



INSTA POLLUTECH LABS

Testing & calibration services

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ISO 9001: 2008
ISO 14001:2004
OHSAS 18001:2007
Reg. No. : RI91/7721

Environmental Monitoring Report

(Period: March 2014 to May 2014)

For

Proposed Expansion of Co-generation from 2.5 MW to 20.5 MW Project
Of

**Raosahebada Pawar Ghodganga Sahakari
Sakhar Karkhana Ltd.**

Prepared by



Insta Pollutech Lab

(MoEF Recognized Environment Laboratory)

Ambient Noise Pollution Monitoring Report

REPORT NO.	IPL / Noise / 542 - 549	Date : 12 / 05 / 2014
Name and Address	M/S. RAOSAHEBDADA PAWAR GHODGANGA SAHAKARI SAKHAR KARKHANA LTD. Raosaheb Nagar, A/P Nhavare, Tal – Shirur, Dist – Pune, Maharashtra	
Sample Description / Type	NOISE	Sample Collected by Our Representative
Sampling Location	--	Time of Sampling 24 Hrs.
Sampling Procedure	Instrument Manual of SOUND LEVEL METER - 2, MAKE – MASTEK, LAB ID NO. IPL/ NM / 053	

SOUND LEVEL IN dB (A)										
RESULT									LIMITS PRESCRIBED BY CPCB	
Lab ID No.	542	543	544	545	546	547	548	549	55 dB(A) Leq during day time between 6 a.m. to 10 p.m., 45dB(A) Leq during night time between 10 p.m. to 6 am	
Sampling Location	PROJECT SITE	AMBLE	NIRVI	PARGAON	SHIRASGAON KATA	NIMONE	KOKADEWA DI	WALAKI		
Date of Sampling	02 / 05 / 2014	03 / 05 / 2014	04 / 05 / 2014	05/05/2014	06 / 05 / 2014	07 / 05 / 2014	08 / 05 / 2014	09 / 05 / 2014		
SR	TIME									
1.	10.00 AM	51	50	50	50	51	53	52		51
2.	11.00 AM	50	51	50	50	51	51	50		50
3.	12.00 AM	52	50	49	50	46	52	51		49
4.	01.00 PM	52	49	48	48	46	51	52		48
5.	02.00 PM	53	47	48	48	45	50	53		48
6.	03.00 PM	51	47	48	47	45	51	51		47
7.	04.00 PM	52	46	49	46	46	52	52		46
8.	05.00 PM	51	42	48	46	47	49	51		46
9.	06.00 PM	49	49	47	45	42	45	49		45
10.	07.00 PM	48	46	48	43	40	47	48		42
11.	08.00 PM	46	43	46	48	42	48	46		46
12.	09.00 PM	46	46	40	39	43	47	46		39
13.	10.00 PM	40	38	39	40	41	42	40		40
14.	11.00 PM	38	35	38	36	34	32	38		35
15.	12.00 PM	38	39	38	34	36	37	38		34
16.	01.00 AM	40	38	37	32	35	41	40		31
17.	02.00 AM	39	37	35	38	37	38	39		37
18.	03.00 AM	40	34	38	39	40	39	40		38
19.	04.00 AM	38	36	33	32	39	39	38		32
20.	05.00 AM	40	38	40	41	40	41	40		41
21.	06.00 AM	39	40	39	41	38	37	39	40	
22.	07.00 AM	39	39	40	40	39	38	39	40	
23.	08.00 AM	42	42	43	41	43	44	42	41	
24.	09.00 AM	51	45	47	49	50	48	51	49	
Day Time dB(A) Leq	Minimum	39	38	39	39	38	37	39	39	
	Maximum	53	51	50	50	51	53	53	51	
	Average	46	44.5	44.5	44.5	44.5	45	46	45	
Night Time dB(A) Leq	Minimum	38	34	33	32	34	32	38	31	
	Maximum	40	40	40	41	41	42	40	41	
	Average	39	37	36.5	36.5	37.5	37	39	36	

Soil Sample Analysis Report

REPORT NO.	IPL / T / 05 / 14623 - 14630	DATE OF ISSUE	12 / 05 / 2014							
Name and Address	M/S. RAOSAHEBDADA PAWAR GHODGANGA SAHAKARI SAKHAR KARKHANA LTD. Raosaheb Nagar, A/P Nhavare, Tal – Shirur, Dist – Pune, Maharashtra									
Sample Description / Type	SOIL SAMPLE			Sample Collected by			Our Representative			
Sampling Location	--			Sample Quantity / Packing			1 PKT X 200 gms			
Date of Sampling	03 / 05 / 2014			Date of Sample Receipt			04 / 05 / 2014			
Sampling Procedure	Soil Testing Manual (Jan 2011)									
Date of Start of Analysis	05 / 05 / 2014			Date of Completion of Analysis			12 / 05 / 2014			
RESULT										
Lab ID No.	14623	14624	14625	14626	14627	14628	14629	14630	Methods Of Analysis	
Sampling Location	PROJECT SITE	AMBLE	NIRVI	PARG AON	SHIRASG AON KATA	NIMONE	KOKADEWADI	WALAKI		
SR NO	PARAMETERS*									
A	GENERAL PARAMETERS									
1	pH of 1 % Solution	7.38	7.39	7.41	7.88	7.54	7.36	7.38	7.22	Soil Testing Manual (Jan 2011)
2	Conductivity in [µMHOs] of 1 % Solution	182	169	174	168.3	174	126	163	148	
3	Total Kjeldhal Nitrogen	1245	1274	1074	1145	1263	1123	1088	1048	
B	PHYSICAL PARAMETERS									
4	Water Retention Capacity in %	40.12	46.8	45.21	45.12	47.6	43.5	42.3	40.7	Soil Testing Manual (Jan 2011)
C	CHEMICAL PARAMETERS (BY WATER LEACHATE)									
5	Sulphate as SO ₄	345.2	363.58	345.3	389.7	388.7	367.4	378.4	345.9	Soil Testing Manual (Jan 2011)
6	Chlorides as Cl	258.2	256.21	238.9	235.6	288.4	264.12	248.9	282.54	APHA 21 st Edition, Part 4500-Cl- B, Page 4-70 Argentometric Method.
7	Calcium as Ca	338.2	245.63	587.2	374.2	288.2	612.3	261.7	428.5	Soil Testing Manual (Jan 2011)
8	Potassium as K	39.8	30.47	36.2	43.6	48.2	47.8	32.8	36.6	Soil Testing Manual (Jan 2011) AAS method
9	Copper as Cu	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
10	Zinc as Zn	5.12	4.74	4.23	6.77	4.58	6.12	5.3	5.2	
11	Iron as Fe	39.6	42.8	46.8	37.2	49.8	43.8	46.4	43.02	
12	Manganese as Mn	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
13	Boron as B	6.14	5.88	4.45	6.46	5.42	5.36	4.6	4.8	
14	Total Phosphates as PO ₄	774	658	745	758	737	692	661	721	Soil Testing Manual (Jan 2011)
D	HEAVY METALS (BY ACID LEACHATE)									
15	Nickel as Ni	2.63	1.88	1.69	2.35	2.96	1.56	2.21	1.76	SW-846 Methods Status Table (Method 3050B-1)
16	Cadmium as Cd	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
17	Lead as Pb	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
18	Sodium as Na	4.37	4.96	4.45	6.08	5.74	3.88	3.73	3.61	Soil Testing Manual (Jan 2011)

Note – * - All Parameters are in mg/Kg except pH & conductivity.

Water Sample Analysis Report

REPORT NO.		IPL / T / 05 / 14620 - 14623			DATE OF ISSUE		12 / 05 / 2014
Name and Address		M/S. RAOSAHEBDADA PAWAR GHODGANGA SAHAKARI SAKHAR KARKHANA LTD. Raosaheb Nagar, A/P Nhavare, Tal – Shirur, Dist – Pune, Maharashtra					
Sample Description / Type		SURFACE WATER SAMPLE			Sample Collected by		Our Representative
Sampling Location		--			Sample Quantity / Packing		5 Lit. X 1 Can. 200 ml x 1 sterile Glass Bottle
Date of Sampling		03 / 05 / 2014			Date of Sample Receipt		04 / 05 / 2014
Sampling Procedure		APHA 22 nd Edition, Part 1060, Page 1-39 & 1-43					
Date of Start of Analysis		05 / 05 / 2014			Date of Completion of Analysis		12 / 05 / 2014
RESULT							
Lab ID No.		14620	14621	14622	14623	Acceptable Limits As Per IS 10500:2012 [Max]	METHODS OF ANALYSIS
Sampling Location		SHIRASGAON KATA	NIMONE	KOKADEWADI	WALAKI		
SR. NO.	PARAMETER						
A	ORGANOLEPTIC & PHYSICAL PARAMETERS						
1	Colour, Hazen Units	<5	<5	<5	<5	5	IS: 3025 (Part 4) – 1983
2	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	APHA 22 nd Edition, Part 2150B, Page 2-16,
3	pH	7.25	7.38	7.33	7.32	6.5 to 8.5	APHA 22 nd Edition, Part 4500-H ⁺ B, Page 4-92
4	Taste	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	APHA 22 nd Edition, Part 2160B, Page 2-20,
5	Turbidity [NTU]	0.7	0.4	0.7	0.3	1	APHA 22 nd Edition, Part 2130B, Page 2-13
6	TDS	186.4	154.12	136.52	136.9	500	APHA 22 nd Edition, Part 2540C, Page 2-65,
7	Calcium [as Ca]	42.2	42.5	36.5	41.2	75	APHA 22 nd Edition, Part 3500-Ca B, Page 3-67
8	Chlorides [as Cl]	128.5	132.6	96.5	126.8	250	APHA 22 nd Edition, Part 4500-Cl ⁻ B, Page 4-
9	Fluoride	BDL	BDL	BDL	BDL	1.0	APHA 22 nd Edition, Part 4500-F ⁻ D, Page 4-87
10	Residual Free Chlorine	BDL	BDL	BDL	BDL	0.2 [MIN]	APHA 22 nd Edition, Part 4500-Cl B, Page 4-60
11	Iron [as Fe]	0.010	0.012	0.013	0.010	0.3	APHA 22 nd Edition, Part 3110, Page 3-14, 3500 Fe B 3-77
12	Magnesium [as Mg]	23.5	23.4	21.45	15.36	30	APHA 22 nd Edition, Part 3500, Page 3-84
13	Nitrate	2.58	3.88	13.69	9.88	45	APHA 22 nd Edition, Part 4500-NO ₃ ⁻ B, Page 4-122
14	Sulphates [as SO ₄]	101.2	74.3	169.53	154.63	200	APHA 22 nd Edition, Part 4500 SO ₄ ²⁻ E, Page 4-190
15	Total Alkalinity as CaCO ₃	63.4	68.7	58.03	84.7	200	APHA 22 nd Edition, Part 2320 B, Page 2-34
16	Total Hardness as CaCO ₃	128.5	136.5	145.9	162.3	200	APHA 22 nd Edition, Part 2340 C, Page 2-44
17	Lead	BDL	BDL	BDL	BDL	0.05	APHA 22 nd Edition, Part 3110, Page 3-14
18	Cadmium	BDL	BDL	BDL	BDL	0.01	APHA 22 nd Edition, Part 3500 Cd Cadmium, Page 3-105
19	Chromium	BDL	BDL	BDL	BDL	0.05	APHA 22 nd Edition, Part 3500B, Page 3-69
20	Aluminium	BDL	BDL	BDL	BDL	0.03	APHA 22 nd Edition, Part 3111 D, Page 3-20
21	Zinc	BDL	BDL	BDL	BDL	5	APHA 22 nd Edition, Part 3111 B, Page 3-18
22	Manganese	BDL	BDL	BDL	BDL	0.1	APHA 22 nd Edition, Part 3111, Page 3-14
23	Copper	BDL	BDL	BDL	BDL	0.05	APHA 22 nd Edition, Part 3111B, Page 3-18
24	Arsenic	BDL	BDL	BDL	BDL	0.05	APHA 22 nd Edition, Part 3500-As B, Page 3-65
25	Boron	BDL	BDL	BDL	BDL	1	APHA 22 nd Edition, Part 4500-B C, Page 4-27
26	COD	46	48	57	54	--	APHA 22 nd Edition, Part 5220B, Page 5-17
27	BOD	15	17	21	24	--	APHA 22 nd Edition, Part 5210B, Page 5-5
B	BACTERIOLOGICAL PARAMETERS PER 100ml						
28	E – Coli	Absent	Absent	Absent	Absent	Absent	IS: 1622 – 1981
29	Total Coliform Bacteria / MPN	16	24	18	17	Absent	IS: 1622 – 1981

Note: - * - All Parameters values are in ppm except Colour, Odour, pH, Taste & Turbidity.

Water Sample Analysis Report

REPORT NO.		IPL / T / 05 / 14612 - 14619				DATE OF ISSUE				12 / 05 / 2014		
Name and Address		M/S. RAOSAHEBDADA PAWAR GHODGANGA SAHAKARI SAKHAR KARKHANA LTD. Raosaheb Nagar, A/P Nhavare, Tal – Shirur, Dist – Pune, Maharashtra										
Sample Description / Type		GROUND WATER SAMPLE				Sample Collected by				Our Representative		
Sampling Location		--				Sample Quantity / Packing				5 Lit. X 1 Can. 200 ml x 1 sterile Glass Bottle		
Date of Sampling		03 / 05 / 2014				Date of Sample Receipt				04 / 05 / 2014		
Sampling Procedure		APHA 22 nd Edition, Part 1060, Page 1-39 & 1-43										
Date of Start of Analysis		05 / 05 / 2014				Date of Completion of Analysis				12 / 05 / 2014		
RESULT											Acceptable Limits As Per IS 10500:2012 [Max]	METHODS OF ANALYSIS
Lab ID No.	14612	14613	14614	14615	14616	14617	14618	14619				
Sampling Location		PROJECT SITE	AMBLE	NIRVI	PARGAON	SHIRAS GAON KATA	NIMONE	KOKADE WADI	WALAKI			
SR. NO.	PARAMETER											
A ORGANOLEPTIC & PHYSICAL PARAMETERS												
1	Colour, Hazen Units	<5	<5	<5	<5	<5	<5	<5	<5	5	IS: 3025 (Part 4) – 1983	
2	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	APHA 22 nd Edition, Part 2150B, Page 2-16,	
3	pH	7.46	7.36	7.16	7.25	7.32	7.69	7.63	7.41	6.5 to 8.5	APHA 22 nd Edition, Part 4500-H ⁺ B,	
4	Taste	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	APHA 22 nd Edition, Part 2160B, Page 2-20	
5	Turbidity [NTU]	0.2	0.5	0.9	0.8	0.6	0.8	0.4	0.3	1	APHA 22 nd Edition, Part 2130B, Page 2-13	
6	TDS	536.8	723.3	259.4	641.26	254.12	572.5	688	726	500	APHA 22 nd Edition, Part 2540C, Page 2-65,	
7	Calcium [as Ca]	73.54	88.54	72.5	78.4	76.8	74.5	87.2	90.17	75	APHA 22 nd Edition, Part 3500-Ca B, Page 3-67	
8	Chlorides [as Cl]	154.2	128.56	168.9	143.8	168.5	118.8	165.3	158.7	250	APHA 22 nd Edition, Part 4500-Cl ⁻ B,	
9	Fluoride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.0	APHA 22 nd Edition, Part 4500-F ⁻ D, Page 4-67	
10	Residual Free Chlorine	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.2 [MIN]	APHA 22 nd Edition, Part 4500-Cl B, Page 4-60	
11	Iron [as Fe]	0.020	0.024	0.015	0.032	0.023	0.028	0.019	0.019	0.3	APHA 22 nd Edition, Part 3110, Page 3-14, 3500 Fe B 3-77	
12	Magnesium [as Mg]	59.6	57.4	61.23	72.5	65.14	75.28	36.3	43.11	30	APHA 22 nd Edition, Part 3500, Page 3-84	
13	Nitrate	9.36	8.35	12.35	9.25	13.5	16.7	7.14	10.17	45	APHA 22 nd Edition, Part 4500-NO ₃ ⁻ B, Page 4-122	
14	Sulphates [as SO ₄]	169.8	161.20	158.6	188.5	162.4	172.4	178.6	185.3	200	APHA 22 nd Edition, Part 4500 SO ₄ ²⁻ E, Page 4-190	
15	Total Alkalinity as CaCO ₃	187.9	158.4	172.5	198.6	173.6	178.4	107.5	112.3	200	APHA 22 nd Edition, Part 2320 B, Page 2-34	
16	Total Hardness as CaCO ₃	261.2	228.4	272.7	248.5	272.6	248.7	245.7	229.6	200	APHA 22 nd Edition, Part 2340 C, Page 2-44	
17	Lead	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.05	APHA 22 nd Edition, Part 3110, Page 3-14	
18	Cadmium	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.01	APHA 22 nd Edition, Part 3500 Cd Cadmium, Page 3-105	
19	Chromium	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.05	APHA 22 nd Edition, Part 3500B, Page 3-69	
20	Aluminium	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.03	APHA 22 nd Edition, Part 3111 D, Page 3-20	
21	Zinc	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5	APHA 22 nd Edition, Part 3111 B, Page 3-18	
22	Manganese	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.1	APHA 22 nd Edition, Part 3111, Page 3-14	
23	Copper	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.05	APHA 22 nd Edition, Part 3111B, Page 3-18	
24	Arsenic	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.05	APHA 22 nd Edition, Part 3500-As B, Page 3-65	
25	Boron	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1	APHA 22 nd Edition, Part 4500-B C,	
26	COD	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	APHA 22 nd Edition, Part 5220B, Page	
27	BOD	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	--	APHA 22 nd Edition, Part 5210B, Page	
B BACTERIOLOGICAL PARAMETERS PER 100ml												
26	E – Coli	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	IS: 1622 – 1981	
27	Total Coliform Bacteria / MPN	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	IS: 1622 – 1981	

Note: * - All Parameters values are in ppm except Colour, Odour, pH, Taste & Turbidity.

Ambient Air Quality Monitoring Report

REPORT NO.	IPL / AMB - AIR		
Name and Address	M/S. RAOSAHEBDADA PAWAR GHODGANGA SAHAKARI SAKHAR KARKHANA LTD. Raosaheb Nagar, A/P Nhavare, Tal – Shirur, Dist – Pune, Maharashtra		
Sample Description / Type	AMBIENT AIR	Sample Collected by	Our Representative
Sampling Location	WALAKI	Sample Quantity / Packing	1 X 1 No. G F Filter Paper 1 X 1 No. PTFE Filter Paper 25 ml X 4 No. PVC Bottle

Date of sampling	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	Nox (µg/m ³)	CO (mg/m ³)	Ozone (O ₃) (µg / m ³)	Mercury as Hg (ng / m ³)	HYDROCARBON	
								METHANE	NONMETHANE
National Ambient Air Quality Standards 18th November 2009	100 (24 hr)	60 (24 hr)	80 (24 hr)	80 (24 hr)	02 (8hr)	100 (8 hr)	--	--	--
02.03.2014	51.65	26.85	19.65	23.63	0.90	28.45	Absent	Absent	Absent
05.03.2014	49.65	24.85	18.41	23.25	0.87	27.34	Absent	Absent	Absent
09.03.2014	52.59	25.47	19.53	22.55	1.26	31.26	Absent	Absent	Absent
12.03.2014	51.28	24.35	17.85	20.28	0.80	29.54	Absent	Absent	Absent
16.03.2014	50.65	24.58	16.37	23.69	0.87	32.29	Absent	Absent	Absent
19.03.2014	52.56	25.57	17.86	20.21	0.96	29.56	Absent	Absent	Absent
23.03.2014	51.24	25.45	18.99	20.36	0.85	31.45	Absent	Absent	Absent
26.0.2014	53.21	27.54	15.73	25.54	1.12	28.56	Absent	Absent	Absent
06.04.2014	52.24	28.36	17.56	23.18	1.04	29.36	Absent	Absent	Absent
09.04.2014	53.28	26.61	19.06	22.19	0.97	30.27	Absent	Absent	Absent
13.04.2014	52.45	27.45	19.08	24.27	0.94	29.56	Absent	Absent	Absent
16.04.2014	53.18	28.14	19.16	20.13	0.89	31.54	Absent	Absent	Absent
20.04.2014	54..54	27.36	20.06	20.17	1.20	28.56	Absent	Absent	Absent
23.04.2014	54.56	28.14	18.26	22.32	0.86	29.65	Absent	Absent	Absent
27.04.2014	52.45	24.58	18.21	24.12	0.88	30.27	Absent	Absent	Absent
30.04.2014	50.45	24.08	17.56	20.23	0.90	31.32	Absent	Absent	Absent
03.05.2014	51.48	25.74	18.34	22.03	0.93	29.56	Absent	Absent	Absent
06.05.2014	50.26	27.36	19.28	24.02	1.26	30.65	Absent	Absent	Absent
10.05.2014	48.54	28.56	15.41	20.17	0.80	32.16	Absent	Absent	Absent
13.05.2014	51.45	25.39	16.32	21.85	0.95	29.58	Absent	Absent	Absent
17.05.2014	55.69	27.58	18.74	20.09	1.20	31.24	Absent	Absent	Absent
20.05.2014	54.58	26.58	19.21	22.39	0.88	30.49	Absent	Absent	Absent
24.05.2014	54.48	27.48	18.42	22.47	0.92	27.45	Absent	Absent	Absent
27.05.2014	53.56	26.56	16.93	25.88	0.95	29.56	Absent	Absent	Absent
Minimum	48.54	24.08	15.41	20.09	0.8	27.34			
Maximum	55.69	28.56	20.06	25.88	1.26	32.29			
Average	52.115	26.32	17.735	22.985	1.03	28.81			
98 th Percentile	55.20	28.46	19.87	25.72	1.26	32.23			

Ambient Air Quality Monitoring Report

REPORT NO.	IPL / AMB - AIR		
Name and Address	M/S. RAOSAHEBDADA PAWAR GHODGANGA SAHAKARI SAKHAR KARKHANA LTD. Raosaheb Nagar, A/P Nhavare, Tal – Shirur, Dist – Pune, Maharashtra		
Sample Description / Type	AMBIENT AIR	Sample Collected by	Our Representative
Sampling Location	KOKADEWADI	Sample Quantity / Packing	1 X 1 No. G F Filter Paper 1 X 1 No. PTFE Filter Paper 25 ml X 4 No. PVC Bottle

Date of sampling	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	Nox (µg/m ³)	CO (mg/m ³)	Ozone (O ₃) (µg / m ³)	Mercury as Hg (ng / m ³)	HYDROCARBON	
								METHANE	NONMETHANE
National Ambient Air Quality Standards 18th November 2009	100 (24 hr)	60 (24 hr)	80 (24 hr)	80 (24 hr)	02 (8 hr)	100 (8 hr)	--	--	--
02.03.2014	52.56	24.56	19.12	21.6	0.95	32.24	Absent	Absent	Absent
05.03.2014	50.58	24.58	18.23	20.85	0.86	29.85	Absent	Absent	Absent
09.03.2014	51.26	24.56	16.28	22.36	0.91	27.48	Absent	Absent	Absent
12.03.2014	48.69	25.48	17.23	24.21	0.89	25.86	Absent	Absent	Absent
16.03.2014	49.23	25.28	15.26	21.08	1.05	30.29	Absent	Absent	Absent
19.03.2014	52.69	24.59	16.23	22.36	1.12	33.28	Absent	Absent	Absent
23.03.2014	51.26	25.56	17.32	21.85	0.84	27.45	Absent	Absent	Absent
26.0.2014	49.65	24.59	18.26	20.41	0.86	30.58	Absent	Absent	Absent
06.04.2014	52.56	25.27	19.21	21.09	1.12	28.56	Absent	Absent	Absent
09.04.2014	51.26	23.58	15.36	22.36	0.95	31.28	Absent	Absent	Absent
13.04.2014	50.28	24.58	16.23	23.85	0.96	32.27	Absent	Absent	Absent
16.04.2014	49.28	25.28	17.28	49.28	0.82	29.38	Absent	Absent	Absent
20.04.2014	49.56	24.56	16.28	49.56	1.16	27.64	Absent	Absent	Absent
23.04.2014	50.65	24.56	15.56	50.65	0.98	31.28	Absent	Absent	Absent
27.04.2014	51.25	25.38	17.28	51.25	0.92	27.58	Absent	Absent	Absent
30.04.2014	49.26	24.58	19.15	49.26	0.96	26.59	Absent	Absent	Absent
03.05.2014	50.65	24.54	16.24	50.65	0.82	28.57	Absent	Absent	Absent
06.05.2014	51.30	25.28	15.28	51.30	0.92	31.26	Absent	Absent	Absent
10.05.2014	49.26	24.38	17.11	23.08	0.88	29.58	Absent	Absent	Absent
13.05.2014	50.65	23.58	16.14	23.14	1.06	32.58	Absent	Absent	Absent
17.05.2014	52.36	25.28	18.23	24.18	0.92	27.48	Absent	Absent	Absent
20.05.2014	51.65	24.56	15.32	20.89	0.95	32.29	Absent	Absent	Absent
24.05.2014	52.65	23.56	17.26	21.15	0.79	31.28	Absent	Absent	Absent
27.05.2014	49.39	25.48	18.36	22.36	0.90	30.26	Absent	Absent	Absent
Minimum	48.69	23.56	15.26	20.41	0.79	25.86			
Maximum	52.69	25.56	19.21	51.3	1.16	33.28			
Average	50.69	24.56	17.235	35.855	0.975	29.57			
98 th Percentile	52.67	25.52	19.18	51.27	1.14	32.95			

Ambient Air Quality Monitoring Report

REPORT NO.	IPL / AMB - AIR		
Name and Address	M/S. RAOSAHEBDADA PAWAR GHODGANGA SAHAKARI SAKHAR KARKHANA LTD. Raosaheb Nagar, A/P Nhavare, Tal – Shirur, Dist – Pune, Maharashtra		
Sample Description / Type	AMBIENT AIR	Sample Collected by	Our Representative
Sampling Location	NIMONE	Sample Quantity / Packing	1 X 1 No. G F Filter Paper 1 X 1 No. PTFE Filter Paper 25 ml X 4 No. PVC Bottle

Date of sampling	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	Nox (µg/m ³)	CO (mg/m ³)	Ozone (O ₃) (µg / m ³)	Mercury as Hg (ng / m ³)	HYDROCARBON	
								METHANE	NONMETHANE
National Ambient Air Quality Standards 18th November 2009	100 (24 hr)	60 (24 hr)	80 (24 hr)	80 (24 hr)	02 (8 hr)	100 (8 hr)	--	--	--
02.03.2014	51.06	25.18	18.56	22.16	0.74	30.25	Absent	Absent	Absent
05.03.2014	52.85	24.25	16.92	24.23	0.84	28.56	Absent	Absent	Absent
09.03.2014	52.26	26.14	15.21	21.47	0.90	26.58	Absent	Absent	Absent
12.03.2014	51.56	25.69	18.56	25.10	0.83	31.26	Absent	Absent	Absent
16.03.2014	51.56	24.89	18.34	21.12	0.85	29.58	Absent	Absent	Absent
19.03.2014	50.35	25.56	19.80	23.28	0.98	32.14	Absent	Absent	Absent
23.03.2014	52.26	24.45	16.31	21.49	0.76	26.89	Absent	Absent	Absent
26.0.2014	50.56	25.08	16.25	24.36	0.82	32.14	Absent	Absent	Absent
06.04.2014	51.56	24.45	17.63	20.87	1.16	28.49	Absent	Absent	Absent
09.04.2014	52.26	24.56	17.26	24.37	0.98	32.15	Absent	Absent	Absent
13. 04.2014	53.36	25.14	19.22	22.39	0.92	30.14	Absent	Absent	Absent
16. 04.2014	50.56	25.08	16.25	24.36	0.82	31.26	Absent	Absent	Absent
20. 04.2014	51.56	24.45	17.63	20.87	1.16	28.56	Absent	Absent	Absent
23. 04.2014	52.26	24.56	17.26	24.37	0.98	27.45	Absent	Absent	Absent
27. 04.2014	53.36	25.14	19.22	22.39	0.92	26.25	Absent	Absent	Absent
30. 04.2014	51.65	25.28	17.48	21.53	0.96	29.56	Absent	Absent	Absent
03.05.2014	49.35	24.28	15.41	21.36	0.82	31.26	Absent	Absent	Absent
06.05.2014	49.56	25.56	16.33	23.52	0.92	29.56	Absent	Absent	Absent
10.05.2014	51.58	24.56	18.45	21.14	0.88	27.45	Absent	Absent	Absent
13.05.2014	52.58	25.04	19.47	20.39	1.06	31.26	Absent	Absent	Absent
17.05.2014	54.48	27.48	18.42	22.47	0.92	28.56	Absent	Absent	Absent
20.05.2014	53.56	26.56	16.93	25.88	0.95	30.14	Absent	Absent	Absent
24.05.2014	53.58	25.08	16.74	21.46	0.79	27.45	Absent	Absent	Absent
27.05.2014	54.65	26.48	17.42	23.29	0.90	31.23	Absent	Absent	Absent
Minimum	49.35	24.25	15.21	20.39	0.74	26.25			
Maximum	54.65	27.48	19.8	25.88	1.16	32.15			
Average	52	25.865	17.505	23.135	0.95	29.2			
98 th Percentile	54.57	27.05	19.64	25.52	1.16	32.14			

Ambient Air Quality Monitoring Report

REPORT NO.	IPL / AMB - AIR		
Name and Address	M/S. RAOSAHEBDADA PAWAR GHODGANGA SAHAKARI SAKHAR KARKHANA LTD. Raosaheb Nagar, A/P Nhavare, Tal – Shirur, Dist – Pune, Maharashtra		
Sample Description / Type	AMBIENT AIR	Sample Collected by	Our Representative
Sampling Location	SHIRASGAON KATA	Sample Quantity / Packing	1 X 1 No. G F Filter Paper 1 X 1 No. PTFE Filter Paper 25 ml X 4 No. PVC Bottle

Date of sampling	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	Nox (µg/m ³)	CO (mg/m ³)	Ozone (O ₃) (µg / m ³)	Mercury as Hg (ng / m ³)	HYDROCARBON	
								METHANE	NONMETHANE
National Ambient Air Quality Standards 18 th November 2009	100 (24 hr)	60 (24 hr)	80 (24 hr)	80 (24 hr)	02 (8 hr)	100 (8 hr)	100 (24 hr)	--	--
02.03.2014	48.39	28.56	15.48	22.55	0.86	31.24	Absent	Absent	Absent
05.03.2014	52.14	26.56	19.21	22.10	0.89	29.54	Absent	Absent	Absent
09.03.2014	50.28	27.07	18.75	23.66	1.16	27.56	Absent	Absent	Absent
12.03.2014	52.56	28.56	16.23	24.13	1.06	28.54	Absent	Absent	Absent
16.03.2014	51.26	27.38	19.36	22.03	0.87	32.14	Absent	Absent	Absent
19.03.2014	49.26	27.18	16.31	22.14	0.89	30.24	Absent	Absent	Absent
23.03.2014	51.29	28.59	17.46	23.69	1.03	29.58	Absent	Absent	Absent
26.0.2014	50.58	27.89	15.20	21.88	0.90	27.45	Absent	Absent	Absent
06.04.2014	52.38	28.56	16.37	20.23	0.96	26.59	Absent	Absent	Absent
09.04.2014	50.29	25.56	18.70	25.04	1.13	29.58	Absent	Absent	Absent
13. 04.2014	50.26	27.36	19.28	24.02	1.26	31.27	Absent	Absent	Absent
16. 04.2014	48.54	28.56	15.41	20.17	0.80	32.18	Absent	Absent	Absent
20. 04.2014	51.45	25.39	16.32	21.85	0.95	30.28	Absent	Absent	Absent
23. 04.2014	52.45	28.56	17.45	24.30	0.91	27.56	Absent	Absent	Absent
27. 04.2014	49.45	26.35	17.25	22.74	0.80	28.69	Absent	Absent	Absent
30. 04.2014	51.25	25.45	20.02	22.31	1.08	26.59	Absent	Absent	Absent
03.05.2014	49.26	25.65	16.33	20.56	1.24	30.27	Absent	Absent	Absent
06.05.2014	52.45	24.58	18.21	24.12	0.88	32.15	Absent	Absent	Absent
10.05.2014	50.45	24.08	17.56	20.23	0.90	28.48	Absent	Absent	Absent
13.05.2014	51.48	25.74	18.34	22.03	0.93	29.35	Absent	Absent	Absent
17.05.2014	50.49	26.28	16.33	21.33	0.96	29.57	Absent	Absent	Absent
20.05.2014	49.56	28.56	15.45	20.38	1.12	31.36	Absent	Absent	Absent
24.05.2014	50.45	25.45	18.71	23.24	0.92	29.58	Absent	Absent	Absent
27.05.2014	51.45	26.65	19.63	25.26	0.72	30.14	Absent	Absent	Absent
Minimum	48.39	24.08	15.2	20.17	0.72	26.59			
Maximum	52.56	28.59	20.02	25.26	1.26	32.18			
Average	50.475	26.335	17.61	22.715	0.99	29.38			
98 th Percentile	52.5094	28.5762	19.8406	25.1588	1.2508	32.16			

Ambient Air Quality Monitoring Report

REPORT NO.	IPL / AMB - AIR		
Name and Address	M/S. RAOSAHEBDADA PAWAR GHODGANGA SAHAKARI SAKHAR KARKHANA LTD. Raosaheb Nagar, A/P Nhavare, Tal – Shirur, Dist – Pune, Maharashtra		
Sample Description / Type	AMBIENT AIR	Sample Collected by	Our Representative
Sampling Location	PARGAON	Sample Quantity / Packing	1 X 1 No. G F Filter Paper 1 X 1 No. PTFE Filter Paper 25 ml X 4 No. PVC Bottle

Date of sampling	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	Nox (µg/m ³)	CO (mg/m ³)	Ozone (O ₃) (µg / m ³)	Mercury as Hg (ng / m ³)	HYDROCARBON	
								METHANE	NONMETHANE
National Ambient Air Quality Standards 18th November 2009	100 (24 hr)	60 (24 hr)	80 (24 hr)	80 (24 hr)	02 (8 hr)	100 (8 hr)	--	--	--
02.03.2014	50.56	24.00	15.23	20.29	0.89	29.86	Absent	Absent	Absent
05.03.2014	51.54	23.36	18.21	23.24	0.96	27.48	Absent	Absent	Absent
09.03.2014	49.58	24.54	17.28	24.15	1.11	30.26	Absent	Absent	Absent
12.03.2014	50.29	25.48	18.56	25.13	1.08	26.58	Absent	Absent	Absent
16.03.2014	49.56	24.56	20.32	22.33	0.90	32.14	Absent	Absent	Absent
19.03.2014	50.54	24.56	15.23	20.16	0.85	28.69	Absent	Absent	Absent
23.03.2014	52.56	25.56	17.41	22.56	1.10	30.26	Absent	Absent	Absent
26.0.2014	51.25	24.14	16.32	24.71	0.92	31.28	Absent	Absent	Absent
06.04.2014	52.45	24.85	17.28	21.25	0.98	27.59	Absent	Absent	Absent
09.04.2014	49.14	23.14	19.63	24.70	1.05	29.56	Absent	Absent	Absent
13. 04.2014	51.54	23.06	20.21	25.02	1.20	31.24	Absent	Absent	Absent
16. 04.2014	49.58	24.16	19.36	23.02	0.82	30.15	Absent	Absent	Absent
20. 04.2014	51.56	23.54	18.45	24.15	0.91	29.54	Absent	Absent	Absent
23. 04.2014	50.47	24.48	16.23	25.32	0.90	28.47	Absent	Absent	Absent
27. 04.2014	49.25	23.36	16.12	23.02	0.83	31.26	Absent	Absent	Absent
30. 04.2014	51.45	24.65	20.23	20.14	1.03	30.14	Absent	Absent	Absent
03.05.2014	48.61	24.15	15.13	23.25	1.12	30.06	Absent	Absent	Absent
06.05.2014	51.56	23.56	17.18	20.14	0.92	28.56	Absent	Absent	Absent
10.05.2014	50.54	25.65	18.23	21.03	0.96	26.56	Absent	Absent	Absent
13.05.2014	50.56	24.56	17.56	24.12	0.90	30.26	Absent	Absent	Absent
17.05.2014	49.35	25.26	20.13	22.33	1.13	27.56	Absent	Absent	Absent
20.05.2014	48.64	23.26	16.31	21.03	1.06	26.35	Absent	Absent	Absent
24.05.2014	50.65	24.38	17.26	21.30	0.90	29.58	Absent	Absent	Absent
27.05.2014	49.54	25.86	19.88	24.23	0.78	30.24	Absent	Absent	Absent
Minimum	48.61	23.06	15.13	20.14	0.78	26.35			
Maximum	52.56	25.86	20.32	25.32	1.2	32.14			
Average	50.585	24.46	17.725	22.73	0.99	29.24			
98 th Percentile	52.5094	25.7634	20.2786	25.2326	1.1678	31.74			

Ambient Air Quality Monitoring Report

REPORT NO.	IPL / AMB - AIR		
Name and Address	M/S. RAOSAHEBDADA PAWAR GHODGANGA SAHAKARI SAKHAR KARKHANA LTD. Raosaheb Nagar, A/P Nhavare, Tal – Shirur, Dist – Pune, Maharashtra		
Sample Description / Type	AMBIENT AIR	Sample Collected by	Our Representative
Sampling Location	NIRVI	Sample Quantity / Packing	1 X 1 No. G F Filter Paper 1 X 1 No. PTFE Filter Paper 25 ml X 4 No. PVC Bottle

Date of sampling	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	Nox (µg/m ³)	CO (mg/m ³)	Ozone (O ₃) (µg / m ³)	Mercury as Hg (ng / m ³)	HYDROCARBON	
								METHANE	NONMETHANE
National Ambient Air Quality Standards 18th November 2009	100 (24 hr)	60 (24 hr)	80 (24 hr)	80 (24 hr)	02 (8 hr)	100 (8 hr)	--	--	--
02.03.2014	50.45	25.87	16.32	24.71	0.93	28.54	Absent	Absent	Absent
05.03.2014	49.58	24.48	18.26	21.45	0.98	32.24	Absent	Absent	Absent
09.03.2014	52.58	25.54	19.38	23.67	1.08	27.45	Absent	Absent	Absent
12.03.2014	51.58	24.65	18.03	23.65	0.97	32.18	Absent	Absent	Absent
16.03.2014	51.75	25.58	20.02	24.87	0.96	30.15	Absent	Absent	Absent
19.03.2014	50.28	24.36	16.35	23.88	0.88	31.26	Absent	Absent	Absent
23.03.2014	49.45	24.85	19.63	24.54	1.12	28.45	Absent	Absent	Absent
26.0.2014	49.14	25.47	17.18	23.28	1.03	27.45	Absent	Absent	Absent
06.04.2014	51.28	23.52	16.48	23.57	1.00	26.59	Absent	Absent	Absent
09.04.2014	52.56	24.58	17.42	23.06	1.23	31.24	Absent	Absent	Absent
13.04.2014	52.59	25.47	19.53	22.55	1.08	32.54	Absent	Absent	Absent
16.04.2014	51.28	24.35	17.85	20.28	0.97	27.56	Absent	Absent	Absent
20.04.2014	50.65	24.58	16.37	23.69	0.96	26.59	Absent	Absent	Absent
23.04.2014	52.56	25.57	17.86	20.21	1.08	31.25	Absent	Absent	Absent
27.04.2014	51.24	25.45	18.99	20.36	0.97	30.16	Absent	Absent	Absent
30.04.2014	52.58	26.37	15.30	22.15	0.97	28.56	Absent	Absent	Absent
03.05.2014	51.26	24.45	17.82	24.54	0.96	30.24	Absent	Absent	Absent
06.05.2014	50.26	25.54	18.16	21.28	0.88	31.26	Absent	Absent	Absent
10.05.2014	51.65	26.85	19.65	23.63	1.12	27.56	Absent	Absent	Absent
13.05.2014	49.65	24.85	18.41	23.25	1.03	29.56	Absent	Absent	Absent
17.05.2014	49.36	25.28	15.18	21.35	1.00	30.26	Absent	Absent	Absent
20.05.2014	51.56	25.56	16.08	20.17	1.23	31.28	Absent	Absent	Absent
24.05.2014	49.28	26.14	17.26	23.65	0.97	32.16	Absent	Absent	Absent
27.05.2014	49.58	25.85	16.31	23.20	0.96	30.17	Absent	Absent	Absent
Minimum	49.14	23.52	15.18	20.17	0.88	26.69			
Maximum	52.59	26.85	20.02	24.87	1.23	32.54			
Average	50.865	25.185	17.6	22.52	1.055	29.56			
98 th Percentile	52.5854	26.6292	19.8498	24.7964	1.23	32.40			

Ambient Air Quality Monitoring Report

REPORT NO.	IPL / AMB - AIR		
Name and Address	M/S. RAOSAHEBDADA PAWAR GHODGANGA SAHAKARI SAKHAR KARKHANA LTD. Raosaheb Nagar, A/P Nhavare, Tal – Shirur, Dist – Pune, Maharashtra		
Sample Description / Type	AMBIENT AIR	Sample Collected by	Our Representative
Sampling Location	AMBLE	Sample Quantity / Packing	1 X 1 No. G F Filter Paper 1 X 1 No. PTFE Filter Paper 25 ml X 4 No. PVC Bottle

Date of sampling	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	Nox (µg/m ³)	CO (mg/m ³)	Ozone (O ₃) (µg / m ³)	Mercury as Hg (ng / m ³)	HYDROCARBON	
								METHANE	NONMETHANE
National Ambient Air Quality Standards 18th November 2009	100 (24 hr)	60 (24 hr)	80 (24 hr)	80 (24 hr)	02 (8 hr)	100 (8 hr)	--	--	--
02.03.2014	55.36	27.65	19.37	20.45	0.85	27.45	Absent	Absent	Absent
05.03.2014	54.25	28.58	20.10	24.22	1.10	26.54	Absent	Absent	Absent
09.03.2014	55.65	28.85	15.42	24.17	0.94	26.39	Absent	Absent	Absent
12.03.2014	55.35	27.56	19.45	23.17	0.97	29.86	Absent	Absent	Absent
16.03.2014	54.28	28.25	16.62	23.64	1.06	27.48	Absent	Absent	Absent
19.03.2014	55.56	29.56	17.28	24.47	1.02	29.56	Absent	Absent	Absent
23.03.2014	54.35	27.36	18.29	22.20	1.14	28.47	Absent	Absent	Absent
26.0.2014	53.25	28.08	18.74	23.47	0.95	26.59	Absent	Absent	Absent
06.04.2014	54.28	28.25	16.62	23.64	1.06	27.38	Absent	Absent	Absent
09.04.2014	55.56	28.24	15.26	21.96	0.82	28.69	Absent	Absent	Absent
13. 04.2014	55.28	27.35	19.06	22.37	0.90	26.35	Absent	Absent	Absent
16. 04.2014	54.56	26.54	17.49	25.18	0.83	27.45	Absent	Absent	Absent
20. 04.2014	53.28	28.58	15.51	20.19	0.85	29.56	Absent	Absent	Absent
23. 04.2014	55.56	27.14	18.59	25.16	1.08	28.65	Absent	Absent	Absent
27. 04.2014	53.28	26.61	19.06	22.19	0.97	27.45	Absent	Absent	Absent
30. 04.2014	52.45	27.45	19.08	24.27	0.94	26.48	Absent	Absent	Absent
03.05.2014	53.18	28.14	19.16	20.13	0.89	27.46	Absent	Absent	Absent
06.05.2014	54..54	27.36	20.06	20.17	1.20	28.65	Absent	Absent	Absent
10.05.2014	54.56	28.14	18.26	22.32	0.86	29.24	Absent	Absent	Absent
13.05.2014	54.14	27.28	16.09	22.18	0.93	28.65	Absent	Absent	Absent
17.05.2014	54.65	26.52	15.14	20.88	1.05	28.49	Absent	Absent	Absent
20.05.2014	55.18	27.35	18.41	24.28	1.12	29.56	Absent	Absent	Absent
24.05.2014	54.28	26.45	19.36	22.16	0.96	28.35	Absent	Absent	Absent
27.05.2014	53.21	27.54	15.73	25.54	1.12	27.35	Absent	Absent	Absent
Minimum	53.21	26.45	15.14	20.88	0.86	27.35			
Maximum	55.18	28.14	19.36	25.54	1.12	29.56			
Average	54.195	27.295	17.25	23.21	0.99	28.45			
98 th Percentile	55.6104	29.2334	20.0816	25.3744	1.1724	29.72			

Ambient Air Quality Monitoring Report

REPORT NO.	IPL / AMB - AIR		
Name and Address	M/S. RAOSAHEBDADA PAWAR GHODGANGA SAHAKARI SAKHAR KARKHANA LTD. Raosaheb Nagar, A/P Nhavare, Tal – Shirur, Dist – Pune, Maharashtra		
Sample Description / Type	AMBIENT AIR	Sample Collected by	Our Representative
Sampling Location	PROJECT SITE	Sample Quantity / Packing	1 X 1 No. G F Filter Paper 1 X 1 No. PTFE Filter Paper 25 ml X 4 No. PVC Bottle

Date of sampling	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	Nox (µg/m ³)	CO (mg/m ³)	Ozone (O ₃) (µg / m ³)	Mercury as Hg (ng / m ³)	HYDROCARBON	
								METHANE	NONMETHANE
National Ambient Air Quality Standards 18 th November 2009	100 (24 hr)	60 (24 hr)	80 (24 hr)	80 (24 hr)	02 (8 hr)	100 (8 hr)	--	--	--
02.03.2014	48.21	24.23	17.28	21.6	0.92	28.65	Absent	Absent	Absent
05.03.2014	49.56	23.52	16.28	20.85	0.85	29.36	Absent	Absent	Absent
09.03.2014	53.26	24.42	15.56	22.36	0.91	30.29	Absent	Absent	Absent
12.03.2014	52.41	23.37	17.28	24.21	0.89	28.36	Absent	Absent	Absent
16.03.2014	49.20	23.57	19.15	22.08	1.05	29.34	Absent	Absent	Absent
19.03.2014	50.65	24.54	16.24	21.36	1.12	30.14	Absent	Absent	Absent
23.03.2014	51.30	25.28	15.28	21.85	0.84	28.45	Absent	Absent	Absent
26.0.2014	49.26	24.38	17.11	24.09	0.79	29.52	Absent	Absent	Absent
06.04.2014	50.63	23.56	16.14	23.14	0.94	28.36	Absent	Absent	Absent
09.04.2014	52.32	25.26	18.23	24.18	1.02	30.28	Absent	Absent	Absent
13. 04.2014	51.65	24.56	15.32	20.89	0.89	30.65	Absent	Absent	Absent
16. 04.2014	53.65	23.56	17.26	21.15	0.87	29.56	Absent	Absent	Absent
20. 04.2014	49.39	25.42	18.14	22.36	0.92	29.21	Absent	Absent	Absent
23. 04.2014	52.56	24.63	19.14	21.45	0.79	30.26	Absent	Absent	Absent
27. 04.2014	52.63	24.58	18.20	23.15	0.87	28.56	Absent	Absent	Absent
30. 04.2014	51.63	24.56	16.28	23.17	0.92	28.05	Absent	Absent	Absent
03.05.2014	46.60	25.48	17.23	21.36	0.82	30.23	Absent	Absent	Absent
06.05.2014	48.20	25.28	15.26	22.15	0.86	28.63	Absent	Absent	Absent
10.05.2014	51.67	23.59	16.23	22.57	0.92	29.25	Absent	Absent	Absent
13.05.2014	51.26	25.56	17.32	20.15	0.77	30.18	Absent	Absent	Absent
17.05.2014	49.65	24.59	18.26	21.40	0.84	30.65	Absent	Absent	Absent
20.05.2014	52.56	25.27	19.21	21.09	1.10	29.56	Absent	Absent	Absent
24.05.2014	51.26	23.58	15.36	22.36	0.96	30.28	Absent	Absent	Absent
27.05.2014	50.30	24.58	16.37	23.85	0.94	29.65	Absent	Absent	Absent
Minimum	46.6	23.37	15.26	20.15	0.77	28.05			
Maximum	53.65	25.56	19.21	24.21	1.12	30.65			
Average	50.125	24.465	17.235	22.18	0.945	29.35			
98 th Percentile	53.4706	25.5232	19.1824	24.1962	1.1108	30.65			