

REGISTERED POST

DCW/P&QC/ENV/11-14/

Date: 06.12.2014

The Member Secretary,
AP Pollution Control Board
Paryavaran Bhavan
A-III, I.E., Sanath Nagar
HYDERABAD- 500 018

Dear Sir,

Subject: Monthly Monitoring Report for the Cement Plant of M/s Andhra Cements Limited at village Durgapuram, Mandal- Dachepalli, Dist-Guntur, (AP)

Ref: CFO vide order no: APPCB/VJA/GTR/10023/HO/CFO/2014,Dt.23.01.2014

Dear Sir,

Please find enclosed following reports of Durga Cement Works of Cement Plant, a unit of Andhra Cements limited for the month of November 2014.

1. Monthly water consumption report of plant.
2. Kiln, RABH & ESP running hours report.
3. Ambient air quality monitoring report.
4. Stack emission report.
5. Noise level report.
6. Raw material consumption report.

This is for your kind information and records.

Thanking You

Yours faithfully,

For **Durga Cement Works**
(A unit of Andhra Cements Limited)

Anjani Kumar)
Sr.GM (P&QC)

Encl: a/a

CC: The Environmental Engineer
AP Pollution Control Board, Regional Office
102, Raghava Apartments, Brundavan Gardane,
G U N T U R – 522 007

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DCW/P&QC/ENV/11-14/

Date: 06.12.2014

The Member Secretary,
AP Pollution Control Board
Paryavaran Bhavan
A-III, I.E., Sanath Nagar
HYDERABAD- 500 018

Subject: Monthly Monitoring Report for the Lime Stone Mines of Durga Cement Works at village Gamalapadu, Mandal –Dachepalli, Dist-Guntur (AP)

Ref: CFO vide order no: APPCB/VJA/GTR/16829/HO/CFO/2014,Dt.23.01.2014

Dear Sir,

Please find enclosed following reports of Durga Cement Works (Mines Division) a unit of Andhra Cements limited for the month of November 2014.

1. Monthly water consumption report of mines
2. Ambient air quality monitoring report of mines,
3. Noise level report of mines

This is for your kind information and records.

Thanking You

Yours faithfully,
For **Durga Cement Works** (Mines Division)
(A unit of Andhra Cements Limited)

Anjani Kumar)
Sr.GM (P&QC)

Encl: a/a

CC: The Environmental Engineer
AP Pollution Control Board, Regional Office
102, Raghava Apartments, Brundavan Gardane,
G U N T U R – 5 2 2 0 0 7

REGISTERED POST

DCW/P&QC/ENV/11-14/

Date: 06.12.2014

The Member Secretary,
AP Pollution Control Board
Paryavaran Bhavan
A-III, I.E., Sanath Nagar
HYDERABAD- 500 018

Subject: Monthly Monitoring Report for the 30 MW Captive Power Plant of Durga Cement Works at village-Durgapuram, Mandal-Dachepalli, Dist-Guntur (AP).

Ref: CFE vide order no: 335/PCB/CFE/RO-GNT/HO/2013,Dt/08.08.2013

Dear Sir,

Please find enclosed following reports of CPP 30MW of Durga Cement Works a unit of Andhra Cements limited for the month of November 2014.

1. Ambient air quality monitoring report
2. Noise level report

This is for your kind information and records.

Thanking You

Yours faithfully,
For **Durga Cement Works**
(A Unit of Andhra Cements Limited)

Anjani Kumar)
Sr.GM (P&QC)

Encl: a/a

CC: The Environmental Engineer
AP Pollution Control Board, Regional Office
102, Raghava Apartments, Brundavan Gardane,
G U N T U R – 522 007

DURGA CEMENT WORKS

A Unit of Andhra Cements Limited
Gamalapadu(V), Dechepalli(M), Dist- Guntur
Andhra Pradesh

AMBIENT AIR QUALITY MONITORING REPORT OF DCW PLANT MONTH OF NOVEMBER 2014

LOCATION -1 NEAR MINE PIT-1, (CROSS WIND)

S.N		PM-2.5 $\mu\text{g}/\text{m}^3$	PM-10 $\mu\text{g}/\text{m}^3$	SO ₂ $\mu\text{g}/\text{m}^3$	NO ₂ $\mu\text{g}/\text{m}^3$
1	MAX.	30.04	46.23	8.11	12.51
2	MIN.	18.08	40.38	4.17	8.28
3	AVG.	24.85	43.57	6.245	9.83
4	STD DEV.	3.42	2.07	1.09	1.26
5	COFF. OF VARIATION	0.14	0.05	0.17	0.13
6	98 PERCENTILE	29.63	46.11	7.92	12.21

LOCATION -2 NEAR NAGULERU RIVER PUMP HOUSE, (CROSS WIND)

S.N		PM-2.5 $\mu\text{g}/\text{m}^3$	PM-10 $\mu\text{g}/\text{m}^3$	SO ₂ $\mu\text{g}/\text{m}^3$	NO ₂ $\mu\text{g}/\text{m}^3$
1	MAX.	25	45.41	8.11	12.51
2	MIN.	16.62	40.25	5.31	7.78
3	AVG.	20.77	43.02	6.41	10.02
4	STD DEV.	2.92	1.69	1.15	1.41
5	COFF. OF VARIATION	0.14	0.04	0.18	0.14
6	98 PERCENTILE	24.92	45.30	8.11	12.36

LOCATION -3 NEAR CPP (TOWARDS GAMALAPADU VILLAGE), (UP WIND)

S.N		PM-2.5 $\mu\text{g}/\text{m}^3$	PM-10 $\mu\text{g}/\text{m}^3$	SO ₂ $\mu\text{g}/\text{m}^3$	NO ₂ $\mu\text{g}/\text{m}^3$
1	MAX.	29.87	51.34	7.84	12.33
2	MIN.	21.4	43.64	5.52	9.07
3	AVG.	26.90	47.62	6.69	10.05
4	STD DEV.	2.90	2.33	0.70	1.06
5	COFF. OF VARIATION	0.11	0.05	0.11	0.11
6	98 PERCENTILE	29.85	51.10	7.78	12.12

LOCATION -4 COLONY AREA (TOWARDS SRI NAGAR VILLAGE),(DOWN WIND)

S.N		PM-2.5 $\mu\text{g}/\text{m}^3$	PM-10 $\mu\text{g}/\text{m}^3$	SO ₂ $\mu\text{g}/\text{m}^3$	NO ₂ $\mu\text{g}/\text{m}^3$
1	MAX.	23.34	43.27	6.88	10.86
2	MIN.	16.18	36.23	5.29	8.28
3	AVG.	19.01	40.57	6.09	9.54
4	STD DEV.	3.18	2.49	0.53	0.77
5	COFF. OF VARIATION	0.17	0.06	0.09	0.08
6	98 PERCENTILE	23.21	43.27	6.85	10.75