



ISO 9001:2008
OHSAS 18001:2007

GLOBAL ENVIRO LABS

Recognised by MoEF, Govt, Vide Gazette No. : S.O.1190(E) (Valid upto 30-04-2019)

2-2-1075/14/A/1, 1st Floor, Tilaknagar 'X' Road, Bagh Amberpet,
Hyderabad - 500 013. Ph : 65582886, 27407969, Fax : 27407969,

E-mail : globalelabs@gmail.com, globalelabs@rediffmail.com

Accredited by :



REF.NO: GEL/ACL/007/AAQ/2016-021

Date: 15-06-2016

AMBIENT AIR QUALITY DATA

Name of the Industry : **M/s. ANJANI PORTLAND CEMENT LTD.**
(A Subsidiary of Chettinad Cement Corporation Limited)
Address : Chintalapalem (V), Mellacheruvu (M),
Nalgonda (Dist) – 508 246

Sl.No.	Location	Date	Duration of Sampling	PM ₁₀ (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	PM _{2.5} (µg/m ³)
1.	Near Security Gate	04-06-2016	24 hr.	54	07	10	32
2.	Near Crusher	04-06-2016	24 hr.	59	10	14	35
3.	Near Kiln Stack Area	04-06-2016	24 hr.	62	06	12	37
4.	T.S.P.C.B. Limits			100	80	80	60

Note: All the values are within the limits prescribed by NAAQS.

All the parameters monitored and analyzed as per the MoEF notification Vide G.S.R. No.826 (E) Dt: 18/11/2009

Fine Particulate Sampler Model APM 550 (Sl. No. 448-DTH-2010), Next Calibration due on 24/07/2016

Fine Particulate Sampler Model APM 550 (Sl. No. 449-DTH-2010), Next Calibration due on 24/07/2016

Fine Particulate Sampler Model APM 550 (Sl. No. 288-DTE-2010), Next Calibration due on 24/07/2016

Respirable Dust Sampler Model RDS 9000 (Sl. No. 061254), Next Calibration due on 08/04/2017

Respirable Dust Sampler Model RDS 9000 (Sl. No. 070703), Next Calibration due on 08/04/2017

Respirable Dust Sampler Model RDS 9000 (Sl. No. 070702), Next Calibration due on 08/04/2017

PM₁₀ : Particulate Matter (size less than 10µg/m³)

SO₂ : Sulphur Dioxide

PM_{2.5} : Particulate Matter (size less than 2.5µg/m³)

NO_x : Oxides of Nitrogen

for GLOBAL ENVIRO LABS

M. Kavitha

AUTHORISED SIGNATORY



ISO 9001:2008
OHSAS 18001:2007

GLOBAL ENVIRO LABS

Recognised by MoEF, Gov, Vide Gazette No. : S.O.1190(E) (Valid upto 30-04-2019)

2-2-1075/14/A/1, 1st Floor, Tilaknagar 'X' Road, Bagh Amberpet,
Hyderabad - 500 013. Ph : 65582886, 27407969, Fax : 27407969,
E-mail : globalelabs@gmail.com, globalelabs@rediffmail.com

Accredited by :



REF.NO: GEL/ACL/007/STM/2016-022

Date: 15-06-2016

STACK MONITORING DATA

Name of the Industry : **M/s. Anjani Portland Cement Ltd.**
(A Subsidiary of Chettinad Cement Corporation Limited)
Address : Chintalapalem (V), Mellacheruvu (M),
Nalgonda (Dist) – 508 246

Sample Particulars	Stack No.	I	II	III	IV
Date of sampling	: 04-06-2016				
Time of monitoring	:	09.00 a.m.	10.50 a.m.	12.45 p.m.	02.20 p.m.
1. Stack diameter (m)	: 2.60	0.60	0.7	1.15	
2. Stack cross sectional area (sq m)	: 5.31	0.283	0.385	1.038	
3. Flue gas temperature (°C)	: 215	78	85	231	
4. Exit velocity of flue gases (m/sec)	: 9.58	12.63	12.45	13.50	
5. Flow rate (m ³ /hr)	: 1,83,131	12,867	17,256	50,447	

EMISSION DATA

6. Suspended particulate matter Concentration (mg/Nm ³)	: 09	17	28	31
7. T.S.P.C.B Limits (SPM)	50	50	50	50

Note: All the values are

within the limits prescribed by TSPCB.

Stack Kit Model/SL/No:SEA-90/000908, Next Calibration on: 08-04-2017

Note: **Stack No. I** : Attached to Kiln Stack – Line – 1

Stack No. II : Attached to Coal Mill – Line – 1

Stack No. III : Attached to Cement Mill – Line – 1

Stack No. IV : Attached to Cooler Stack – Line – 1

for GLOBAL ENVIRO LABS

M. Kavitha

AUTHORISED SIGNATORY



ISO 9001:2008
OHSAS 18001:2007

GLOBAL ENVIRO LABS

Recognised by MoEF, Gov, Vide Gazette No. : S.O.1190(E) (Valid upto 30-04-2019)

2-2-1075/14/A/1, 1st Floor, Tilaknagar 'X' Road, Bagh Amberpet,
Hyderabad - 500 013. Ph : 65582886, 27407969, Fax : 27407969,
E-mail : globalelabs@gmail.com, globalelabs@rediffmail.com

Accredited by :



REF.NO: GEL/ACL/007/STM/2016-023

Date: 15-06-2016

STACK MONITORING DATA

Name of the Industry : **M/s. Anjani Portland Cement Ltd.**
(A Subsidiary of Chettinad Cement Corporation Limited)
Address : Chintalapalem (V), Mellacheruvu (M),
Nalgonda (Dist) – 508 246

Sample Particulars	Stack No.	V	VI	VII	VIII
Date of sampling		04-06-2016	04-06-2016	05-06-2016	05-06-2016
Time of monitoring		04.00 p.m.	05.45 p.m.	09.10 a.m.	11.00 a.m.

1. Stack diameter (m)	: 0.30	0.85	0.42	0.32
2. Stack cross sectional area (sq m)	: 0.071	0.567	0.138	0.08
3. Flue gas temperature (°C)	: 42	69	44	39
4. Exit velocity of flue gases (m/sec)	: 12.32	11.78	2.93	7.34
5. Flow rate (m ³ /hr)	: 3,149	24,045	1,456	2,114

EMISSION DATA

6. Suspended particulate matter Concentration (mg/Nm ³)	: 13	21	17	23
7. T.S.P.C.B Limits (SPM)	50	50	50	50

Note: All the values are within the limits prescribed by TSPCB.

Stack Kit Model/SL/No:SEA-90/000908, Next Calibration on: 08-04-2017

Note: **Stack No. V : Attached to Crusher Stack – Line – 1**

Stack No. VI : Attached to Raw Mill Stack – Line – 1

Stack No. VII : Attached to Blending Silo Stack – Line – 1

Stack No. VIII : Attached to Packing Plant Stack – Line - 1

for GLOBAL ENVIRO LABS

M. Kavitha

AUTHORISED SIGNATORY



ISO 9001:2008
OHSAS 18001:2007

GLOBAL ENVIRO LABS

Recognised by MoEF, Gov, Vide Gazette No. : S.O.1190(E) (Valid upto 30-04-2019)

2-2-1075/14/A/1, 1st Floor, Tilaknagar 'X' Road, Bagh Amberpet,
Hyderabad - 500 013. Ph : 65582886, 27407969, Fax : 27407969,
E-mail : globalelabs@gmail.com, globalelabs@rediffmail.com

Accredited by :



REF.NO: GEL/ACL/007/STM/2016-024

Date: 15-06-2016

STACK MONITORING DATA

Name of the Industry : **M/s. Anjani Portland Cement Ltd.**
(A Subsidiary of Chettinad Cement Corporation Limited)
Address : Chintalapalem (V), Mellacheruvu (M),
Nalgonda (Dist) – 508 246

Sample Particulars	Stack No.	IX	X	XI	XII
Date of sampling	:	05-06-2016	05-06-2016	05-06-2016	06-06-2016
Time of monitoring	:	01.00 p.m.	02.30 p.m.	04.45 p.m.	09.00 a.m.
1. Stack diameter (m)	:	1.15	3.45	0.90	1.40
2. Stack cross sectional area (sq m)	:	1.038	9.34	0.635	1.53
3. Flue gas temperature (°C)	:	79	211	45	118
4. Exit velocity of flue gases (m/sec)	:	12.30	7.32	11.21	9.18
5. Flow rate (m ³ /hr)	:	45,963	2,46,127	25,626	50,563

EMISSION DATA

6. Suspended particulate matter Concentration (mg/Nm ³)	:	18	22	29	25
7. T.S.P.C.B Limits (SPM)		50	50	50	50

Note: All the values are within the limits prescribed by TSPCB.

Stack Kit Model/SL/No:SEA-90/000908, Next Calibration on: 08-04-2017

Note: **Stack No. IX : Attached to Cement Mill – II – Line – 1**

Stack No. X : Attached to Raw Mill & Kiln - Line - II

Stack No. XI : Attached to L.S. Crusher – Line - II

Stack No. XII : Attached to Coal Mill - Line - II

for GLOBAL ENVIRO LABS

M. Karithe

AUTHORISED SIGNATORY



ISO 9001:2008
OHSAS 18001:2007

GLOBAL ENVIRO LABS

Recognised by MoEF, Gov, Vide Gazette No. : S.O.1190(E) (Valid upto 30-04-2019)

2-2-1075/14/A/1, 1st Floor, Tilaknagar 'X' Road, Bagh Amberpet,
Hyderabad - 500 013. Ph : 65582886, 27407969, Fax : 27407969,
E-mail : globalelabs@gmail.com, globalelabs@rediffmail.com

Accredited by :



REF.NO: GEL/ACL/007/STM/2016-025

Date: 15-06-2016

STACK MONITORING DATA

Name of the Industry : **M/s. Anjani Portland Cement Ltd.**
(A Subsidiary of Chettinad Cement Corporation Limited)
Address : Chintalapalem (V), Mellacheruvu (M),
Nalgonda (Dist) – 508 246

Sample Particulars	Stack No.	XIII	XIV	XV
Date of sampling	:	06-06-2016	06-06-2016	06-06-2016
Time of monitoring	:	10.30 a.m	12.05 p.m.	02.00 p.m.

1. Stack diameter (m)	:	2.66	1.20	0.40
2. Stack cross sectional area (sq m)	:	5.56	1.13	0.125
3. Flue gas temperature (°C)	:	221	110	41
4. Exit velocity of flue gases (m/sec)	:	9.28	8.25	3.61
5. Flow rate (m ³ /hr)	:	1,85,748	33,561	1,624

EMISSION DATA

6. Suspended particulate matter Concentration (mg/Nm ³)	:	39	26	17
7. T.S.P.C.B Limits (SPM)		50	50	50

Note: All the values are within the limits prescribed by TSPCB.

Stack Kit Model/SL/No:SEA-90/000908, Next Calibration on: 08-04-2017

Note: **Stack No. XIII : Attached to Cooler Vent Stack – Line - II**

Stack No. XIV : Attached to Cement Mill Stack – Line - II

Stack No. XV : Attached to Packing Plant Stack – Line - II

for GLOBAL ENVIRO LABS

M. Karithe

AUTHORISED SIGNATORY



ISO 9001:2008
OHSAS 18001:2007

GLOBAL ENVIRO LABS

Recognised by MoEF, Gov, Vide Gazette No. : S.O.1190(E) (Valid upto 30-04-2019)

2-2-1075/14/A/1, 1st Floor, Tilaknagar 'X' Road, Bagh Amberpet,
Hyderabad - 500 013. Ph : 65582886, 27407969, Fax : 27407969,
E-mail : globalelabs@gmail.com, globalelabs@rediffmail.com

Accredited by :



REF.NO: GEL/ACL/007/NQD/2016-026

Date: 15-06-2016

AMBIENT NOISE QUALITY DATA

Name of the Industry : **M/s. Anjani Portland Cement Ltd.**
(A Subsidiary of Chettinad Cement Corporation Limited)
Address : Chintalapalem (V), Mellacheruvu (M),
Nalgonda (Dist) – 508 246

Date of Monitoring: 06-06-2016

Location	Noise Levels in dB (A)	
	Day Time (1)	Night Time (2)
1. Near Security	59	54
2. Near Cement Mill	67	63
3. Near Kiln	73	68
4. Near D.G Set Area	71	66
5. Near Canteen	56	51
6. Near Compressor House	67	62
7. Near Office	64	57
8. Near Limestone Crusher	68	61
9. Near Raw Mill	72	69
10. Near Guest House	65	58

Note: 1. Day Time is reckoned in between 6 a.m and 10 p.m
2. Night time is reckoned in between 10 p.m and 6 a.m
3. TSPCB Limits for Noise Level at Daytime is 75 dB (A) and Night time is 70 dB (A)
Noise Level Meter Model SL-4010 (Sl. No. I.72964), Next Calibration on: 11-10-2016

for GLOBAL ENVIRO LABS

M. Kavitha

AUTHORISED SIGNATORY



ISO 9001:2008
OHSAS 18001:2007

GLOBAL ENVIRO LABS

Recognised by MoEF, Govt, Vide Gazette No. : S.O.1190(E) (Valid upto 30-04-2019)

2-2-1075/14/A/1, 1st Floor, Tilaknagar 'X' Road, Bagh Amberpet,
Hyderabad - 500 013. Ph : 65582886, 27407969, Fax : 27407969,
E-mail : globalelabs@gmail.com, globalelabs@rediffmail.com

Accredited by :



REF.NO: GEL/ACL/007/WWA/2016-027

Date: 15-06-2016

WASTEWATER ANALYSIS

Name of the Industry : **M/s. Anjani Portland Cement Ltd.**
(A Subsidiary of Chettinad Cement Corporation Limited)
Address : Chintalapalem (V), Mellacheruvu (M),
Nalgonda (Dist) – 508 246

Date of collection : 06-06-2016
Date of analysis : 07-06-2016
Sample Particulars : **Domestic Effluent** **Limits** **Method Used**

1. pH	: 7.28	5.5 – 9.0	IS: 2490 - 1982
2. Total Dissolved Solids	: 691	2100	„
3. Total Suspended Solids	: 35	200	„
4. Chemical Oxygen Demand	: 113	250	„
5. Biological Oxygen Demand (3 days at 27°C)	: 26	100	„
6. Oil & Grease	: 0.21	10	“

Note: All the values except pH are expressed in mg/liter
All the values are within the limits prescribed by TSPCB

for **GLOBAL ENVIRO LABS**

M. Kavitha

AUTHORISED SIGNATORY



ISO 9001:2008
OHSAS 18001:2007

GLOBAL ENVIRO LABS

Recognised by MoEF, Gov, Vide Gazette No. : S.O.1190(E) (Valid upto 30-04-2019)

2-2-1075/14/A/1, 1st Floor, Tilaknagar 'X' Road, Bagh Amberpet,
Hyderabad - 500 013. Ph : 65582886, 27407969, Fax : 27407969,

E-mail : globalelabs@gmail.com, globalelabs@rediffmail.com

Accredited by :



REF.NO: GEL/ACL/007/STM/2016-028

Date: 15-06-2016

STACK MONITORING DATA

Name of the Industry : **M/s. Anjani Portland Cement Ltd.**
(A Subsidiary of Chettinad Cement Corporation Limited)
Address : Chintalapalem (V), Mellacheruvu (M),
Nalgonda (Dist) – 508 246

Sample Particulars : Stack attached to the 320 KVA D.G Set
Date of sampling : 06-06-2016
Time of monitoring : 03.15 p.m.

1. Stack diameter (m) : 0.15
2. Stack cross sectional area (sq m) : 0.017
3. Flue gas temperature (°C) : 134
4. Exit velocity of flue gases (m/sec) : 13.32
5. Flow rate (cum/hr) : 815

EMISSION DATA		Limits	Method Used
6. Suspended particulate matter Concentration (mg/N m ³)	: 43	115	IS: 11255 (Part-I), 1985
7. Sulphur dioxide Concentration (mg/N m ³)	: 112	---	IS: 11255 (Part-II), 1985
8. Oxides of nitrogen Concentration (mg/N m ³)	: 145	---	IS: 5182 (Part-VI), 1975

Note: All the values are within the limits prescribed by TSPCB.
Stack Kit Model/SL/No:SEA-90/000908, Next Calibration on: 08-04-2017

for **GLOBAL ENVIRO LABS**

M. Kavitha

AUTHORISED SIGNATORY



ISO 9001:2008
OHSAS 18001:2007

GLOBAL ENVIRO LABS

Recognised by MoEF, Gov, Vide Gazette No. : S.O.1190(E) (Valid upto 30-04-2019)

2-2-1075/14/A/1, 1st Floor, Tilaknagar 'X' Road, Bagh Amberpet,
Hyderabad - 500 013. Ph : 65582886, 27407969, Fax : 27407969,
E-mail : globalelabs@gmail.com, globalelabs@rediffmail.com

Accredited by :



REF.NO: GEL/ACL/007/STM/2016-029

Date: 15-06-2016

STACK MONITORING DATA

Name of the Industry : **M/s. Anjani Portland Cement Ltd.**
(A Subsidiary of Chettinad Cement Corporation Limited)
Address : Chintalapalem (V), Mellacheruvu (M),
Nalgonda (Dist) – 508 246

Sample Particulars : Stack attached to the 1250 KVA D.G Set
Date of sampling : 06-06-2016
Time of monitoring : 04.45 p.m.

1. Stack diameter (m) : 0.315
2. Stack cross sectional area (sq m) : 0.077
3. Flue gas temperature (°C) : 221
4. Exit velocity of flue gases (m/sec) : 11.60
5. Flow rate (cum/hr) : 3,216

EMISSION DATA		Limits	Method Used
6. Suspended particulate matter Concentration (mg/N m ³)	: 61	115	IS: 11255 (Part-I), 1985
7. Sulphur dioxide Concentration (mg/N m ³)	: 164	---	IS: 11255 (Part-II), 1985
8. Oxides of nitrogen Concentration (mg/N m ³)	: 247	---	IS: 5182 (Part-VI), 1975

Note: All the values are within the limits prescribed by TSPCB.
Stack Kit Model/SL/No:SEA-90/000908, Next Calibration on: 08-04-2017

for **GLOBAL ENVIRO LABS**

M. Kavitha

AUTHORISED SIGNATORY



ISO 9001:2008
OHSAS 18001:2007

GLOBAL ENVIRO LABS

Recognised by MoEF, Gov, Vide Gazette No. : S.O.1190(E) (Valid upto 30-04-2019)

2-2-1075/14/A/1, 1st Floor, Tilaknagar 'X' Road, Bagh Amberpet,
Hyderabad - 500 013. Ph : 65582886, 27407969, Fax : 27407969,
E-mail : globalelabs@gmail.com, globalelabs@rediffmail.com

Accredited by :



REF.NO: GEL/ACL/007/STM/2016-030

Date: 15-06-2016

STACK MONITORING DATA

Name of the Industry : **M/s. Anjani Portland Cement Ltd.**
(A Subsidiary of Chettinad Cement Corporation Limited)
Address : Chintalapalem (V), Mellacheruvu (M),
Nalgonda (Dist) – 508 246

Sample Particulars : Stack attached to CSP Dust Collector – Line-II
Date of sampling : 06-06-2016
Time of monitoring : 06.15 p.m.

1. Stack diameter (m) : 0.60
2. Stack cross sectional area (sq m) : 0.283
3. Flue gas temperature (°C) : 51
4. Exit velocity of flue gases (m/sec) : 11.86
5. Flow rate (cum/hr) : 12,083

EMISSION DATA	Limits	Method Used
6. Suspended particulate matter Concentration (mg/N m ³)	50	IS: 11255 (Part-I), 1985

Note: All the values are within the limits prescribed by TSPCB.
Stack Kit Model/SL/No:SEA-90/000908, Next Calibration on: 08-04-2017

for GLOBAL ENVIRO LABS

M. Kavitha

AUTHORISED SIGNATORY