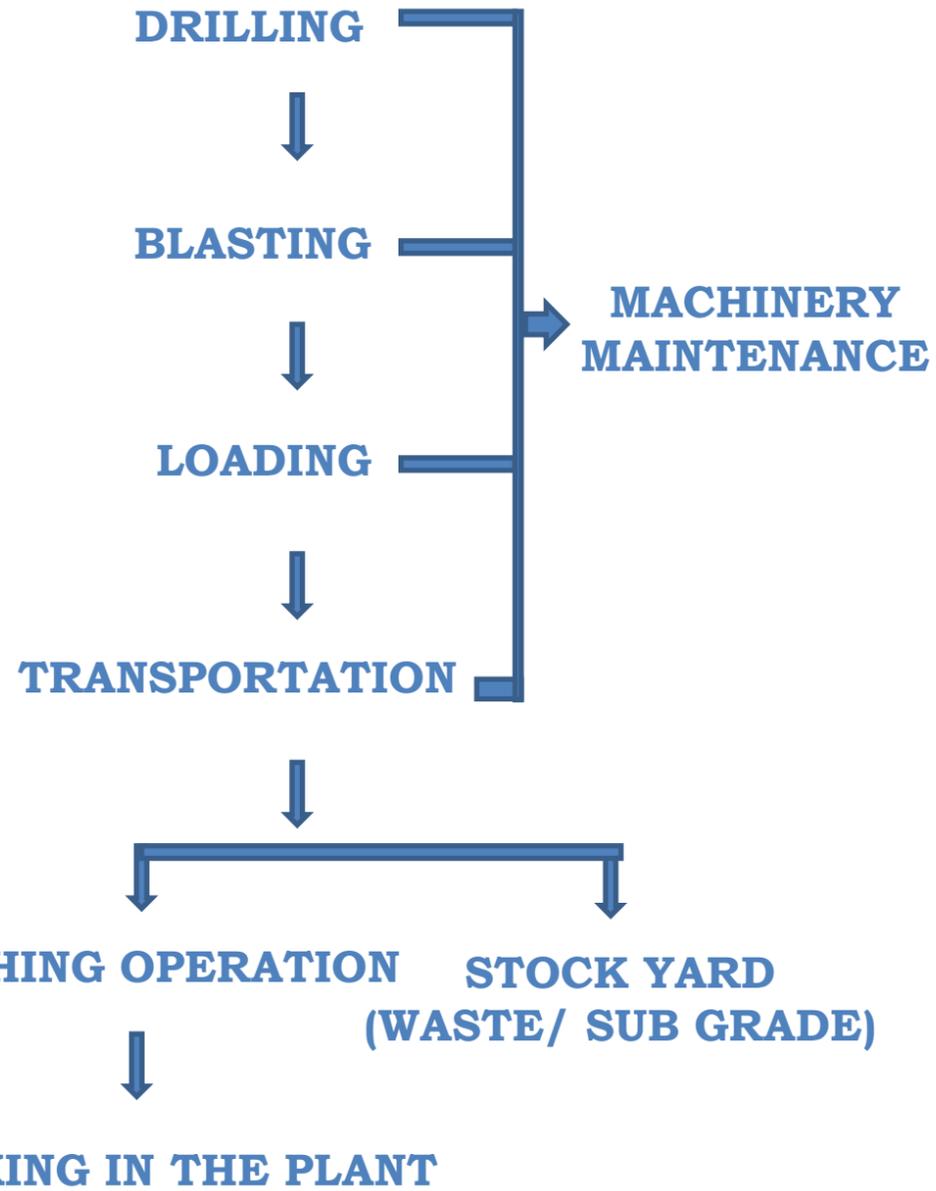


Garland Drain

Silt Settling Tanks constructed across the Garland Drain



Sl.No	Particulars	Sagar Cements Limestone Mine-I&II
a	Implementation of proposals approved in Mining Plan	Implemented as per approved Mining Plan
b	Compliance of violations	No violation is under abeyance as on date.
c	Bench formation and advancement	Maintained Well
d	Geotechnical / Slope stability studies undertaken if any	Nil
e	Haulage roads	One way haul road & gradient of 1 in 20
f	Use of mine planning software	Using RMMS for mine planning Q GIS & Auto CAD for preparation of plans etc
g	Overall layout	Maintained as per approved mining plan



DRILLING



BLASTING



LOADING



STACKING



CRUSHING



TRANSPORTATION



GARAGE

Sagar Cements Limestone Mine-1 Mining Machinery

S. No	Equipment	Make	Model	Capacity	Numbers
1	SHOVEL	KOMATSU	PC - 1250-7	6.5 m ³	1
2	BACKHOE SHOVEL	VOLVO	EC 950 EL	6.0 m ³	1
3	LOADER	CAT	988H	6.9 m ³	1
4	BACKHOE SHOVEL	KOMATSU	PC - 850	4.5 m ³	1
5	DUMPER	KOMATSU	HD - 465	55 Tons	6
6	DOZER	KOMATSU	D 155A	11.8 m ³	1
7 a	BACK HOE	VOLVO	VOLVO 210 D	0.9 m ³	1
b	BREAKER	ATLAS COPCO	MB - 1500	300 – 600 blows/min	1
8	COMPRESSOR (on mount drill)	EPI ROC	ICM 260N	350 cfm	2
9	COMPRESSOR (on mount drill)	ATLAS COPCO	ICM 260N	300 cfm	1
10	LOADER	VOLVO	SDLG 946	2.1 m ³	1
11	EXPLOSIVE VAN	EICHER	EICHER 1110	6.04 MT	1
12	SOIL COMPACTOR	VOLVO	SD110C	33 Hz	1
13	SERVICE VAN	TATA	1510	---	1
14	PORTABLE LIGHTING TOWER	KIRLOSKER	SEKG 5AS -EA10	5 KVA	2
15	PORTABLE LIGHTING TOWER	DOOSAN	LSCK4	6 KVA	3
16	WELDING GENSET	ESAB	EDW 500	500 Amps	1
17	WATER TANKER	ASHOK LEYLAND	1616 IL	12 KL	1

Volvo 950



PC - 1250



PC- 850



CAT – 988H



HD -465



VOLVO 210D



D155A Dozer



ICM – 260 Drill



Sagar Cements Limestone Mine-2 Mining Machinery

S. No	Equipment	Make	Model	Capacity	Numbers
1	BACK HOE	TATA HITACHI	ZX370 LCH	1.5 m ³	1
2	COMPRESSOR (on mount drill)	ATLAS COPCO	ICM 260N	300 cfm	1
3	TIPPERS	BHARAT BENZ	2832C	30 MT	4
4	WATER TANKER	ASHOK LEYLAND	1616 IL	12 KL	1





Epiroc drill



PC 1250 shovel & 60 Ton dumper



Water sprinkling in the dumper body material



Water spray arrangement in the dump hopper



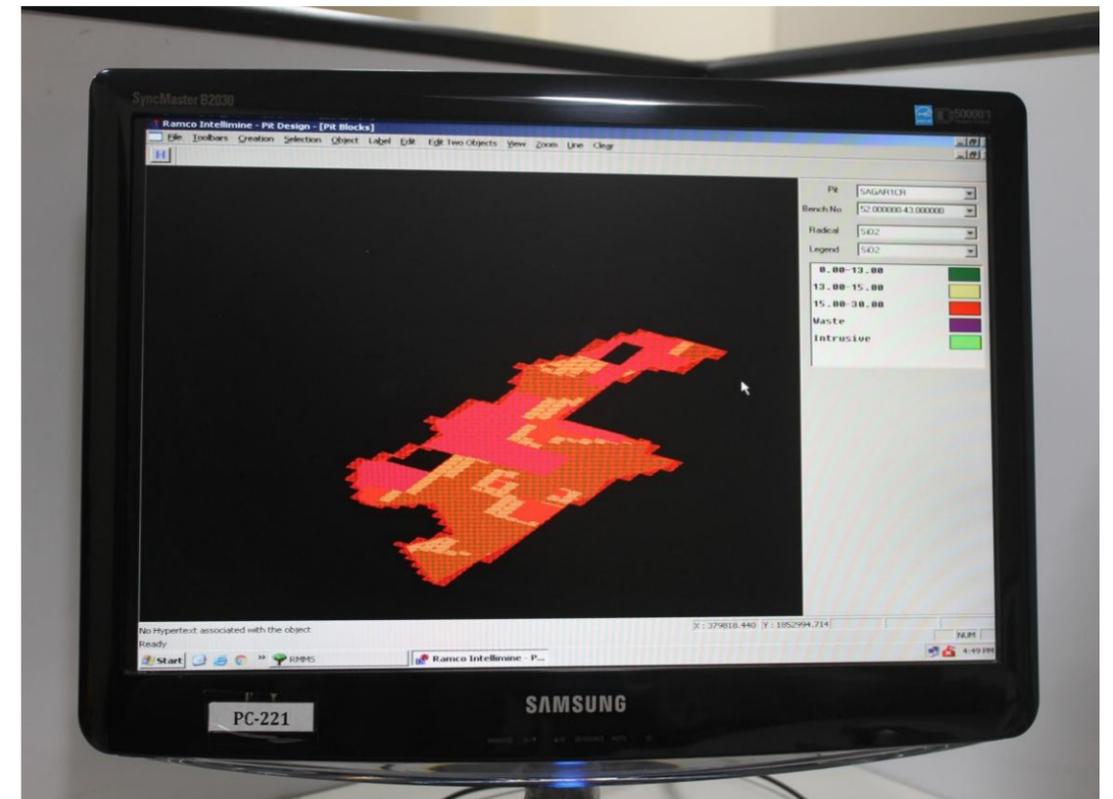
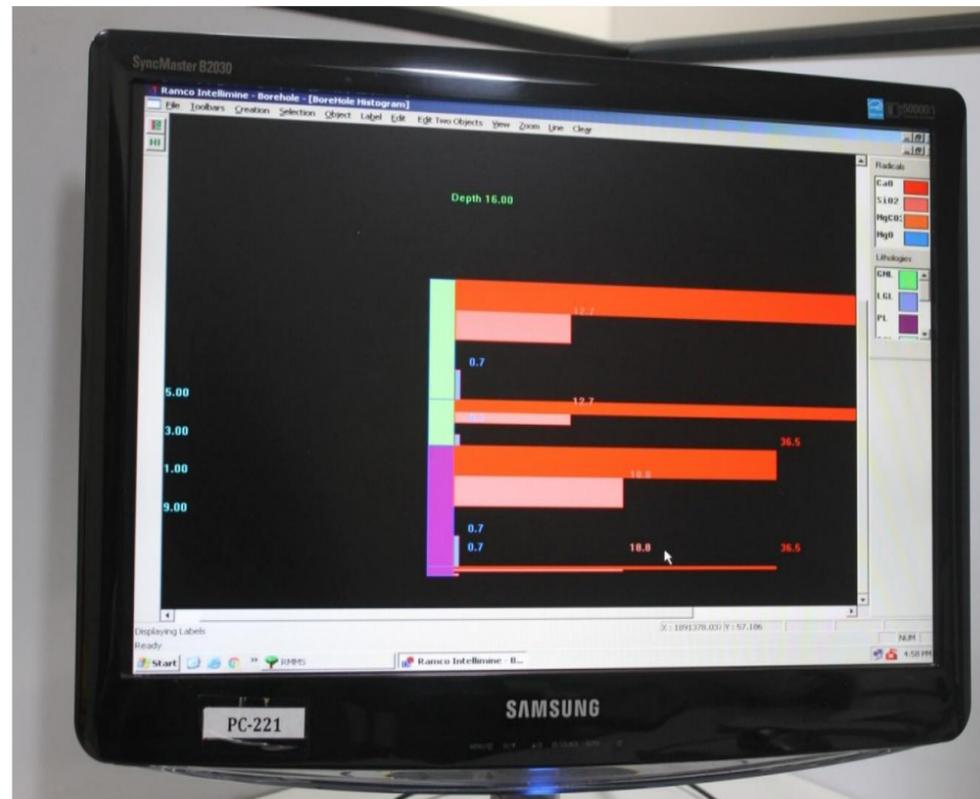
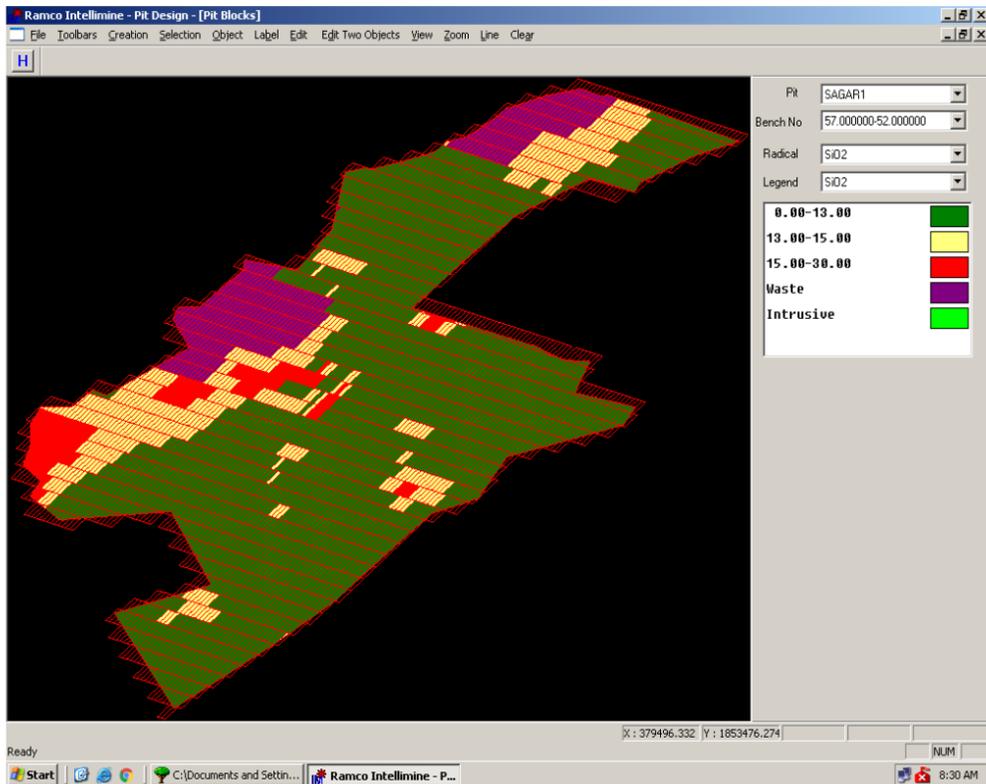
Haul road wetting



Core Drilling Machine CDR 100



Usage of mine pit water as drinking water



Ramco Mine Planning Software



Systematic benches



Grease Trap Point



Humus preparation pit & application to plants



Micro Mate Blast Vibration Monitoring Machine.

Systematic arrangement of Limestone Core Samples & Mine Model



Core Preservation Room



Mine model

4. MINERAL CONSERVATION

Sl.No	PARTICILARS	Sagar Cements Limestone Mine-I&II
1	Name of the minerals, cutoff grade of commercial ore, whether grade wise separate stacks are maintained	Cement Grade Limestone Cutoff grade is SiO ₂ : 13.10, CaO:45.6 % & MgO : 0.80%. No stack proposals were made for the FY 2024-25.
2	Whether minerals rejects above threshold value has been stacked separately	No, mineral reject above threshold value was generated & Stack records beings maintained as per the Rules.
3	Day to day maintenance records of various stacks.	
4	Housekeeping of the said mineral reject/sub grade ore stacks	
5	Utilisation of minerals rejects by blending after stacking of directly or by using software technology	As off now we are using the lowgrade limestone available in the mine directly by blending with high grade.
6	Recovery from tailings	Not Applicable
7	Recovery from old dumps	

6.ENVIRONMENTAL PARAMETERS MONITORING DETAILS

Particulars	Standards laid down by MOEF & CC	Actuals	
		Sagar Cements Limestone Mine-I	Sagar Cements Limestone Mine-II
1) Ambient Air Quality	PM10:100, PM2.5: 60 SOx: 80, Nox: 80	With in Limits	With in Limits
2) Surface Water Quality/ Mine Discharge Points	PH: 5.5-9.0, TSS:<100, TDS:<2100, BOD:<30 COD:<250	With in Limits	With in Limits
3) Ground Water Quality	PH: 5.5-9.0, TSS:<100, TDS:<2100, BOD:<30 COD:<250	With in Limits	With in Limits
4) Noise Level	80dB	With in Limits	With in Limits
5) Ground Vibration	10mm/sec	With in Limits	With in Limits

Ambient Air Quality Monitoring :- AAQ is being monitored by M/s. Lawn Environ Associates, Hyderabad at 11 locations of core and buffer zones of ML area once in a quarter as proposed in the approved SOM, all the parameters are well within the permissible Limit.

LAWN ENVIRO PRIVATE LIMITED
 [Environmental Engineers & Consultants in Pollution Control]
 Recognised by MOEF&CC/CPCB under EP Act, GOI, New Delhi & Laboratory Accredited by NABL
 ISO 9001, 14001 & 45001 Certified Company

TEST REPORT

REF.NO: LAWN/SCL-M/2025 Report Date: 02-01-2025

AMBIENT AIR QUALITY DATA

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

Location	Near Mines Office	LIMIT	PROTOCOL/METHOD
1. Date of sampling	25-12-2024	--	---
2. Date of Analysis	26-12-2024	--	---
3. Total time of monitoring	24 hr	--	---
4. Average flow rate (cum/min)	1.10	--	---
5. Particulate matter Concentration ($\mu\text{g}/\text{m}^3$) -PM ₁₀	66	100	IS:5182 (Part-23); 2017 Gravimetric Method
6. Particulate matter Concentration ($\mu\text{g}/\text{m}^3$) -PM _{2.5}	26	60	IS:5182 (Part-24); 2019 Gravimetric Method
7. Sulphur dioxide (SO ₂) Concentration ($\mu\text{g}/\text{m}^3$)	11	80	IS:5182 (Part-2); 2018 New West & Gaeke Method
8. Nitrogen dioxide (NO ₂) Concentration ($\mu\text{g}/\text{m}^3$)	22	80	IS:5182 (Part-6); 2017 JACOB & Hochheiser Method
9. CO, Concentration (mg/m ³)	0.013	2	IS:5182 (Part-10); 2019 CO Analyzer Method

AUTHORISED SIGNATORY

1. RESPIRABLE DUST SAMPLER MODEL / APM 460; (SL NO. 2463-DTA-2019), CALIBRATED ON 30-12-2023, DUE ON 29-12-2024
 1. FINE PARTICULATE SAMPLER MODEL / APM 550; (SL.NO. 912-DTH-2011), CALIBRATED ON 30-12-2023, DUE ON 29-12-2024

Corporate Office : "LAWN HOUSE", #184-C, Vengalrao Nagar, Hyderabad-500038. (T.S.) INDIA. Phone: 66730925, 66730926, Fax: 040-66730926
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TEST REPORT

REF.NO: LAWN/SCL-M/2025 Report Date: 02-01-2025

AMBIENT AIR QUALITY DATA

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

Location	Near Crusher Area	LIMIT	PROTOCOL/METHOD
1. Date of sampling	25-12-2024	--	---
2. Date of Analysis	26-12-2024	--	---
3. Total time of monitoring	24 hr	--	---
4. Average flow rate (cum/min)	1.04	--	---
5. Particulate matter Concentration ($\mu\text{g}/\text{m}^3$) -PM ₁₀	69	100	IS:5182 (Part-23); 2017 Gravimetric Method
6. Particulate matter Concentration ($\mu\text{g}/\text{m}^3$) -PM _{2.5}	28	60	IS:5182 (Part-24); 2019 Gravimetric Method
7. Sulphur dioxide (SO ₂) Concentration ($\mu\text{g}/\text{m}^3$)	07	80	IS:5182 (Part-2); 2018 New West & Gaeke Method
8. Nitrogen dioxide (NO ₂) Concentration ($\mu\text{g}/\text{m}^3$)	16	80	IS:5182 (Part-6); 2017 JACOB & Hochheiser Method
9. CO, Concentration (mg/m ³)	0.014	2	IS:5182 (Part-10); 2019 CO Analyzer Method

AUTHORISED SIGNATORY

1. RESPIRABLE DUST SAMPLER MODEL / APM 460; (SL NO. 2465-DTA-2019), CALIBRATED ON 30-12-2023, DUE ON 29-12-2024
 1. FINE PARTICULATE SAMPLER MODEL / APM 550; (SL.NO. 931-DTH-2011), CALIBRATED ON 30-12-2023, DUE ON 29-12-2024

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TEST REPORT

REF.NO: LAWN/SCL-M/2025 Report Date: 02-01-2025

AMBIENT AIR QUALITY DATA

Name of the Industry & Address : **M/s. SAGAR CEMENTS LIMITED (MINE-2)**
 (Pedaveedu works)
 (Formerly known as M/s. AMARESWARI CEMENTS LIMITED)
 Pedaveedu (V), Mattampally (M),
 Suryapet - (Dist).

Location	Near Mines Office - ML-2	LIMIT	PROTOCOL/METHOD
1. Date of sampling	25-12-2024	--	---
2. Date of Analysis	26-12-2024	--	---
3. Total time of monitoring	24 hr	--	---
4. Average flow rate (cum/min)	1.09	--	---
5. Particulate matter Concentration ($\mu\text{g}/\text{m}^3$) -PM ₁₀	59	100	IS:5182 (Part-23); 2017 Gravimetric Method
6. Particulate matter Concentration ($\mu\text{g}/\text{m}^3$) -PM _{2.5}	20	60	IS:5182 (Part-24); 2019 Gravimetric Method
7. Sulphur dioxide (SO ₂) Concentration ($\mu\text{g}/\text{m}^3$)	05	80	IS:5182 (Part-2); 2018 New West & Gaeke Method
8. Nitrogen dioxide (NO ₂) Concentration ($\mu\text{g}/\text{m}^3$)	15	80	IS:5182 (Part-6); 2017 JACOB & Hochheiser Method
9. CO, Concentration (mg/m ³)	0.006	2	IS:5182 (Part-10); 2019 CO Analyzer Method

AUTHORISED SIGNATORY

1. RESPIRABLE DUST SAMPLER MODEL / APM 460; (SL NO. 2161-DTH-2011), CALIBRATED ON 30-12-2023, DUE ON 29-12-2024
 1. FINE PARTICULATE SAMPLER MODEL / AAS 127 MINI; (SL.NO. 17-J-751), CALIBRATED ON 30-12-2023, DUE ON 29-12-2024

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TEST REPORT

REF.NO: LAWN/SCL-M/2025 Report Date: 02-01-2025

AMBIENT AIR QUALITY DATA

Name of the Industry & Address : **M/s. SAGAR CEMENTS LIMITED (MINE-2)**
 (Pedaveedu works)
 (Formerly known as M/s. AMARESWARI CEMENTS LIMITED)
 Pedaveedu (V), Mattampally (M),
 Suryapet - (Dist).

Location	Near ML Area West Side Boundary	LIMIT	PROTOCOL/METHOD
1. Date of sampling	25-12-2024	--	---
2. Date of Analysis	26-12-2024	--	---
3. Total time of monitoring	24 hr	--	---
4. Average flow rate (cum/min)	1.12	--	---
5. Particulate matter Concentration ($\mu\text{g}/\text{m}^3$) -PM ₁₀	67	100	IS:5182 (Part-23); 2017 Gravimetric Method
6. Particulate matter Concentration ($\mu\text{g}/\text{m}^3$) -PM _{2.5}	26	60	IS:5182 (Part-24); 2019 Gravimetric Method
7. Sulphur dioxide (SO ₂) Concentration ($\mu\text{g}/\text{m}^3$)	09	80	IS:5182 (Part-2); 2018 New West & Gaeke Method
8. Nitrogen dioxide (NO ₂) Concentration ($\mu\text{g}/\text{m}^3$)	18	80	IS:5182 (Part-6); 2017 JACOB & Hochheiser Method
9. CO, Concentration (mg/m ³)	0.015	2	IS:5182 (Part-10); 2019 CO Analyzer Method

AUTHORISED SIGNATORY

1. RESPIRABLE DUST SAMPLER MODEL / APM 460; (SL NO. 2461-DTA-2019), CALIBRATED ON 30-12-2023, DUE ON 29-12-2024
 1. FINE PARTICULATE SAMPLER MODEL / AAS 127 MINI; (SL.NO. 17-F-731), CALIBRATED ON 30-12-2023, DUE ON 29-12-2024

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Surface Water Quality & Ground Water Quality:- Water Quality is being monitored by M/s. Lawn Environ Associates, Hyderabad at 4 locations with in the ML area and all the parameters are well with in the permissible Limits.

LAWN ENVIRO PRIVATE LIMITED
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TEST REPORT

REF.NO: LAWN/SCL-M/2025 Report Date: 02-01-2025

WASTE WATER ANALYSIS

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

Sample Particulars : Surface Water
 Date of Collection : 26-12-2024
 Date of Analysis : 27-12-2024
 PROTOCOL : A.P.H.A. 24th Edition, 2017 & IS: 3025

1. pH	: 7.40
2. Dissolved oxygen	: 4.10
3. Biochemical oxygen demand (3 days at 27 °C)	: <5.0
4. Fluorides as F	: 0.31
5. Colour (Hazen Units)	: <1.0
6. Cyanide as CN	: <0.01
7. Arsenic as As	: <0.01
8. Phenol Compunds as C ₆ H ₅ OH	: 0.18
9. Chromium as Cr	: <0.01
10. Anionic Detergents as MBAS	: <0.05
11. Total Coli forms/100 ml	: 22
12. Escherichia Coli/100 ml	: 09

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

AUTHORISED SIGNATORY

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TEST REPORT

REF.NO: LAWN/SCL-M/2025 Report Date: 02-01-2025

WATER ANALYSIS

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

Sample Particular : Nala Exit ML-1 Boundary
 Date of Collection : 26-12-2024
 Date of Analysis : 27-12-2024
 PROTOCOL : A.P.H.A 24th Edition

		As per IS:10500 - 2012 Requirement (Acceptable Limit)	Permissible Limit in the absence of alternate source
1. Colour (Hazen)	: Nil	5 max	15 max
2. Conductivity (micromhos/cm)	: 635	NS	NS
3. Total Dissolved Solids	: 380	500	2000
4. Turbidity (NTU)	: 1.20	01 max	05 max
5. pH	: 7.41	6.50 - 8.50	No relaxation
6. Total Suspended Solids	: 22	NS	NS
7. Sulphates as SO ₄	: 32	200 max	400 max
8. Phosphorus as P	: 0.22	NS	NS
9. Sodium as Na	: 67	NS	NS
10. Potassium as K	: 1.65	NS	NS
11. Calcium as Ca	: 42	5 max	200 max
12. Magnesium as Mg	: 6.24	30 max	100 max
13. Total Hardness as CaCO ₃	: 134	200 max	600 max
14. Chloride as Cl	: 104	250 max	1000 max
15. Fluoride as F	: 0.65	1.0 max	1.5 max
16. Nitrate Nitrogen as NO ₃	: 12	45 max	No relaxation
17. Total Alkalinity as CaCO ₃	: 96	200 max	600 max
18. Acidity as CaCO ₃	: 06	NS	NS

Contd.....

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TEST REPORT

REF.NO: LAWN/SCL-M/2025 Report Date: 02-01-2025

WATER ANALYSIS

Name of the Industry & Address : M/s. SAGAR CEMENTS LIMITED (MINE-2) (Pedaveedu works) (Formerly known as M/s. AMARESWARI CEMENTS LIMITED) Pedaveedu (V), Mattampally (M), Suryapet - (Dist).

Sample Particular : Nala Entering point into ML Area (W2)
 Date of Collection : 26-12-2024
 Date of Analysis : 27-12-2024
 PROTOCOL : A.P.H.A 24th Edition

		As per IS:10500 - 2012 Requirement (Acceptable Limit)	Permissible Limit in the absence of alternate source
1. Colour (Hazen)	: <5.0	5 max	15 max
2. Conductivity (micromhos/cm)	: 574	NS	NS
3. Total Dissolved Solids	: 344	500	2000
4. Turbidity (NTU)	: 1.40	01 max	05 max
5. pH	: 7.50	6.50 - 8.50	No relaxation
6. Total Suspended Solids	: 19	NS	NS
7. Sulphates as SO ₄	: 29	200 max	400 max
8. Phosphorus as P	: 0.19	NS	NS
9. Sodium as Na	: 59	NS	NS
10. Potassium as K	: 1.48	NS	NS
11. Calcium as Ca	: 37	5 max	200 max
12. Magnesium as Mg	: 5.58	30 max	100 max
13. Total Hardness as CaCO ₃	: 120	200 max	600 max
14. Chloride as Cl	: 93	250 max	1000 max
15. Fluoride as F	: 0.52	1.0 max	1.5 max
16. Nitrate Nitrogen as NO ₃	: 11	45 max	No relaxation
17. Total Alkalinity as CaCO ₃	: 86	200 max	600 max
18. Acidity as CaCO ₃	: 03	NS	NS

Contd.....

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TEST REPORT

REF.NO: LAWN/SCL-M/2025 Report Date: 02-01-2025

WATER ANALYSIS

Name of the Industry & Address : M/s. SAGAR CEMENTS LIMITED (MINE-2) (Pedaveedu works) (Formerly known as M/s. AMARESWARI CEMENTS LIMITED) Pedaveedu (V), Mattampally (M), Suryapet - (Dist).

Sample Particular : Nala Entering point into ML Area (W2)
 Date of Collection : 26-12-2024
 Date of Analysis : 27-12-2024
 PROTOCOL : A.P.H.A 24th Edition

		As per IS:10500 - 2012 Requirement (Acceptable Limit)	Permissible Limit in the absence of alternate source
19. Total Iron as Fe	: 0.13	0.3 max	No relaxation
20. Nickel as Ni	: <0.01	0.2 max	No relaxation
21. Manganese as Mn	: <0.01	0.1 max	0.3 max
22. Copper as Cu	: 0.06	0.05	1.5
23. Zinc as Zn	: 0.19	5.0	15
24. Lead as Pb	: <0.01	0.01	No relaxation
25. Arsenic as As	: <0.01	0.01	0.05
26. Chromium as Cr	: <0.01	0.05	No relaxation
27. Cadmium as Cd	: <0.01	0.003	No relaxation
28. Total Coliform Count	: 348	NS	NS
29. Escherichia Coli Count	: Absent	Absent	NS

Note : 1) All the values except pH & E.C. are expressed in mg/L.
 2) NS - Not Specified

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 Email: lawnenviro@yahoo.co.in, info@lawnenviro.in, URL : www.lawnenviro.in

Environmental Monitoring Contd...

Noise Level Monitoring Details:- Noise Levels Monitoring is being conducted by M/s. Lawn Environ Associates, Hyderabad, at 11 Mining Locations once in a quarter and Noise Levels are within the permissible limits.

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TEST REPORT

REF.NO: LAWN/SCL-M/2025

Report Date: 02-01-2025

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)		
	Max	Min	Avg.
1. Near Shovel Working	78.50	75.30	76.90
2. Near Drill Working	80.10	76.50	78.30
3. Tipper Inside Cabin	77.40	73.40	75.40
4. Near Crusher Hopper	79.30	75.10	77.20
5. Near Haulage Road	76.20	73.80	75.00
6. Near Dumping	77.60	74.20	75.90
7. Near Drilling Area	81.50	77.30	79.40
8. Near Loading Area	80.90	75.70	78.30
9. Near S-E ML Boundary	66.30	62.50	64.40
10. Near N-E ML Boundary	64.50	60.10	62.30
11. Near S-W ML Boundary	68.20	65.60	66.90

Note: *I 1. Noise levels monitoring conducted on 26-12-2024.
 2. Instrument make - Lutron SL - 4001 / G-49271, Calibrated On 21-02-2024, Due On 20-02-2025.
 *II The noise Pollution (Regulation and Control) Rules, 2000
 Schedule, Rule 3(1) and 4(1), Section 7 - (IX) factories act - Limit <90 dB (A)

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TEST REPORT

REF.NO: LAWN/SCL-M/2025

Report Date: 02-01-2025

NOISE QUALITY DATA

Name of the Industry & Address : **M/s. SAGAR CEMENTS LIMITED (MINE-2)**
 (Pedaveedu works)
 (Formerly known as M/s. AMARESWARI CEMENTS LIMITED)
 Pedaveedu (V), Mattampally (M),
 Suryapet - (Dist).

Location	Levels in dB (A)		
	Max	Min	Avg.
1. Near Pedaveedu Village	51.90	47.50	49.70
2. Near Ramachandrapuram Village	49.50	45.30	47.40
3. Western Boundary of ML Area	63.80	59.80	61.50
4. Near Shovel Working	76.40	71.20	73.80
5. Near Drill Working	80.10	75.70	77.90
6. Tipper Inside Cabin	72.60	67.60	70.10
7. Near Haulage Road	67.40	62.20	64.80
8. Near Loading Area	78.20	74.60	76.40
9. Near Mines Office	65.70	60.10	62.90

Note: *I 1. Noise levels monitoring conducted on 25-12-2024.
 2. Instrument make - Lutron SL - 4001 / G-49271, Calibrated On 21-02-2024, Due On 20-02-2025.
 *II The noise Pollution (Regulation and Control) Rules, 2000
 Schedule, Rule 3(1) and 4(1), Section 7 - (IX) factories act - Limit <90 dB (A)

AUTHORIZED SIGNATORY

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TEST REPORT

REF.NO: LAWN/SCL-M/2025

Report Date: 02-01-2025

FUGITIVE EMISSION DATA

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

PROTOCOL : IS-5182 (Part-4)

S.No.	Location	Date of Sampling	Date of Analysis	SPM (µg/m ³)	LIMITS
1	Near Unloading	20-12-2024	23-12-2024	1,346	2000 (µg/m ³)
2	Near Haulage Road	20-12-2024	23-12-2024	989	
3	Near Secondary Crusher	20-12-2024	23-12-2024	1,170	
4	Conveyor Transfer Point - 1	21-12-2024	23-12-2024	1,260	
5	Conveyor Transfer Point - 2	21-12-2024	23-12-2024	1,274	
6	Near Drilling Area	21-12-2024	23-12-2024	1,352	
7	Near Haulage Road-2 (Near HSD Bunk)	21-12-2024	23-12-2024	1,046	

1. RESPIRABLE DUST SAMPLER MODEL / APM 460; (SL. NO. 2161-DTH-2011), CALIBRATED ON 30-12-2023, DUE ON 29-12-2024
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3. RESPIRABLE DUST SAMPLER MODEL / APM 460; (SL. NO. 2463-DTA-2019), CALIBRATED ON 30-12-2023, DUE ON 29-12-2024

AUTHORIZED SIGNATORY

Corporate Office : "LAWN HOUSE", #184-C, Vengalrao Nagar, Hyderabad-500038. (T.S.) INDIA. Phone: 66730925, 66730926, Fax: 040-66730926
 Branch Office : D.No.31-58-103, MIG-71, Phase-7, Road No.4/4, Dwarakapuri Colony, Kurmanapallem, Vishakhapatnam-530046.Tel : 9701505182
 Email: lawnenviro@yahoo.co.in, info@lawnenviro.in, URL : www.lawnenviro.in

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 within the permissible limits of statutory guidelines. Air Borne dust and free silica analysis report is being monitored once in a year at 5 locations and silica levels are within the permissible limits.

InstanTel

Date/Time Tran at 11:04:23 March 8, 2024
Trigger Source Geo: 0.510 mm/s
Range Geo: 31.7 mm/s
Record Time 2.0 sec at 1024 sps
Notes
 Location: Sagar Cements Limestone Mine
 Client: Sagar Cements Limited
 User Name: Sagar Cements Limited
 General: Deep hole Blasting

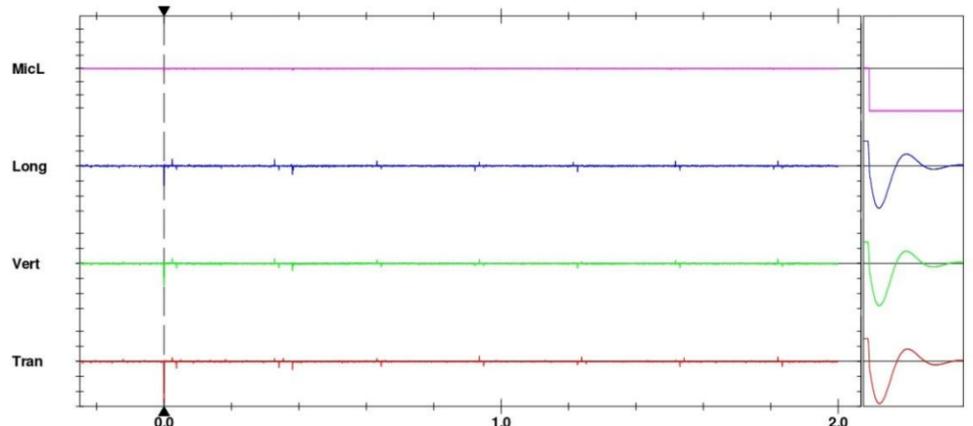
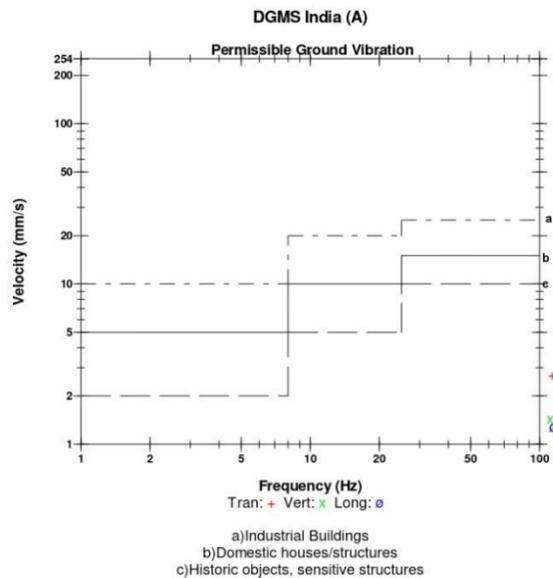
Extended Notes
 Location: 1st bench East, No. of Holes-58,
 Spacing-5.0Mtrs, burden-3.0 Mtrs, Bench Height- 8.5 Mtrs.
 Blasting site to instrument distance - 200 Mtrs.

Microphone Linear Weighting
PSPL 100.0 dB(L) 2.00 pa.(L) at 0.000 sec
ZC Freq >100 Hz
Channel Test Check (Freq = 0.0 Hz Amp = 0 mv)

	Tran	Vert	Long	
PPV	2.71	1.44	1.29	mm/s
PPV	59.7	54.2	53.2	dB
ZC Freq	>100	>100	>100	Hz
Time (Rel. to Trig)	0.000	0.000	0.000	sec
Peak Acceleration	0.288	0.159	0.146	g
Peak Displacement	0.00133	0.00071	0.00028	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.3	7.5	7.5	Hz
Overswing Ratio	3.5	3.5	3.6	
Peak Vector Sum	3.33 mm/s at 0.000 sec			

Event Report

Serial Number BE21125 V 10.72-1.1 Minimate Blaster
Battery Level 6.2 Volts
Unit Calibration April 24, 2023 by UES New Delhi
File Name W125KG6P.FB0
Post Event Notes
 blasting Quantity-23000 MT, Total Explosive-3125 Kgs, P.F -7.36
 Charge Per Hole- 45.95 Kgs.



InstanTel

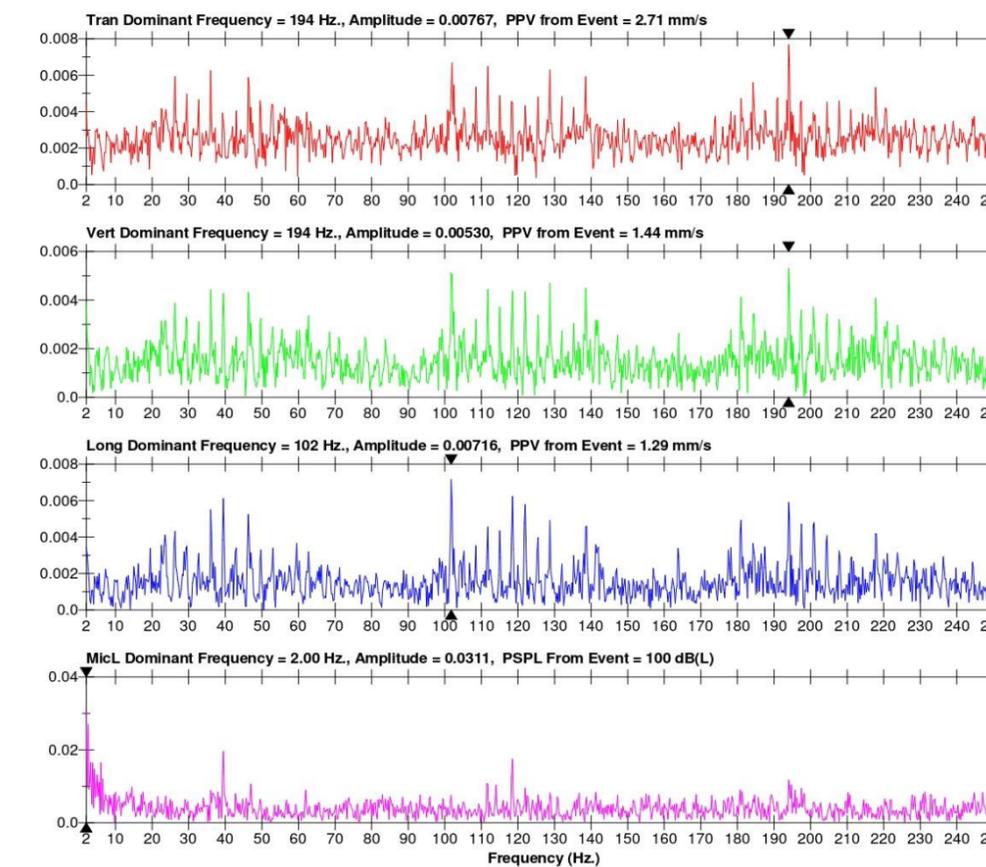
Date/Time Tran at 11:04:23 March 8, 2024
Trigger Source Geo: 0.510 mm/s
Range Geo: 31.7 mm/s
Record Time 2.0 sec at 1024 sps
Notes
 Location: Sagar Cements Limestone Mine
 Client: Sagar Cements Limited
 User Name: Sagar Cements Limited
 General: Deep hole Blasting

Post Event Notes
 blasting Quantity-23000 MT, Total Explosive-3125 Kgs, P.F -7.36
 Charge Per Hole- 45.95 Kgs.

FFT Report

Serial Number BE21125 V 10.72-1.1 Minimate Blaster
Battery Level 6.2 Volts
Unit Calibration April 24, 2023 by UES New Delhi
File Name W125KG6P.FB0

Extended Notes
 Location: 1st bench East, No. of Holes-58,
 Spacing-5.0Mtrs, burden-3.0 Mtrs, Bench Height- 8.5 Mtrs.
 Blasting site to instrument distance - 200 Mtrs.



LAWN ENVIRO PRIVATE LIMITED
 [Environmental Engineers & Consultants in Pollution Control]
Recognised by MOEF&CC/CPCB under EP Act, GOI, New Delhi & Laboratory Accredited by NABL.

ISO 9001, 14001 & 45001
 Certified Company

TEST REPORT

REF.NO: LAWN/SCL-M/2025

Report Date: 02-01-2025

AIR BORNE DUST & FREE SILICA ANALYSIS

Name of the Industry & Address : **SAGAR CEMENTS LIMESTONE MINE-1 OF M/s. SAGAR CEMENTS LTD.,**
 Pedaveedu Village, Mattampally,
 Suryapet (Dist) - 508 204.

Date of Collection : 24-12-2024
 Date of Analysis : 25-12-2024

Sl.No.	Location	Operation	Designation	Dust Concentration (mg/m ³)	Limits (mg/m ³)	Free Silica Content (%)	Limits (%)
1	Drilling Operator	Drilling of Limestone	Driller	0.26	3.0	Not Detected	5.0
2	Shovel Operator	Unloading of Limestone to crusher	Shovel Operator	0.40		Not Detected	
3	Dumper Operator	Movement of Dumpers carrying ROM from mine to crusher	HEMM Operator	0.30		Not Detected	
4	Crusher Operator	Crushing Lime stone	Crusher Helper	0.34		Not Detected	

Note:

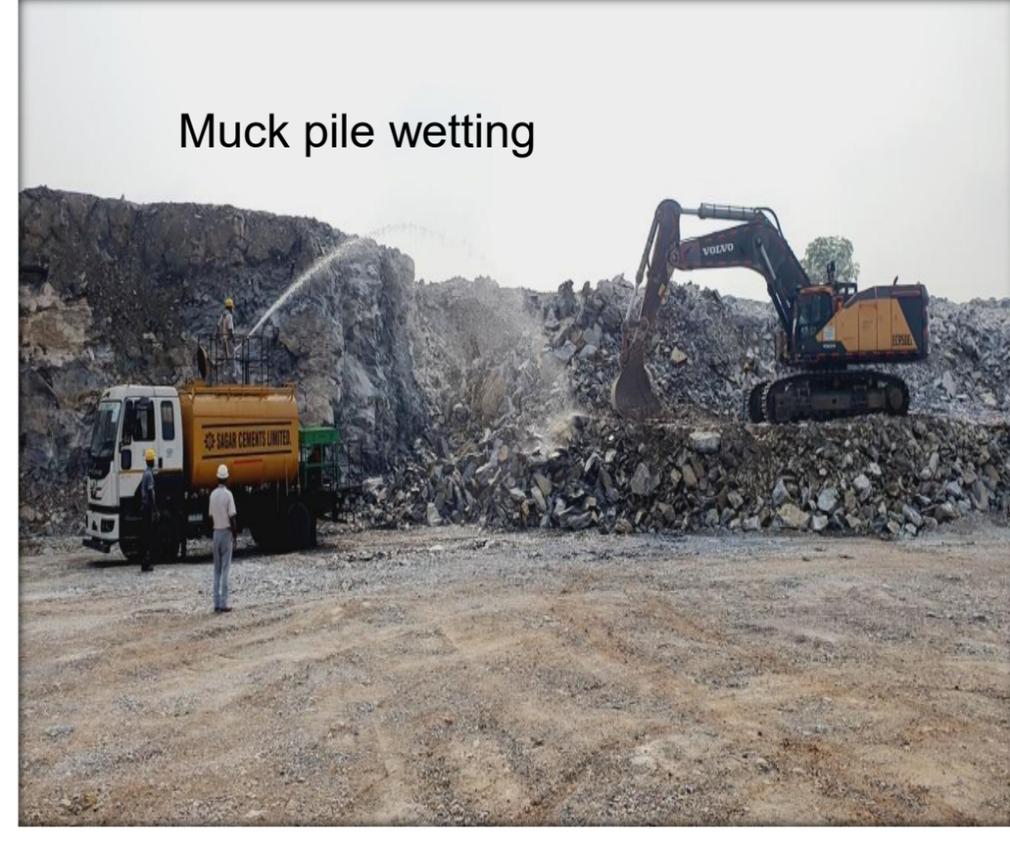
1)
 Instrument Name : **Personal Sampler**
 Model No : APM 800;
 Make : ENVIROTECH Instruments Pvt.Ltd.,
 Serial number : 914-DTA-2015
 Calibration On : 01-6-2024
 Calibration due On: 31-5-2025

2)
 Instrument Name : **Personal Sampler**
 Model No : APM 800;
 Make : ENVIROTECH Instruments Pvt.Ltd.,
 Serial number : 914-DTA-2013
 Calibration On : 01-6-2024
 Calibration due On: 31-5-2025

3)
 Instrument Name : **Personal Sampler**
 Model No : APM 801;
 Make : ENVIROTECH Instruments Pvt.Ltd.,
 Serial number : 67-B-23 P
 Calibration On : 04-7-2024
 Calibration due On: 03-7-2025

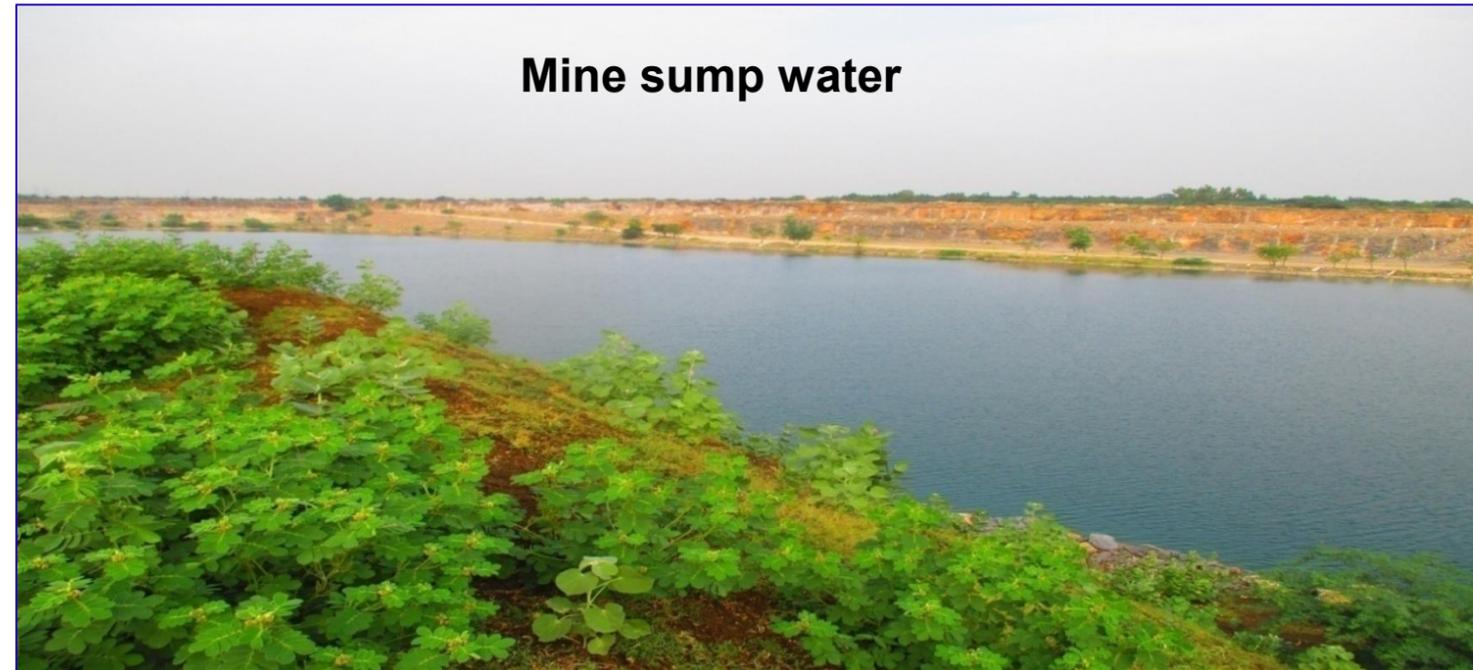
[Signature]
 AUTHORISED SIGNATORY

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 Email: lawnenviro@yahoo.co.in, info@lawnenviro.in, URL : www.lawnenviro.in





Check dam



Mine sump water



Roof top water harvesting pit



Bore water level measuring



Haul road wetting



Roof water harvesting pit

Bore water level measuring & Digital _ Piezometer



Rain Water Harvesting Pits in the ML area



Constitution of SDU (Sustainable development Unit)	Constituted
Total Expenditure incurred for implementation Of SDF at Mine Level	About Rs.2,38,24,795/- spent towards implementation of SDF at mine level for the financial year 2024-25.
Innovation of energy saving by use of solar Power or other resources	5 % of the power using in the mines is being provided from Solar Power Panels located in mines and plant premises. Using Fuel additives to minimise the diesel consumption in the HEMM.
Community development	Enclosed
Disposal of mill tailing/tailing dam management	Nil
Identification of safety hazards	Identified hazardous areas and prepared and distributed Safe Operating Procedures to Operators of respective areas and displayed the same at suitable locations.
proper setting of residential colony	Residential colony is located at the plant premises with well laid CC Roads and with all the facilities like PHC, Safe drinking water, Temple, Park, Play ground, Club with indoor games, thick plantation etc.
proper setting of administrative and industrial Building	Administrative office (Mines) with all the facilities like Chilled RO water, First Aid Station, Rest Rooms, OHP Conference Hall etc., Entire office is provided with Air Conditioners.
Effort for zero waste mining	We are using low grade above Sio2 - 15-22% by blending with high Gr, Lst.
Community centers	Provided



CSR Expenditure Incurred by SCL Mine - 1, for the FY-2024-25



Sl. No	Parameters	Particulars of work done	Expenditure Incurred (In Rs) 2024-25	Beneficiaries
1	Water Storage tanks drinking water supply facilities and irrigation support to agriculture	Expenses for maintenance of Pedaveedu and Raghunathapalem Lift and donation of 3 water tankers to Mattampally villagers etc...	1498900	Pedaveedu and RaghunathPalem villagers
2	Preventive measure for mitigation of mine related health problems	Expenses to conduct mega health camps and weekly medical camps at near by villages	835591	Mattampally & Pedaveedu Villagers
3	Promotion of hygiene and sanitation public health initiatives	Payment of monthly honorarium to medical staff at PHC and veterinary assistants	1140000	Mattampally & Pedaveedu Villagers
4	Skill development and vocational training programmes for local communities	Payment of stipend to trainees under SDS scheme	2663416	Mattampally & Pedaveedu Villagers
5	Promotion of Literacy and Educations	Payment of monthly honorarium to school vidya volunteers, supporting staff and payment of salaries to school teachers etc...	6742044	Mattampally & Pedaveedu Villagers
6	Support to social culture recreational activities	Payment of salaries to temple priests and financial assistance to all the religions festivals etc.	961535	Mattampally & Pedaveedu Villagers
7	Livelihood & Socio economic standard implementation on support	Payment of monthly honorariums to supporting staff working at govt offices.	582985	Mattampally & Pedaveedu Villagers
8	Importance of road connectivity and public transport and other infrastructure facilities	Laying of CC roads, installation of RO Water Plants and LED lights construction of school buildings etc...	2453063	Mattampally & Pedaveedu Villagers
Total Expenditure			1,68,77,534	

Constitution of SDU(Sustainable development Unit)	Constitued
Total Expenditure incurred for implementation Of SDF at Mine Level	About Rs.47,29,667 were spent towards implementation of SDF at mine level for the financial year 2024-25
Innovation of energy saving by use of solar Power or other resources	5 % of the power using in the mines is being provided from Solar Power Panels located in mines and plant premises.
Community development	Enclosed
Disposal of mill tailing/tailing dam management	Nil
Identification of safety hazards	Identified hazardous areas and prepared and distributed Safe Operating Procedures to Operators of respective areas and displayed the same at suitable locations.
Proper setting of residential colony	Residential colony is located at the plant premises with well laid CC Roads and with all the facilities like PHC, Safe drinking water, Temple, Park,Play ground, Club with indore games, thick plantation etc.
Proper setting of administrative and industrial Building	Administrative office (Mines) is located near lease area with all the facilities like Chilled RO water, First Aid Station, Rest Rooms etc...
Effort for zero waste mining	Entire limestone produced being consumed without stocking anyware.
Community centers	Provided



CSR Expenditure Incurred by SCL Mine - 2, for the FY 2024-25



Sl. No	Parameters	Particulars of work done	Expenditure Incurred (In Rs) 2024-25	Beneficiaries
1	Water Storage tanks drinking water supply facilities and irrigation support to agriculture	RO water plant repair and maintenance	302300	Pedaveedu and Raghunatha Palem villagers
2	Preventive measure for mitigation of mine related health problems	Mega Health Camp at Mattampally Village.	106719	Mattampally & Pedaveedu Villagers
3	Promotion of hygiene and sanitation public health initiatives	Monthly honorarium to verinary assistants & Toilets construction.	534000	Mattampally & Pedaveedu Villagers
4	Skill development and vocational training programmes for local communities	Providing skill development programmes for Degree and Diploma completed students under the scheme.	227908	Mattampally & Pedaveedu Villagers
5	Promotion of Literacy and Educations	Payment of Monthly honorarium to school teachers, and consturction of Toilets for boys & Girls etc...Merit Scholarship awards, charges towards leveling of school compound ground.	868540	Mattampally & Pedaveedu Villagers
6	Support to social culture recreational activities	Financial assistance for distribution of buttermilk, donation of tricycles etc...	120000	Mattampally & Pedaveedu Villagers
7	Livelihood & Socio economic standard implementation on support	Monthly honorarium payment to staff working at Bank	93950	Mattampally & Pedaveedu Villagers
8	Importance of road connectivity and public transport and other infrastructure facilities	Donation of AC' s in mosques, Laying of CC Roads Etc...	296418	Mattampally & Pedaveedu Villagers
Total Expenditure			25,49,835	



Initiatives by Sagar Cements Limited



Purchase of water tanker (4KL) to meet drinking water requirements at Mattampally Village.



గ్రామ అభివృద్ధిలో సాగర్ సిమెంట్స్ భాగస్వామ్యం అభినందనీయం

- కాంగ్రెస్ పార్టీ యువ నాయకులు ఆదూరి కిషోర్ రెడ్డి
- ఆరు లక్షల విలువైన వాటర్ ట్యాంకర్లు గ్రామ పంచాయతీకి అందజేశ

సికె న్యూస్ సూర్యాపేట జిల్లా ప్రతినిధి (రామయ్య) జూన్ 12: గ్రామ అభివృద్ధిలో సాగర్ సిమెంట్స్ యాజమాన్యం భాగస్వామ్యం కావడం అభినందనీయమని కాంగ్రెస్ పార్టీ యువ నాయకులు ఆదూరి కిషోర్ రెడ్డి అన్నారు. మరంపల్లి గ్రామపంచాయతీ పరిధిలో ఎన్నో అభివృద్ధి కార్యక్రమాలు మరియు సేవా కార్యక్రమాలు హెల్త్ క్యాంపులు నిర్వహిస్తున్న సాగర్ సిమెంట్ యాజమాన్యం దానిలో భాగంగానే బుధవారం 5,000 లీటర్ల సామర్థ్యం కలిగిన రెండు వాటర్ ట్యాంకర్లను మరియు డంపింగ్ యార్డ్ కు చెత్తను తీసుకువెళ్లే ట్రక్కును సాగర్ సిమెంట్ యాజమాన్యం మండల, గ్రామ అధికారులు గ్రామ నాయకుల సమక్షంలో వాటిని గ్రామపంచాయతీ ముందర గ్రామ పంచాయతీ అధికారులకు అందజేయడం జరిగింది. ఇట్టి కార్యక్రమంలో ఎంపీడీవో జానకి రాములు ఎంపీఓ అంజనేయులు, ఏపీఎం సౌజన్య మాజీ సర్పంచ్ కొత్తపల్లి కృపానందం మాజీ ఉపసర్పంచ్ గాదె లుద్ద మరెడ్డి మత్స్యశాఖ అధ్యక్షులు తదితరులు నాగేశ్వరరావు ఎంపీఓ సనసయ్య, కాంగ్రెస్



పార్టీ నాయకులు కొత్తపల్లి శౌరి కర్నే వెంకటేశ్వర్లు వల్లపు దాస్ మహేష్ గౌడ్ గాదె జయ భరత్ రెడ్డి ఎస్ కే జూనీ పాషా భాష్యం వీరబాబు దైద రాయలు తాటికొండ పాపిరెడ్డి, మత్స్యశాఖ సెక్రటరీ చింతల వీరబాబు మల్లె బోయిన గోపయ్య, బీకాం గురవయ్య జూలు వెంకటేశ్వర్లు ఏసు మల్ల రాములు నందిపాటి రవి దగ్గుపాటి రత్నం వల్లపు దాస్ హనుమంత్ కొత్తపల్లి దానయ్య పొట్ట ఇశ్రాయేలు నందిపాటి చంద్రయ్య కస్తూరి భిక్షం గ్రామపంచాయతీ చిల్ కలెక్టర్ అన్వర్, ఆర్ఎంపీ డాక్టర్ చారి మరియు పంచాయతీ సిబ్బంది తదితరులు సాల్గని సాగర్ సిమెంట్స్ యాజమాన్యాన్ని అభినందించారు.



‘సాగర్ సిమెంట్’ సహకారంతో బియ్యం పంపిణీ

● పంపిణీ కార్యక్రమంలో పాల్గొన్న మంత్రి ఉత్తమ్ కుమార్ రెడ్డి



నవతెలంగాణ-మతంపల్లి మండల కేంద్రంలోని దళితవాడలో ఇటీవల కురిసిన భారీవర్షాలకు ఇండ్లు నీటమునిగిన బాధితులకు మంగళవారం సాగర్

సిమెంట్ వారి సహకారంతో కుటుంబానికి 25 కేజీల బియ్యం చొప్పున మంత్రి ఉత్తమ్ కుమార్ రెడ్డి పంపిణీ చేశారు. ఈ సందర్భంగా ఆయన మాట్లాడుతూ బాలాధితులను ఆదుకునేందుకు ముందుకొచ్చినందుకు అభినందించారు. వరదల్లో కాలనీ ప్రాంతానికి కాంగ్రెస్ నాయకులు వెళ్లి పరిస్థితిని పరిశీలించి

మంత్రి దృష్టికి తెచ్చారు. సాగర్ సిమెంట్స్ వారు సుమారు 150 కుటుంబాలకు బియ్యం అందించారు. ఈ కార్యక్రమంలో ఆర్డీవో శ్రీనివాసులు, తాసిల్దార్ మంగరాధోడ్, పరిశ్రమ అధికారులు హరిదాస్, తూడి వెంకటరెడ్డి మంజీ నాయక్ ఆదోరి కిషోర్ రెడ్డి, బుచ్చయ్య, బచ్చలకూరి బాబు తదితరులు పాల్గొన్నారు.



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సాక్షి

సాగర్ సిమెంట్స్ సహకారంతో వాటర్ ప్లాంట్లు ఏర్పాటు

మతంపల్లి : మండలంలోని గుండ్లపల్లిలో సాగర్ సిమెంట్స్ పరిశ్రమ సహకారంతో రూ.2 లక్షలతో ఏర్పాటు చేసిన వాటర్ ప్లాంట్ను గురువారం పరిశ్రమ ప్రతినిధి తూడి వెంకటరెడ్డి ప్రారంభించారు. ఈ సందర్భంగా ఆయన మాట్లాడుతూ.. సీఎస్ఆర్ నిధులతో వాటర్ ప్లాంట్లు ఏర్పాటు చేసినట్లు వెంకటరెడ్డి తెలిపారు. పరిశ్రమ పరిధిలోని గ్రామాల అభివృద్ధికి తమ వంతు సహకారం ఎల్లప్పుడూ ఉంటుందన్నారు. ఈ సందర్భంగా గ్రామస్థులు పరిశ్రమ అధికారులకు ధన్యవాదాలు తెలిపారు. కార్యక్రమంలో కాంగ్రెస్ నాయకులు, మాజీ ఎంపీటీసీ గుండా వెంకటరమణ బ్రహ్మరెడ్డి తదితరులు పాల్గొన్నారు.



సాగర్ సిమెంట్ సహకారంతో వాటర్ ప్లాంట్

నవతెలంగాణ-మతంపల్లి

మండలంలోని గుండ్లపల్లిలో సాగర్ సిమెంట్స్ వారి సహకారంతో రెండు లక్షల విలువ చేసే వాటర్ ప్లాంట్ను గురువారం ఏర్పాటు చేశారు. ఈ సందర్భంగా పరిశ్రమ ప్రతినిధి తూడి వెంకటరెడ్డి మాట్లాడుతూ సీఎస్ఆర్ నిధుల ద్వారా వాటర్ ప్లాంట్ అందించడం జరిగింది అన్నారు. పరిశ్రమ పరిధిలోని గ్రామాల అభివృద్ధికి తమవంతు సహకారం ఎల్లప్పుడూ ఉంటుందన్నారు. గ్రామంలో తాగునీటికి వాటర్ ప్లాంట్ కావాలని గ్రామస్థులు, ప్రజాప్రతినిధులు కోరడంతో ఏర్పాటు చేసినట్లు తెలిపారు. ఈ కార్యక్రమంలో కాంగ్రెస్ నాయకులు గుండా బ్రహ్మరెడ్డి పాల్గొన్నారు.









Construction of Toilets for Kasturba Girls School.

Management personnel Participation in the Company Events





Rest room

Canteen

Administrative Office (Mines) View



Admn. office (Mine)



HOD Chamber



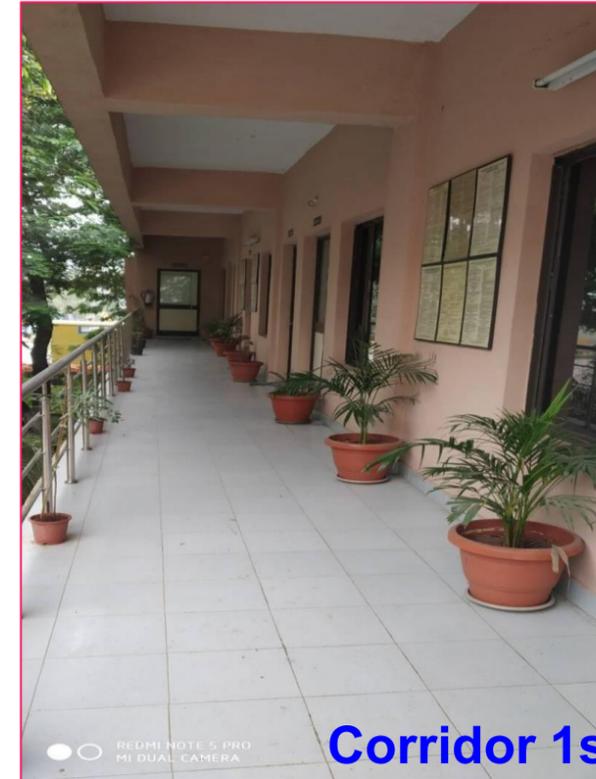
Staff & Officers Chamber



First Aid Station



Record Room



Corridor 1st & 2nd Floor



ర్యాలీ నిర్వహించి.. అవగాహన కల్పించి

మరంపల్లి, సూర్యపేట: కేంద్ర గనుల మంత్రిత్వ శాఖ ఆదేశాల మేరకు హైదరాబాద్ లోని ఇండియన్ బ్యూరో ఆఫ్ మైన్స్ ఆధ్వర్యంలో క్షయవ్యాధి నిర్మూలనపై అవగాహన కార్యక్రమాలు నిర్వహిస్తున్నట్లు సాగర్ సిమెంట్స్ గనుల విభాగం ఏపీ సుబ్రహ్మణ్యం, డిజిఎం(హెచ్ఆర్) హేమంత్ కుమార్ చెప్పారు. మరంపల్లి ఎస్సెఎల్ కాలనీలో సోమవారం నిర్వహించిన ర్యాలీలో మాట్లాడారు. కర్మాగారం వైద్యాధికారి కె.శ్రీలక్ష్మి క్షయ వ్యాధి లక్షణాలు, వ్యాప్తికి కారణాలు, నివారణ చర్యలు వివరించారు. ఆనంతరం వారితో నిక్షయ ప్రతిజ్ఞ చేయించారు. 100 రోజుల ఈ ప్రచార కార్యక్రమాలకు తమ పరిశ్రమ అధికారులు తోడ్పాటునందిస్తున్నట్లు చెప్పారు.



కుటుంబ సభ్యులతో కలిసి ప్రతిజ్ఞ చేస్తున్న కార్మికులు

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(SURYAPET) PageNo :



Environmental Slogans and Posters displayed in the Mines.



Sagar Cements Limestone Mine - 1, Model & Mineral Display Box



<p>a) Green Energy Usage</p>	<p>SCL is having 1.35 MW Solar Based Power plant located partially within the ML area more than 70% of the energy required for mining and allied operations being met from solar energy. Also company having EV loader and EV road sweeping machine etc.. To minimize the waste gases generation in to the atmosphere.</p>
<p>b) Eco-Friendly Transportation</p>	<p>All the colony employees using bicycles to commute to attend the duties. Company is using fuel gadgets which minimizes the smoke emissions in to the atmosphere. Also using the Hydraulic oil cleaning system by which we recycle the hydraulic oil used clean the same in the centrifugal system and reuse the oil for topping the hydraulic oil in the HEMM. Maintaining proper gradient during making ramps to minimize the diesel consumption.</p>
<p>c) Mining Waste Disposal</p>	<p>SCL is practicing Zero Waste Mining. No waste generation is anticipated. Entire ROM generated being fed to crusher for manufacturing of clinker without stacking anywhere.</p>

d) Rain Water Utilization

Company has constructed about 52 Rain water, Roof top water harvesting pits in the mines, factory and residential colony premises with a aim to harvest the rain water for augmentation of ground water. We are storing rain water in the bottom benches so that ground water may recharge. apart the above we have constructed check dams across the seasonal nala passing through the ML area to recharge the ground water in the near by areas.

e) Dust Suppression Techniques

Sagar Cements practicing wet drilling. Company has undertaken thick plantation all along the MLB (7.5 mtrs) & 50 mtrs along the seasonal nala passing through ML area and along the haul roads crusher premises etc.. Company is having auto water sprinkling system arrangement to the limestone hopper out side and water mist system inside the crusher hopper along the water sprinkling arrangement on conveyor belts carrying the crushed limestone to the stockpile and a 12 KL water tanker for water sprinkling on roads for dust suppression.

Solar Panels (1.35 MW) on Roof Top of Railway Wagon shed





Water sprinkling in the dumper body material



Water spray arrangement in the dump hopper

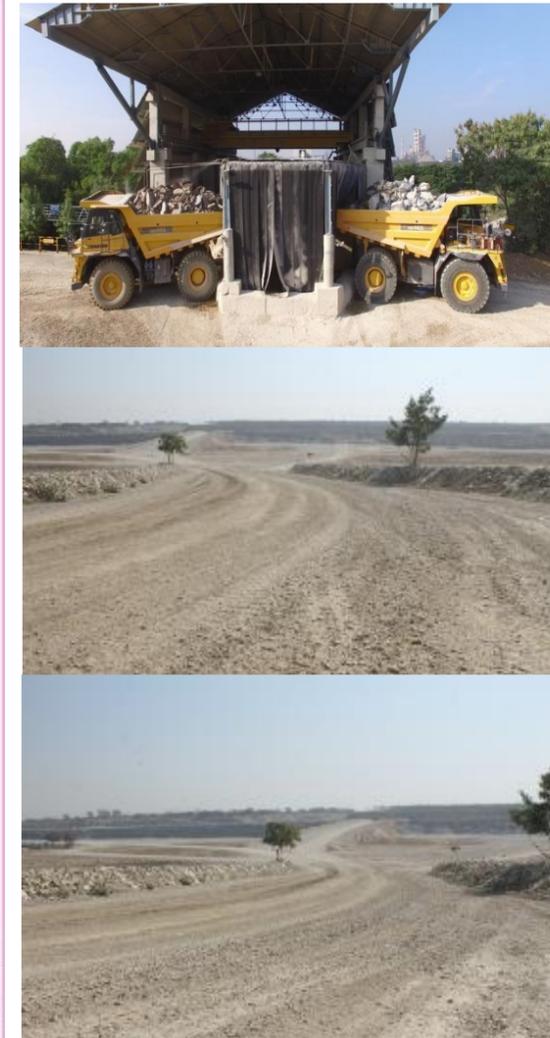
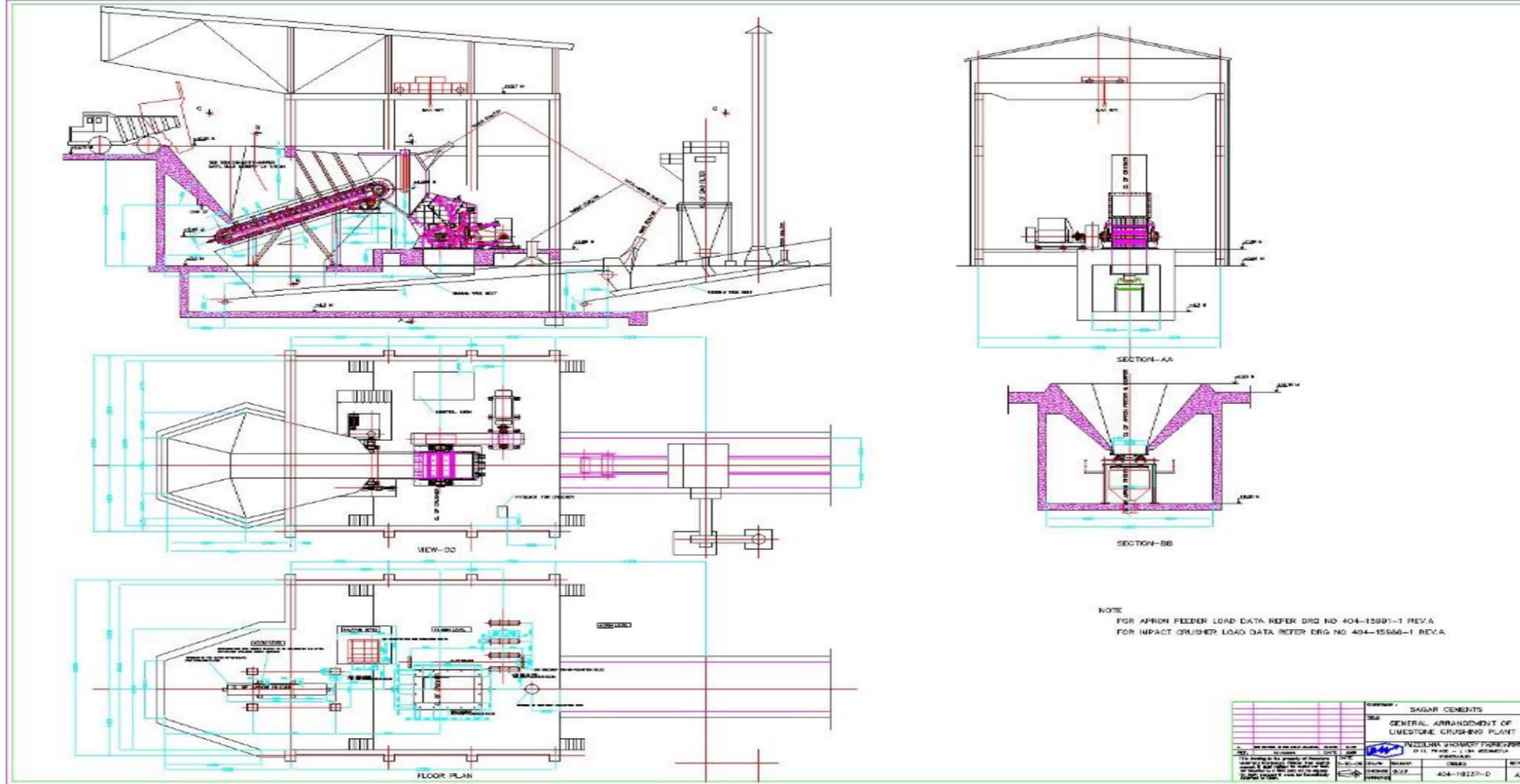


Haul road wetting

Sagar Cements Limited constantly adopting latest technology to reduce carbon foot prints apart from taking all the possible measures in house. Details of few as follows.

- ❖ Sagar Cements Using various devices to save the fuel cost up to 20% and reduces the emissions up to 80%.
- ❖ Using High efficiency Energy Star appliances. unplugging electronics when they are not in use.
- ❖ Periodical maintenance of Mining Machinery and supporting equipments.
- ❖ Inpit crusher installed to reduce fuel consumption.
- ❖ Preventive maintenance of HEMM. (Engine overhauling)

Reduction of Carbon Foot Prints:-



- General practice of placing limestone dump hopper is above the ground level, where a gradient of ramp would be 1in 20 with a 10 m height and 200 m length. Fuel consumption of similar capacity dumper at other plants are 36 L/hr.
- As Crusher at SCL installed at below the ground level and dump hopper is at surface level, the fuel consumption of the Dumpers carrying the limestone from mine to crusher dump hopper is 26 L/hr.
- The net fuel saving is 10 L/hr per each Dumper
- Up to 2008 to 2020-21 Dumper running hours 106850 and Average fuel consumption 26.19 L/hr each dumper. saving s comparing with other plant 8.81 L/hr per each Dumper
- Total fuel saving is $106850 \times 8.81 = 941349$ Liters

Total fuel savings	783.20 tones
CO2 emission factor for fuel	74.10 kg CO2/GJ
Fuel heating value	42.71 GJ/t
Total energy from fuel	33447 GJ
Total CO2 savings	2478t.CO2

EV Loader and Sweeping Machine



Purpose to reduce pollution and enhance the change period

- a) Reduced oil consumption**
- b) Extended oil change period**
- c) Reduced pollution & environmental impact**
- d) Fine filtration up to 1 micron**
- e) Reduced component wear & tear**
- f) Being used as top ups as & when required**



To control air pollution while cleaning dusty air filters

- 1. Usage of in house eco friendly device.**
- 2. The suction fan sucks down the dust from the filter and the air dust passes through the water tray where dust is trapped in water and clean air passes to the atmosphere.**
- 3. Air filter is placed inside the rubber curtain to avoid dust coming out.**
- 4. Make: Indigenous**
- 5. Results: Zero air pollution**
- 6. Working Principle: Simple but effective**



To reduce fuel consumption & subsequent reducing in carbon emission

- 1. Use of Fuel gadget on PC-1250 excavator on experimental basis**
- 2. Purpose was to reduce the fuel consumption from 75 Ltrs / Hr**
- 3. Results: Achieved 72 Ltrs / Hr consistently**
- 4. Working Principle: Reduces engine RPM without effecting the productional basis**





Blasting Shelter



Used Plastic bottle



Drilled hole covering plug

Sagar Cements Limited is committed to achieve zero waste mining by adopting the following.

Sagar Cements Limited practicing zero waste mining. SCL extracting entire limestone above threshold value by using the available resources and utilizing the same 100% without stocking anywhere.

- 1. Using Mining soft ware to blend the low grade and high grade Lime stones in suitable proportions.**
- 2. Using Cross Belt Analysers (CBA) for constant quality monitoring.**
- 3. Using petcoke/imported coal as fuel for kiln incineration to consume high siliceous limestone. etc...**

Sagar Cements has adopted "5S System. The 5S system is a workplace organization methodology that aims to improve efficiency and reduce waste by keeping the work environment clean and organized. Every Saturday we will conduct swachhata (cleaning) programme in mines & Garage area premises with mine and auto garage employees. SCL is having 4 sweeping machines for sweeping the roads and maintain the clean premises everyday. Apart from the above under swachhata Hi Seva - 2024 Campaign various activities as per the guidelines were carried out throughout the fortnight. Few photoes of SHS – 2024 and cleaning by mine employees displayed as following.



Swachhta Awareness programmes to Mine Employees





సాగర్ సిమెంట్స్ లిమిటెడ్: మట్టంపల్లి

ప్రతిజ్ఞ

స్వచ్ఛత యే సేవ - నావంతు కర్తవ్యం

మహాత్మా గాంధీజీ కన్న కలలు స్వచ్ఛమైన, నూతన భారతదేశ నిర్మాణం కోరకు మరియు ప్లాస్టిక్ రహిత నవభారతావన్ని నిర్మించడం కోరకు ప్లాస్టిక్ వ్యర్థాల సేకరణ వంటి అవగాహన కార్యక్రమాలు స్వచ్ఛత యే సేవ ఉద్యమంలో నావంతు కర్తవ్యం నిర్వహిస్తానని, నేను పరిశుభ్రంగా ఉండటంతో పాటు, పరిసరాల పరిశుభ్రతకోసం కోంత సమయం కేటాయిస్తానని, ప్లాస్టిక్ కవర్లు, బాటిల్స్ వంటి వస్తువులు వాడనని, వాడిన ప్లాస్టిక్ ని సక్రమంగా రీసైక్లింగ్ చేయుటకు సహకరిస్తానని, నాతోటి వారికి కూడ అవగాహన కల్పిస్తానని, నా గ్రామంలో, నా పాఠశాలలో, నా సంస్థలో నేను పరిశుభ్రతను పాటిస్తూ, నాతోటి వారుకూడ ప్లాస్టిక్ వాడకుండా అవగాహన కల్పిస్తానని, ప్లాస్టిక్ యతర వస్తువులు వాడేటట్లు, ప్లాస్టిక్ సమర్థవంతనిర్వహణ పద్ధతులు పాటించేలా నావంతు కర్తవ్యం నిర్వహిస్తానని, ప్లాస్టిక్ రహిత భారతదేశాన్ని నిర్మిస్తానని అని ప్రతిజ్ఞ చేయుచున్నాను.

Pamphlets published by company to create awareness on Swatchta hi Seva among employees .

Swatchta awareness and house keeping by mine employees



Swachhata Hi Seva Campaign 14.09.2024 to 02.10.2024



Photos of mining employees during cleaning of mine premises under swachhata Campaign



30 Mar 2024 3:30:44 pm



27 Apr 2024 3:52:53 pm
Unnamed Road
Suryapet
Telangana



30 Mar 2024 3:43:08 pm
Suryapet
Telangana





To Ensure Clean and Neat Environment in the Colony under Swachhata. Management has distributed to entire colony and provided dust collection facility from the houses of individuals in the colony.

పరిసరాల పరిశుభ్రం
ప్రతి ఒక్కరి కర్తవ్యం

ఇంటింటా మరుగుదాడ్డి
ఊరంతా ఆరాగ్యం

स्वच्छ भारत अभियान
SAGAR CEMENTS LIMESTONE MINE
SAGAR CEMENTS LTD., MATTAMPALLY

సెల్ఫోన్ కేంపీ తాందర
మరుగుదాడ్డి కట్టు ముందర

తిండికెండుకు తాందర
సబ్బుతా చేయి కడుగు ముందర

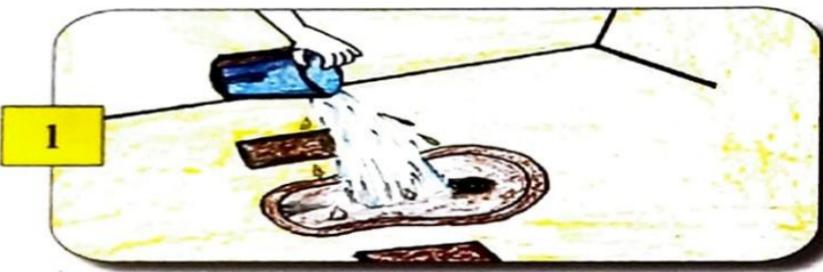
स्वच्छ भारत अभियान
SAGAR CEMENTS LIMESTONE MINE
SAGAR CEMENTS LTD., MATTAMPALLY

Wash Your Hands After...

- 1 Playing with pets
- 2 Using the bathroom
- 3 Sneezing, blowing your nose & coughing
- 4 Touching a cut or open sore
- 5 Playing outside
- 6 AND Before... Eating

स्वच्छ भारत अभियान
SAGAR CEMENTS LIMESTONE MINE
SAGAR CEMENTS LTD., MATTAMPALLY

మీ మరుగు దొడ్డిని ఎలా ఉపయోగించాలి



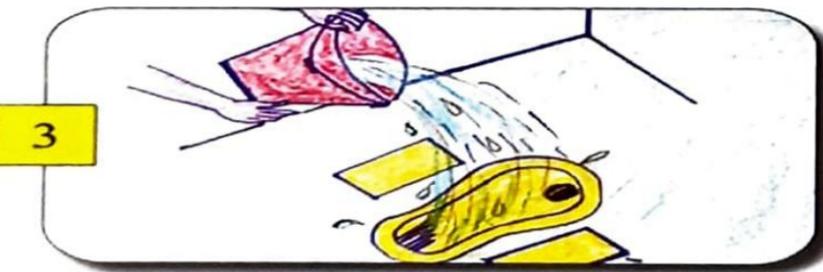
1

మల విసర్జనకు ముందు ఒక లీటరు నీటితో "షాన్" ను కడి చేయాలి



2

"షాన్" కు అనుగుణంగా కూర్చోవాలి



3

మల విసర్జన కరువాక మరుగు దొడ్డిని నీటితో కడగాలి. మలము నీటి నీలును దాతినదా అని గమనించాలి.



4

మీ చేతులను నబ్బు, బూడిద లేదా మట్టితో కడగాలి.



5

మీ మరుగు దొడ్డిని శుభ్రంగా ఉంచుకోవాలి.



6

మరుగు దొడ్డిని ఉపయోగించిన కరువాక కలుపు మూసి వేయాలి.

स्वच्छ भारत अभियान
SAGAR CEMENTS LIMESTONE MINE
SAGAR CEMENTS LTD., MATTAMPALLY

Year Wise ME & MC Awards

MINES ENVIRONMENT & MINERAL CONSERVATION WEEK



Mines Environment & Mineral Conservation week 2016-17, Overall 1st Prize



5 Star Rating to SCL Mine-1 for the year 2021-22 -by Central Mines Minister





THANK YOU

