

Deccan Cements Limited, Bhavanipuram Lime stone Mine -2, Mahankaligudam
Palakeedu, Suryapet(Dist). Telangana-508218
MoEF No: J-11015/497/2007-IA II (M) dated 18.10.2007

DECCAN CEMENTS LIMITED



WORKS : BHAVANIPURAM,
JANPAHAD (Post.), PIN : 508 218
PALAKAVEEDU (Mandal),
SURYAPET Dist. (T.S)
Phones : 08683 - 229503, 229504
08683 - 229505, 229507
Fax : 08683 - 229502
E-mail: dcifactory@yahoo.com
CIN : L26942TG1979PLC002500
Website: www.deccancements.com

DCL /MOEFRO/EC/2023/PQC/ENV/EII

26.11.2023

To
Dy. Director General Forest (Central),
IRO-Hyderabad
Ministry of Environment, Forest & Climate Change
1st & 2nd Floor, HEPC Building, No-34,
Catherdral Road, Nungambakkam,
Chennai-600034
Tel No 044-28222325, roefccc@gmail.com

Sub: Submission Status of Compliance for the period "April'2023 to September'2023"

Ref: MoEF No. J-11015/497/2007-IA II (M) Dated 18.10.2017.

Dear Sir,

We are here with enclosing the Status of compliance to Environmental Clearance accorded by ministry of Environment and Forest Climate Change, vide MoEF No.J-11015/497/2007-IA II(M) dated 18.10.2007 to Deccan Cements Limited, for Bhavanipuram Limestone Mine-2 (73.93Ha) as per the "B General conditions vide No (v)" along with enclosures. Same has been uploaded in the Deccan Cements web site. Soft copy mailed to ZO.

We will be pleased furnished any other information as desired by you.

Thanking you,

Your's faithfully
For M/s Deccan Cements Limited

Authorized Signatory

cc to : 1. ZO, CPCB
2. HO, TSPCB



REGD. OFFICE : 6-3-666/B, "Deccan Chambers", Somajiguda, Hyderabad - 500 082.
Phone : +91 (40) 23310168, 23310552, 23310561, 23310599 Fax : +91 40 23318366

Status of Environmental Clearances received from MOEF vide MoEF No.J-11015/497/2007-IA II(M) dated 18.10.2007-Bhavanipuram Limestone Mine - 2 (73.93 Ha), as on Sept-2023

1. Compliance reports are enclosed herewith for all the conditions stipulated by MOEF.
2. **Next report will be sent in the month June-2024.**

A. Specific Conditions

Conditions	Compliance Status
(i) Forest clearance for diversion of forest land under the Forests (Conservation) Act, 1980, shall be obtained	Complied Necessary clearances from Forest department have been obtained.
(ii) Action plan for abatement and compensation for damages to agricultural land/ common property land (if any) due to mining activity shall be submitted to the Ministry within six months.	Not applicable as the total mining area is under reserve forest and covered by the conditions of the Forests (Conservation) Act 1980.
(iii) Water quality both for surface as well as ground water in the core zone shall be regularly monitored and records maintained. In case contamination is observed, measures for control and action taken shall be reported to the state government as well as the Ministry.	Water quality is monitored by external agency on quarterly basis and the data is available. If any contamination is found, it will be reported to the State Government and the Ministry without fail.
(iv) Water bodies shall be developed and utilized to develop pisciculture by organizing Fishermen co-operative society with the land losers(if any) and specially the poorer section as members of such society with initial financial assistance in the form of share money and managerial assistance so that the members themselves can run the affairs of the society in due course. The project proponent shall arrange marketing tie up so that the society gets fair price of their product and the profits are equitably shared by the members of the society as regular source of income.	Not applicable as the mining operations are still in progress.
(v) Action taken report on issues raised during public hearing shall be submitted to the Ministry and the State Govt., within six months	Complied Issues covered under public hearing and the remedies addressed have been implemented.
(vi) Occupational health and safety measures for the workers including training on malaria eradication, HIV, health effects on exposure to mineral dust etc., shall be carried out. The company shall engage a full time qualified doctor who is trained in occupational health surveillance. Records of the health of the workers shall be maintained.	Under a qualified Doctor's supervision full time occupational health centre is in operation. The doctor who is trained in occupational health surveillance carries out the training program and safety workshops to the employees to prevent and eradicate the diseases like HIV, Malaria and health effects on exposure to mineral dust etc... Periodical medical checkup of the all workers

Deccan Cements Limited, Bhavanipuram Lime stone Mine -2, Mahankaligudam
Palakeedu, Suryapet(Dist). Telangana-508218
MoEF No: J-11015/497/2007-IA II (M) dated 18.10.2007

	are conducted and health records are maintained.
(vii) Top soil/solid waste (if any) shall be stacked properly with proper slope with adequate safeguards and shall be backfilled for reclamation and rehabilitation of mined out area.	No top soil is available in the mining area, limestone is out cropped. Soil available in small pockets is preserved for plantation purpose. No waste is generated or stored in mines.
(viii) Over burden (if any) shall be stacked at earmarked dump site(s) only and shall not be kept active for long period. The maximum height of the dump shall not exceed 30 m, each stage shall preferable be of 10 m and overall slope of the dump shall not exceed 28°. The OB dump shall be backfilled. The OB dumps shall be scientifically vegetated with suitable native species to prevent erosion and surface run off. Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Ministry of Environment & Forests on six monthly basis.	Not Applicable “There is no overburden in the mines, Mineral is out cropped”.
(ix) Garland drains shall be constructed to arrest silt and sediment flows from soil, and mineral dumps. The water so collected shall be utilized for watering the mine area roads, green belt development etc. The drains shall be regularly de-silted particularly after monsoon and maintained properly. Garland drain of appropriate size, gradient and length shall be constructed for both mine pit and for waste dump and sump capacity shall be designed keeping 50% safety margin over and above peak sudden rain fall (based on 50 years data) and maximum discharge in the adjoining the mine site. Sump capacity shall also provide adequate retention period to allow proper settling of slit material. Sedimentation pits shall be constructed at the corners of the garland drains and de-silted at regular intervals.	Complied Garland drain of appropriate size, gradient and length is constructed for mine pit. It is regularly desilted particularly after monsoon and maintained properly. The water is being harvested in the mine pit and used for watering the mine roads and green belt development.
(x) Slope of the mining bench and ultimate pit limit shall be as per the mining scheme approved by Indian Bureau of Mines.	As per IBM approved mining plan, mining activities are carried out and validity of mining plan is up to 2025.
(xi) Drilling and blasting (if any) shall be conducted by using dust extractors/wet drilling.	Wet drilling is being carried out and blasting is carried out by using in hole delay initiation system (Excel/Nonel). A copy of the Wet Drilling is enclosed for your reference.

Deccan Cements Limited, Bhavanipuram Lime stone Mine -2, Mahankaligudam
Palakeedu, Suryapet(Dist). Telangana-508218
MoEF No: J-11015/497/2007-IA II (M) dated 18.10.2007

<p>(xii) Green belt development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/Agriculture department. Herbs and shrubs shall also form a part of afforestation programme besides tree plantation. Plantation shall be raised in 23.0 ha around the ML area, haul roads, OB dump sites etc., the density of the trees shall be around 2500 plants per ha. The company shall involve local people with the help of self help group for plantation programme.</p>	<p><u>Development of Green belt is carried out as per the IBM approved mining plan and also in consultation with State Pollution Control Board & Forest department.</u></p> <p>About 106 saplings are planted in area of 0.0424 Ha between 01.04.2023 to 30.09.2023. Cumulative total of around 19,976 saplings are planted in an area of 7.9416 Ha from the beginning. The balance area shall be fulfilled in a phased manner during the next 10 years.</p>
<p>(xiii) The project authority shall implement suitable conservation measures to augment ground water resources in the area in consultation with the Regional Director, Central Ground Water Board.</p>	<p>We have interacted with officials of the Regional Director's Office, Central Ground Water Board and following their advice.</p>
<p>(xiv) Regular monitoring of ground water level and quality shall be carried out by establishing a network of existing wells and construction OF new piezo meters during the mining operation. The monitoring shall be carried out four times in a year – pre monsoon(April-May), monsoon (August), post –monsoon (November) and winter (January) and the data thus collected shall be regularly sent to MOEF, Central Ground Water Authority and Regional Director, Central Ground Water Board.</p>	<p>Ground water is not encountered in the mine pit. However water quality as well as levels is monitored regularly and furnishing the data in the 6 monthly EC compliance to MoEF.</p>
<p>(xv) Prior permission from the competent authority shall be obtained for extraction of ground water, if any.</p>	<p>Not applicable as presently we are using rain water (Mine Pit water) which is stored in mine pit and we will consult concerned authority whenever ground water is necessary.</p>
<p>(xvi) Vehicles used for transportation of ores and other mining operations shall have valid permissions as prescribed under Central Motor Vehicle Rules, 1989 and its amendments. Measures shall be taken for maintenance of vehicles used in mining operations and in transportation of ores. Transporting of ores shall be done covered with tarpaulin or other suitable enclosures so that no dust particles/fine matters escape during the course of transportation. No overloading of ores for transportation shall be undertaken.</p>	<p>All vehicles deployed in mining operation are having valid permit as per Central Motor Vehicle Rules, 1989 and its amendments. All these vehicles are plying under proper supervision.</p>
<p>(xvii) A final mine closure plan, along with details of Corpus fund, shall be submitted to the Ministry of Environment & Forests, 5years in advance of</p>	<p>Noted and will be implemented at appropriate time.</p>

final mine closure for approval.

B.GENERAL CONDITIONS:

Conditions	Compliance Status
(i) No change of mining technology and scope of working shall be made without prior approval of the Ministry of Environment & Forests.	No change in mining technology and scope of working will be made without prior permission.
(ii) No change in the calendar plan including excavation, quantum of mineral, limestone and waste shall be made	No change in the calendar plan for excavation of limestone and waste` will be made without prior permission.
(iii) Conservation measures for protection of flora and fauna in the core & buffer zone shall be drawn up in consultation with the local forest and wildlife department.	Protection of flora and fauna is done as per advice of forest department. See Annexure
(iv) Four ambient air quality-monitoring stations shall be established in the core zone as well as in the buffer zone for RSPM, SPM, SO ₂ , NO _x monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.	Ambient air quality monitoring stations are established in the core zone and buffer zone as per the recommendation of the PCB. We have engaged M/s. Lawn Enviro Associates, Hyderabad for monitoring ambient air quality on regular basis. Monitoring reports are submitted once in three months to PCB, Nalgonda. Monitoring reports are enclosed for your reference Annexure-I
(v) Data on ambient air quality (RSPM, SPM, SO ₂ , NO _x) should be regularly submitted to the Ministry including its Regional Office located at Bangalore and the State Pollution Control Board/Central Pollution Control Board once in six months.	These reports are being submitted regularly to Regional Office, Chennai and to the state & central pollution control boards.
(vi) Fugitive dust emissions from all the sources shall be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points shall be provided and properly maintained.	Dedicated water Tanker is provided to pray water on haul roads to control fugitive emissions and also water spray is provide at unloading point at Crusher hopper and various transfer points of Crusher. Dust collectors have been provided at transfer points to control the emissions.
(vii) Measures shall be taken for control of noise levels below 85 dBA in the working environment. Workers engaged in operations of HEMM, etc. Shall be provided with ear plugs/muffs.	Noise level is under control and the workmen are provided with ear plugs/muffs. All of them are equipped with PPE gear. Monitoring reports are enclosed for your reference.
(viii) Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to	No industrial waste water is encountered in the mining area. The waste oil and

Deccan Cements Limited, Bhavanipuram Lime stone Mine -2, Mahankaligudam
Palakeedu, Suryapet(Dist). Telangana-508218
MoEF No: J-11015/497/2007-IA II (M) dated 18.10.2007

conform to the standards prescribed under GSR 422(E) dated 19 th May, 1993 and 31 st December, 1993 or as amended from time to time. Oil and grease trap shall be installed before discharge of workshop effluents.	grease trap is installed in the work shop.
(ix) Personnel working in dusty areas shall be provided with protective respiratory devices and they shall also be imparted adequate training and information on safety and health aspects.	Personal Protective Equipment Gear is provided to all workmen. They are adequately trained under mines vocational and training rules, 1966
(x) A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.	A separate cell is constituted to manage the environmental activities, which is enclosed herewith. A copy of the Environment Management Cell is enclosed in Annexure-A for your reference
(xi) The project authorities shall inform to the Regional Office of the Ministry located at Bangalore regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.	Complied.
(xii) The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purposes. Year wise expenditure shall be reported to Ministry and its Regional Office at Bangalore.	Separate fund is earmarked for environmental protection activities. Expenditure incurred will be intimated at the closure of financial year.
(xiii) The project authorities shall inform to the Regional Office of the Ministry located at Bangalore regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.	Noted and will be followed
(xiv) The Regional Office of the Ministry, Bangalore shall monitor compliances of the stipulated conditions. The project authorities shall extend full cooperation to the officer(s) of the Regional Office by furnishing the requisite data/information/monitoring reports.	Noted. All necessary data will be furnished during the visit of the officer of Regional Office, MoEF.
(xv) A copy of clearance letter will be marked to concerned Panchayat /local NGO, if any, from whom suggestion/representation has been received while processing the proposal	Complied.
(xvi) State Pollution Control Board shall display a copy of the clearance letter at the Regional Office. District Industry Centre and Collector's office/ Tehsildar's office for 30 days.	Complied.
(xvii) The project authorities shall advertise in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter	Complied

Deccan Cements Limited, Bhavanipuram Lime stone Mine -2, Mahankaligudam
Palakeedu, Suryapet(Dist). Telangana-508218
MoEF No: J-11015/497/2007-IA II (M) dated 18.10.2007

informing that the project has been accorded environmental clearance and copy of the clearance letter is available with the State Pollution Control Board and also at web site of the Ministry of Environment and Forests at http://envfor.nic.in and a copy of same shall be forwarded to the Regional Office of the Ministry located Bangalore.	
(xviii) The Ministry or any other competent authority may alter/modify the above conditions or stipulate any other condition in the interest of environment protection.	Accepted.
(xix) Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment(Protection) Act,1986	Accepted.
(xx) The above conditions will be enforced inter-alia ,under the provisions of the Water (Prevention & Control of pollution) Act,1974,the Air(Prevention & Control Of Pollution) Act,1981, the environment (Protection) Act,1986 and the Public Liability Insurance Act,1991 along with their amendments and rules	Accepted.

For M/s Deccan Cements Limited


Authorized Signatory

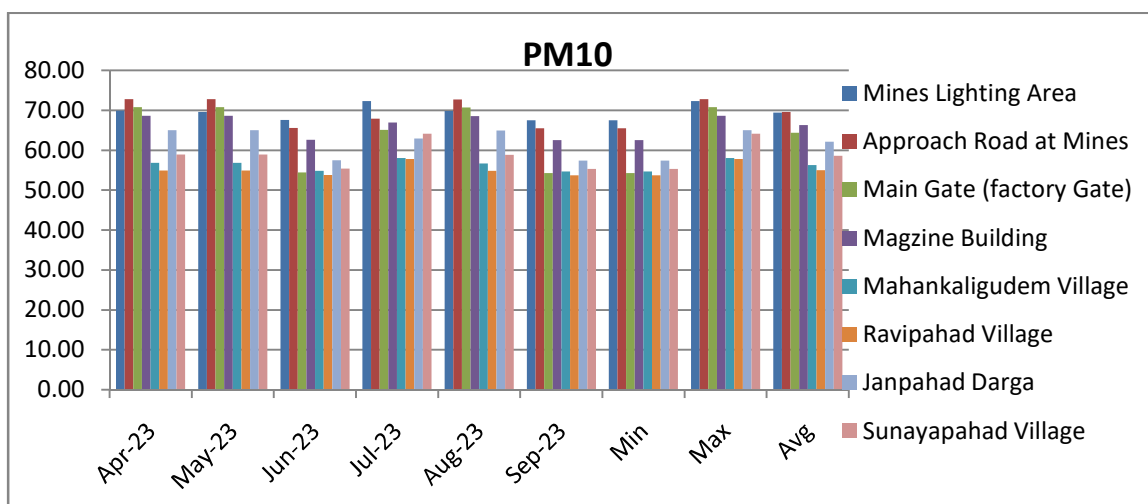
CC TO: HO.TSPCB

ANNEXURE -A
Environment Management Cell.

S. No.	Name	Designation	Role EMC
01	N.Srinivasa Raju	VP (Works)	Chairman
02	D.Kalyanachakravarthy	GM (Mines)	Coordinator
03	KVL Narasimharao	DGM (P&Qc)	Organizer
04	V.Gopalakrishna	Chief Manager (CPP)	Member
05	M.Satish	Sr.Manager (PQC)	Member
06	A Rambabu	Asst.Manager	Member

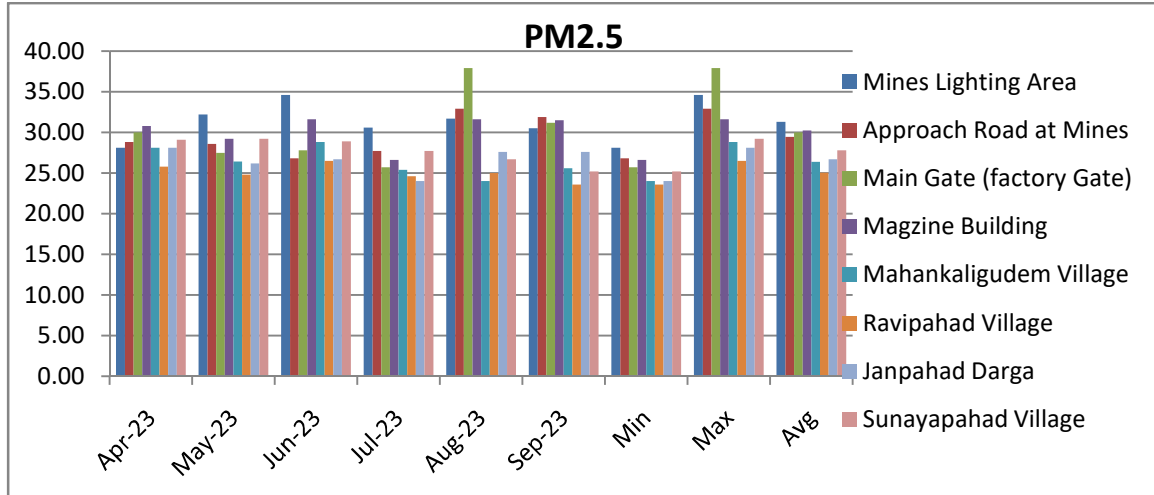
ANNEXURE – I (AMBIENT AIR QUALITY DATA)

PM10 ($\mu\text{g}/\text{M}^3$) from April'2023 to Sept'2023										
S No	Location	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Min	Max	Avg
1	Mines Lighting Area	69.90	69.60	67.60	72.30	69.80	67.50	67.50	72.30	69.45
2	Approach Road at Mines	72.80	72.80	65.60	67.90	72.70	65.50	65.50	72.80	69.55
3	Main Gate (factory Gate)	70.80	70.80	54.40	65.10	70.70	54.30	54.30	70.80	64.35
4	Magzine Building	68.60	68.60	62.60	66.90	68.50	62.50	62.50	68.60	66.28
5	Mahankaligudem Village	56.80	56.80	54.80	58.00	56.70	54.70	54.70	58.00	56.30
6	Ravipahad Village	54.90	54.90	53.80	57.80	54.80	53.70	53.70	57.80	54.98
7	Janpahad Darga	65.00	65.00	57.50	62.90	64.90	57.40	57.40	65.00	62.12
8	Sunayapahad Village	58.90	58.90	55.40	64.10	58.80	55.30	55.30	64.10	58.57



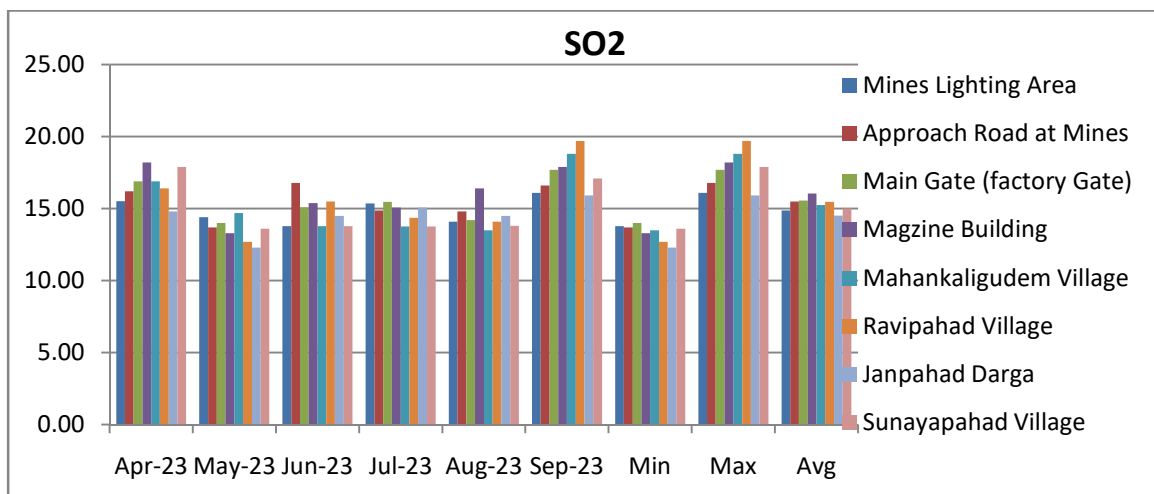
PM 2.5 ($\mu\text{g}/\text{M}^3$) from April'2023 to Sept'2023										
S No	Location	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Min	Max	Avg
1	Mines Lighting Area	28.10	32.20	34.60	30.60	31.70	30.50	28.10	34.60	31.28
2	Approach Road at Mines	28.80	28.60	26.80	27.70	32.90	31.90	26.80	32.90	29.45
3	Main Gate (factory Gate)	30.00	27.50	27.80	25.70	37.90	31.20	25.70	37.90	30.02
4	Magzine Building	30.80	29.20	31.60	26.60	31.60	31.50	26.60	31.60	30.22
5	Mahankaligudem Village	28.10	26.40	28.80	25.40	24.00	25.60	24.00	28.80	26.38
6	Ravipahad Village	25.80	24.80	26.50	24.60	25.00	23.60	23.60	26.50	25.05
7	Janpahad Darga	28.10	26.20	26.70	24.00	27.60	27.60	24.00	28.10	26.70
8	Sunayapahad Village	29.10	29.20	28.90	27.70	26.70	25.20	25.20	29.20	27.80

Deccan Cements Limited, Bhavanipuram Lime stone Mine -2, Mahankaligudam
 Palakeedu, Suryapet(Dist). Telangana-508218
 MoEF No: J-11015/497/2007-IA II (M) dated 18.10.2007



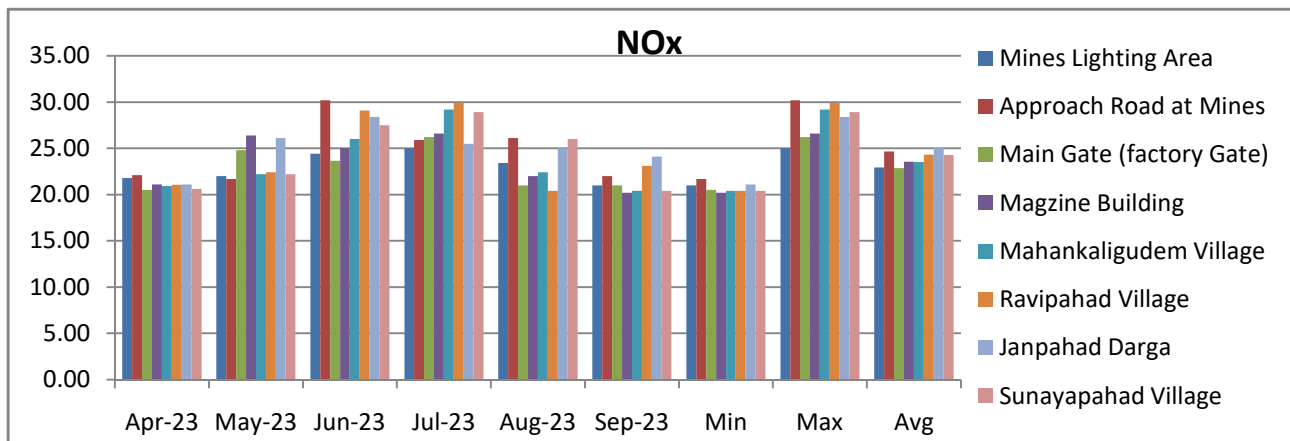
SO2 ($\mu\text{g}/\text{M}^3$) from April'2023 to Sept'2023

S No	Location	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Min	Max	Avg
1	Mines Lighting Area	15.50	14.40	13.78	15.36	14.10	16.10	13.78	16.10	14.87
2	Approach Road at Mines	16.20	13.70	16.78	14.86	14.80	16.60	13.70	16.78	15.49
3	Main Gate (factory Gate)	16.90	14.00	15.08	15.46	14.20	17.70	14.00	17.70	15.56
4	Magzine Building	18.20	13.30	15.38	15.06	16.40	17.90	13.30	18.20	16.04
5	Mahankaligudem Village	16.90	14.70	13.78	13.76	13.50	18.80	13.50	18.80	15.24
6	Ravipahad Village	16.40	12.70	15.48	14.36	14.10	19.70	12.70	19.70	15.46
7	Janpahad Darga	14.80	12.30	14.48	15.06	14.50	15.90	12.30	15.90	14.51
8	Sunayapahad Village	17.90	13.60	13.78	13.76	13.80	17.10	13.60	17.90	14.99



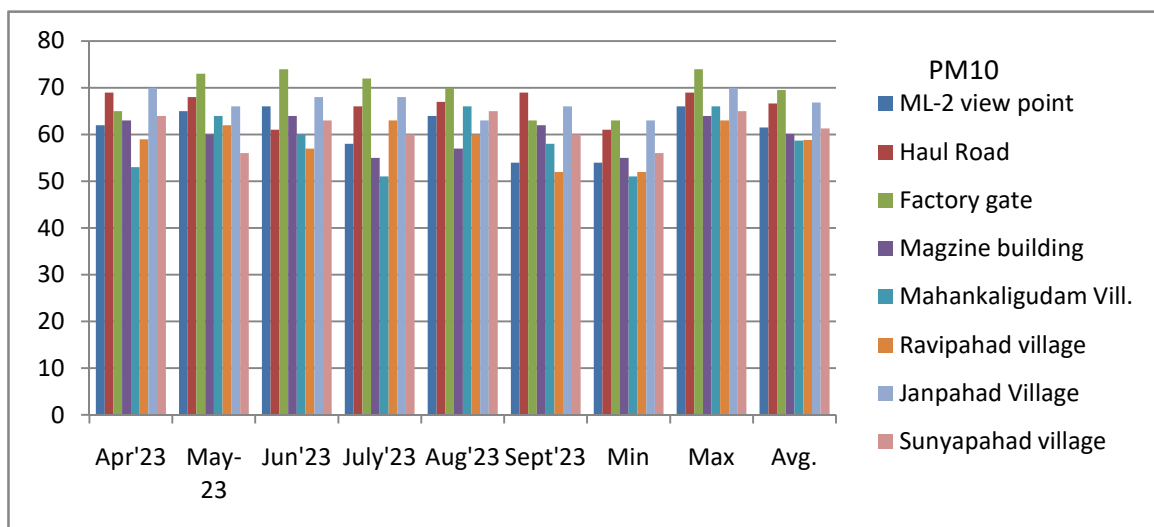
Deccan Cements Limited, Bhavanipuram Lime stone Mine -2, Mahankaligudam
Palakeedu, Suryapet(Dist). Telangana-508218
MoEF No: J-11015/497/2007-IA II (M) dated 18.10.2007

NOx ($\mu\text{g}/\text{M}^3$) from April'2023 to Sept'2023										
S No	Location	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Min	Max	Avg
1	Mines Lighting Area	21.80	22.00	24.40	25.00	23.40	21.00	21.00	25.00	22.93
2	Approach Road at Mines	22.10	21.70	30.20	25.90	26.10	22.00	21.70	30.20	24.67
3	Main Gate (factory Gate)	20.50	24.80	23.64	26.20	21.00	21.00	20.50	26.20	22.86
4	Magzine Building	21.08	26.40	25.00	26.60	22.00	20.20	20.20	26.60	23.55
5	Mahankaligudem Village	20.92	22.20	26.00	29.20	22.40	20.40	20.40	29.20	23.52
6	Ravipahad Village	21.05	22.40	29.10	29.90	20.40	23.10	20.40	29.90	24.33
7	Janpahad Darga	21.08	26.10	28.40	25.50	25.00	24.10	21.08	28.40	25.03
8	Sunayapahad Village	20.60	22.20	27.50	28.90	26.00	20.40	20.40	28.90	24.27



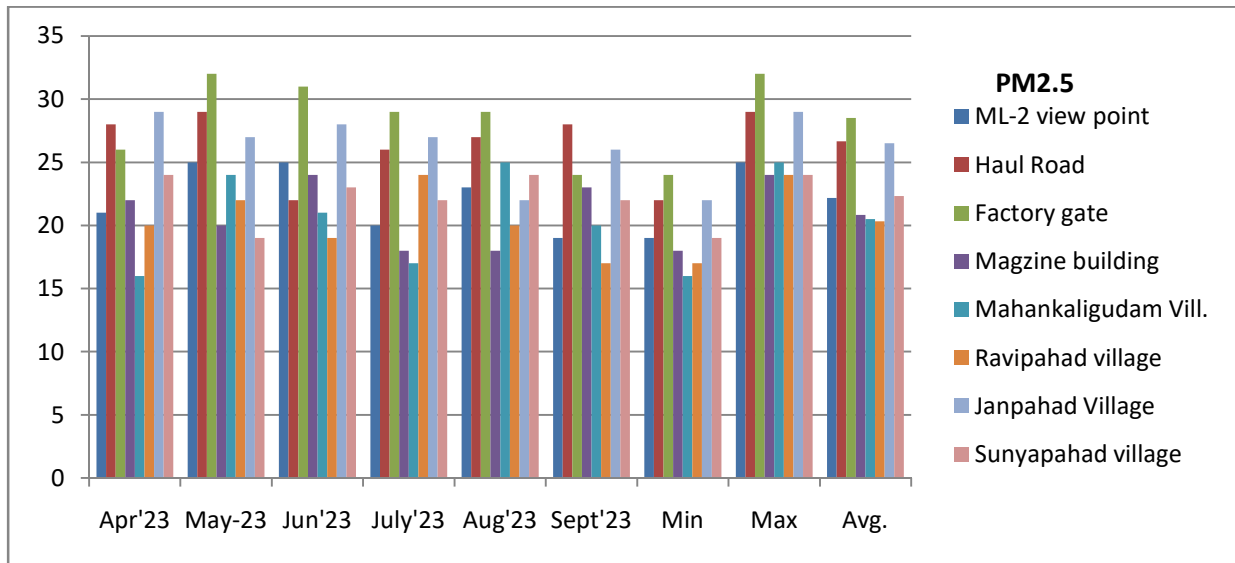
**(Third Party Monitoring Reports)
 Ambient Air Quality Data**

PM 10										
S No	Location	Apr'23	May-23	Jun'23	July'23	Aug'23	Sept'23	Min	Max	Avg.
1	ML-2 view point	62	65	66	58	64	54	54	66	62
2	Haul Road	69	68	61	66	67	69	61	69	67
3	Factory gate	65	73	74	72	70	63	63	74	70
4	Magzine building	63	60	64	55	57	62	55	64	60
5	Mahankaligudam Vill.	53	64	60	51	66	58	51	66	59
6	Ravipahad village	59	62	57	63	60	52	52	63	59
7	Janpahad Village	70	66	68	68	63	66	63	70	67
8	Sunyapahad village	64	56	63	60	65	60	56	65	61



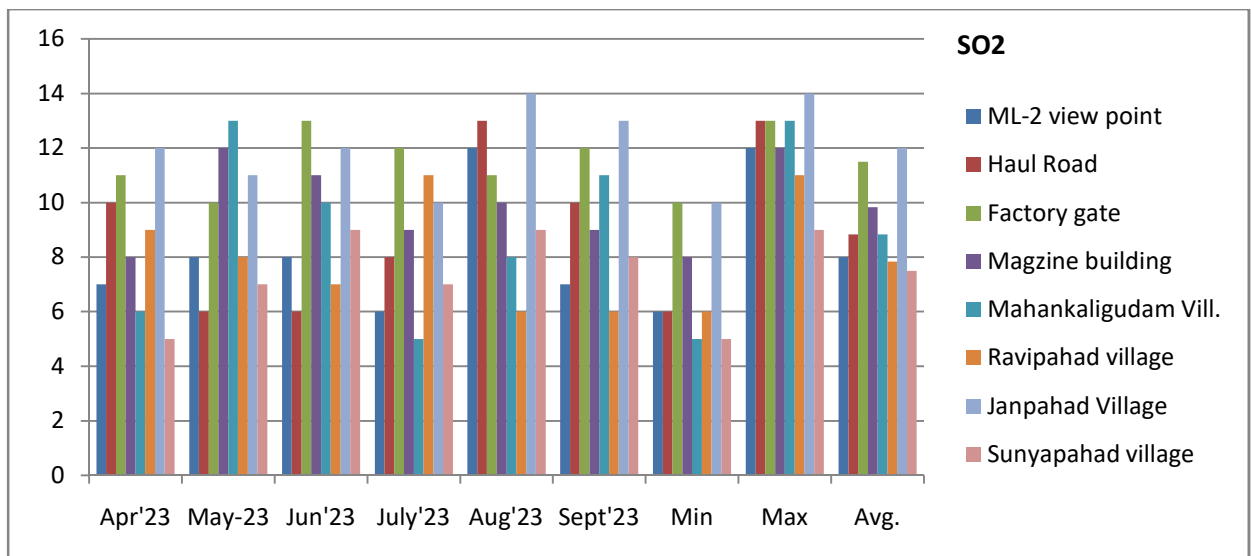
Deccan Cements Limited, Bhavanipuram Lime stone Mine -2, Mahankaligudam
Palakeedu, Suryapet(Dist). Telangana-508218
MoEF No: J-11015/497/2007-IA II (M) dated 18.10.2007

PM2.5										
S No	Location	Apr'23	May-23	Jun'23	July'23	Aug'23	Sept'23	Min	Max	Avg.
1	ML-2 view point	21	25	25	20	23	19	19	25	22.2
2	Haul Road	28	29	22	26	27	28	22	29	26.7
3	Factory gate	26	32	31	29	29	24	24	32	28.5
4	Magzine building	22	20	24	18	18	23	18	24	20.8
5	Mahankaligudam Vill.	16	24	21	17	25	20	16	25	20.5
6	Ravipahad village	20	22	19	24	20	17	17	24	20.3
7	Janpahad Village	29	27	28	27	22	26	22	29	26.5
8	Sunyapahad village	24	19	23	22	24	22	19	24	22.3



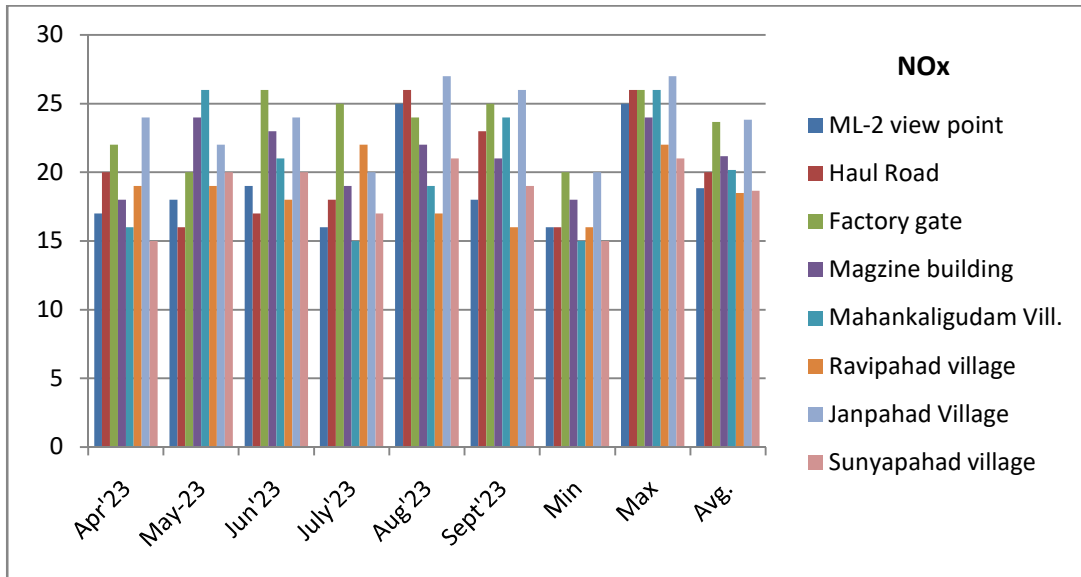
Deccan Cements Limited, Bhavanipuram Lime stone Mine -2, Mahankaligudam
 Palakeedu, Suryapet(Dist). Telangana-508218
 MoEF No: J-11015/497/2007-IA II (M) dated 18.10.2007

SO2										
S No	Location	Apr'23	May-23	Jun'23	July'23	Aug'23	Sept'23	Min	Max	Avg.
1	ML-2 view point	7	8	8	6	12	7	6	12	8.0
2	Haul Road	10	6	6	8	13	10	6	13	8.8
3	Factory gate	11	10	13	12	11	12	10	13	11.5
4	Magzine building	8	12	11	9	10	9	8	12	9.8
5	Mahankaligudam Vill.	6	13	10	5	8	11	5	13	8.8
6	Ravipahad village	9	8	7	11	6	6	6	11	7.8
7	Janpahad Village	12	11	12	10	14	13	10	14	12.0
8	Sunyapahad village	5	7	9	7	9	8	5	9	7.5



Deccan Cements Limited, Bhavanipuram Lime stone Mine -2, Mahankaligudam
Palakeedu, Suryapet(Dist). Telangana-508218
MoEF No: J-11015/497/2007-IA II (M) dated 18.10.2007

Nox										
S No	Location	Apr'23	May-23	Jun'23	July'23	Aug'23	Sept'23	Min	Max	Avg.
1	ML-2 view point	17	18	19	16	25	18	16	25	18.8
2	Haul Road	20	16	17	18	26	23	16	26	20.0
3	Factory gate	22	20	26	25	24	25	20	26	23.7
4	Magzine building	18	24	23	19	22	21	18	24	21.2
5	Mahankaligudam Vill.	16	26	21	15	19	24	15	26	20.2
6	Ravipahad village	19	19	18	22	17	16	16	22	18.5
7	Janpahad Village	24	22	24	20	27	26	20	27	23.8
8	Sunyapahad village	15	20	20	17	21	19	15	21	18.7



Deccan Cements Limited, Bhavanipuram Lime stone Mine -2, Mahankaligudam
Palakeedu, Suryapet(Dist). Telangana-508218
MoEF No: J-11015/497/2007-IA II (M) dated 18.10.2007



ISO 9001, 14001 & 45001
CERTIFIED COMPANY

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/DECCAN-M/2023

Date: 28-7-2023

AMBIENT AIR QUALITY DATA
MONTH: July - 2023

Name of the Industry & : **M/s. DECCAN CEMENTS LTD.,**
Address **BHAVANIPURAM LIMESTONE MINE-2,**
Mahankaligudem (V), Palakeedu (M),
Suryapet (Dist).

Sl.No	Date of Sample	Time duration	Location	Avg. Flow rate (m ³ /min)	PM ₁₀	PM _{2.5}	SO ₂ (µg/m ³)	NO _x (µg/m ³)	CO (µg/m ³)	
1.	21-7-2023	24hrs	1. ML-2 View point	1.14	58	20	06	16	< 1	
			CORE ZONE	2. Haul road	1.06	66	26	08	18	< 1
			3. Factory gate	1.10	72	29	12	25	< 1	
			4. Magazine building	1.08	55	18	09	19	< 1	
2.	22-7-2023	24hrs	1. Mahankaligudem Village	1.02	51	17	05	15	< 1	
			BUFFER ZONE	2. Ravipahad Village	1.12	63	24	11	22	< 1
			3. Janpahad Durga	1.05	68	27	10	20	< 1	
			4. Sunya Pahad Village	1.10	60	22	07	17	< 1	
LIMIT				---	<100	<60	<80	<80	<2000	
PROTOCOL / METHOD					IS:5182 (Part-23); 2017/ Gravimetric Method	IS:5182 (Part-24); 2019/ Gravimetric Method	IS:5182 (Part-2); 2018/ New West & Gaeke Method	IS:5182 (Part-6); 2017/Jacob & Hochheiser Method	IS:5182 (Part-10); 2019/ Method	

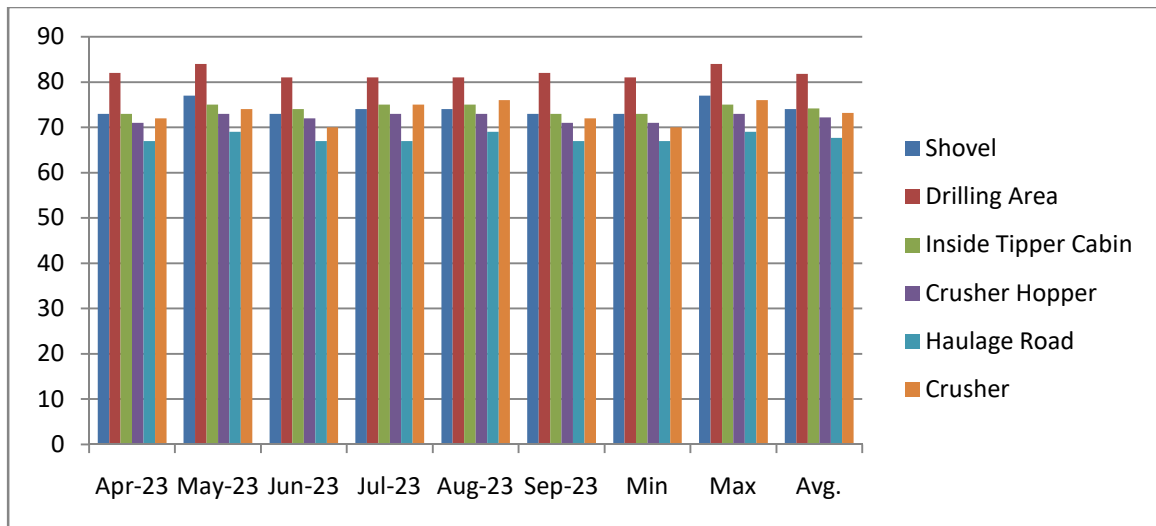

AUTHORISED SIGNATORY

1. RESPIRABLE DUST SAMPLER / APM 460 BL (SL.NO. 2461-DTA-2019), CALIBRATED ON 31-12-2022, DUE ON 30-12-2023
2. RESPIRABLE DUST SAMPLER / APM 460 BL (SL.NO. 2161-DTH-2011), CALIBRATED ON 31-12-2022, DUE ON 30-12-2023
3. RESPIRABLE DUST SAMPLER / APM 460 BL (SL.NO. 2464-DTA-2019), CALIBRATED ON 31-12-2022, DUE ON 30-12-2023
4. RESPIRABLE DUST SAMPLER / APM 460 BL (SL.NO. 2465-DTA-2019), CALIBRATED ON 31-12-2022, DUE ON 30-12-2023
1. FINE PARTICULATE SAMPLER / AAS 127 MINI; (SL.NO. 16-I-623), CALIBRATED ON 31-12-2022, DUE ON 30-12-2023
2. FINE PARTICULATE SAMPLER / AAS 127 MINI; (SL.NO. 17-F-731), CALIBRATED ON 31-12-2022, DUE ON 30-12-2023
3. FINE PARTICULATE SAMPLER / AAS 127 MINI; (SL.NO. 17-J-750), CALIBRATED ON 31-12-2022, DUE ON 30-12-2023
4. FINE PARTICULATE SAMPLER / AAS 127 MINI; (SL.NO. 17-J-751), CALIBRATED ON 31-12-2022, DUE ON 30-12-2023

Head Office : "LAWN HOUSE", #184-C, Vengalrao Nagar, Hyderabad - 500 038. (T.S.) INDIA. Tel : 040-66730925, 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
E-mail : lawnenviro@yahoo.co.in, Website : www.lawnenviro.com

ANNEXURE – II (Noise Level (dB) Report)

Monthly Noise Level (dB) Report from APRIL'2023 TO SEPT'2023										
S No		Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Min	Max	Avg.
1	Shovel	73	77	73	74	74	73	73	77	74
2	Drilling Area	82	84	81	81	81	82	81	84	82
3	Inside Tipper Cabin	73	75	74	75	75	73	73	75	74
4	Crusher Hopper	71	73	72	73	73	71	71	73	72
5	Haulage Road	67	69	67	67	69	67	67	69	68
6	Crusher	72	74	70	75	76	72	70	76	73



(Third Party Monitoring Reports)
Noise monitoring data

Ambient Noise-Day time			
1	Location	APR- JUNE'23	JULY-SEPT'23
2	North-East	65	63
3	South-West	61	60
4	East-West	62	64
5	North-South	66	65

S No	Ambient noise Night Time		
1	Location	APR- JUNE'23	JULY-SEPT'23
2	North-East	60	58
3	South-West	56	55
4	East-West	57	59
5	North-South	61	60

S No	Work Zone Noise		
1	Location	APR- JUNE'23	JULY-SEPT'23
2	Near 470 Excavation	76	74
3	Near Drilling	82	80
4	Inside Dumper cabin	70	72
5	Near Crusher hopper	79	77
6	Near haul road	77	75



ISO 9001, 14001 & 45001
CERTIFIED COMPANY

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/DECCAN-M/2023

Date: 23-9-2023

AMBIENT NOISE LEVELS DATA

Name of the Industry & : **M/s. DECCAN CEMENTS LTD.,**
Address **BHAVANIPURAM LIMESTONE MINE-2,**
Mahankaligudem (V), Palakeedu (M),
Suryapet (Dist).

Location	Noise Levels in dB (A)	
	Day Time	Night Time
1. North – East side of boundary	63	58
2. South – West side of boundary	60	55
3. East – West side of boundary	64	59
4. North – South side of boundary	65	60

- Note :**
- Noise levels are monitored on 16-9-2023.
 - Instrument make - Lutron SL – 4001 / G-49271, Calibrated On 22-02-2023, Due On 21-02-2024.
 - Day time is reckoned in between 6.0 a.m and 10.0 p.m.; Limit <75 dB (A).
 - Night time is reckoned in between 10.0 p.m and 6.0 a.m.; Limit <70 dB (A).


AUTHORIZED SIGNATORY



ISO 9001, 14001 & 45001
CERTIFIED COMPANY

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/DECCAN-M/2023

Date: 23-9-2023

WORK AREA NOISE LEVEL DATA

Name of the Industry & : **M/s. DECCAN CEMENTS LTD.,**
Address **BHAVANIPURAM LIMESTONE MINE-2,**
Mahankaligudem (V), Palakeedu (M),
Suryapet (Dist).

Location	:	Levels in dB (A)
		Day Time
1. Near Shovel Working	:	74
2. Near Drill Working (At 5m distance)	:	80
3. Near Inside Tipper Cabin (At 5m distance)	:	72
4. Near Crusher Hopper (At 5m distance)	:	77
5. Near Haulage Road	:	75

- Note:**
- Noise levels are monitored on 16-9-2023 at 8 hrs Exposure.
 - Instrument make - Lutron SL - 4001 / G-49271, Calibrated On 22-02-2023, Due On 21-02-2024.
 - The noise Pollution (Regulation and Control) Rules, 2000
Schedule, Rule 3(1) and 4(1), Section 7 - (IX) factories act - Limit <90 dB (A).
 - There are no Night operations i.e. beyond 10 p.m


AUTHORISED SIGNATORY

Head Office : "LAWN HOUSE", #184-C, Vengalrao Nagar, Hyderabad - 500 038. (T.S.) INDIA. Tel : 040-66730925, 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

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

Deccan Cements Limited, Bhavanipuram Lime stone Mine -2, Mahankaligudam
Palakeedu, Suryapet(Dist). Telangana-508218
MoEF No: J-11015/497/2007-IA II (M) dated 18.10.2007

1. PRE MONSOON

S.No.	Core Zone	Location	Well RL (mtrs)	Water Level RL (mtrs)
1	GWM Well 1	North	60.45	58.20
2	GWM Well 2	East	56.10	53.30
3	GWM Well 3	South	64.20	53.60
4	GWM Well 4	West	57.02	52.42

2 MONSOON

S.No.	Core Zone	Location	Well RL (mtrs)	Water Level RL (mtrs)
1	GWM Well 1	North	60.45	54.61
2	GWM Well 2	East	56.10	53.20
3	GWM Well 3	South	64.20	53.85
4	GWM Well 4	West	57.02	52.85

Mine Pit Water Consumption Details from April '2023 to Sept'2023.

Month Year	Dust Suppression(KL)	Domestic Water(KL)	Total Consumption(KL)	Water Consumption(KL/Day)
Apr-23	91	16	107	0.58
May'2023	93	18	111	0.61
June'2023	90	15	105	0.57
July'2023	94	18	112	0.61
August'2023	95	15	110	0.60
Sept'2023	88	12	100	0.55

Deccan Cements Limited, Bhavanipuram Lime stone Mine -2, Mahankaligudam
Palakeedu, Suryapet(Dist). Telangana-508218
MoEF No: J-11015/497/2007-IA II (M) dated 18.10.2007



Wetting of Blasted muck pile before loading to reduce dust generation



Water Sprinkling with Tanker for Dust Suppression.

Deccan Cements Limited, Bhavanipuram Lime stone Mine -2, Mahankaligudam
Palakeedu, Suryapet(Dist). Telangana-508218
MoEF No: J-11015/497/2007-IA II (M) dated 18.10.2007

Medical Camp for local villagers



Deccan Cements Limited, Bhavanipuram Lime stone Mine -2, Mahankaligudam
Palakeedu, Suryapet(Dist). Telangana-508218
MoEF No: J-11015/497/2007-IA II (M) dated 18.10.2007



Deccan Cements Limited, Bhavanipuram Lime stone Mine -2, Mahankaligudam
Palakeedu, Suryapet(Dist). Telangana-508218
MoEF No: J-11015/497/2007-IA II (M) dated 18.10.2007

Garland Drain



Deccan Cements Limited, Bhavanipuram Lime stone Mine -2, Mahankaligudam
Palakeedu, Suryapet(Dist). Telangana-508218
MoEF No: J-11015/497/2007-IA II (M) dated 18.10.2007

Wet drilling



Automatic Water sprinklers at mines haul road for Dust Suppression



Deccan Cements Limited, Bhavanipuram Lime stone Mine -2, Mahankaligudam
Palakeedu, Suryapet(Dist). Telangana-508218
MoEF No: J-11015/497/2007-IA II (M) dated 18.10.2007

ML-2 Plantation



Deccan Cements Limited, Bhavanipuram Lime stone Mine -2, Mahankaligudam
Palakeedu, Suryapet(Dist). Telangana-508218
MoEF No: J-11015/497/2007-IA II (M) dated 18.10.2007



Deccan Cements Limited, Bhavanipuram Lime stone Mine -2, Mahankaligudam
Palakeedu, Suryapet(Dist). Telangana-508218
MoEF No: J-11015/497/2007-IA II (M) dated 18.10.2007

Water Spray at Crusher Hopper



Deccan Cements Limited, Bhavanipuram Lime stone Mine -2, Mahankaligudam
Palakeedu, Suryapet(Dist). Telangana-508218
MoEF No: J-11015/497/2007-IA II (M) dated 18.10.2007

Grease, Oil, Water Separator Pit

