

JAYPEE HIMACHAL CEMENT GRINDING AND BLENDING UNIT, BAGHERI
(A UNIT OF JAIPRAKASH ASSOCIATES LTD.)
AMBIENT AIR QUALITY MONITORING REPORT
Monthly Report (November -2012)

PARTICULARS	RSPM(PM ₁₀) µg/m ³	RSPM(PM _{2.5}) µg/m ³	SO ₂ µg/m ³	NO _x µg/m ³
LOCATION: 1 NEAR TOWNSHIP				
Minimum	44.42	16.72	1.96	8.37
Maximum	66.08	33.64	5.28	11.08
Average	57.62	26.13	3.15	9.53
LOCATION 2: NEAR DEHNI VILLAGE				
Minimum	51.42	16.72	2.14	9.36
Maximum	69.15	37.84	4.52	11.76
Average	59.50	26.11	3.29	10.74
LOCATION 3: NEAR PADIYANA VILLAGE				
Minimum	52.30	16.7	1.86	9.36
Maximum	70.48	37.89	3.29	12.84
Average	59.48	27.50	2.58	11.01

JAYPEE HIMACHAL CEMENT GRINDING AND BLENDING UNIT, BAGHERI
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AMBIENT NOISE LEVEL MEASUREMENT REPORT
MONTHLY REPORT (November, 2012)

LOCATION: 1 NEAR ADMIN BLOCK(Plant boundary)		
PARTICULARS	NOISE LEVEL dB(A)	
	DAY TIME	NIGHT TIME
Minimum	69.40	63.80
Maximum	70.40	65.90
Average	69.95	64.63
LOCATION 2: NEAR PANDYANA VILLAGE		
Minimum	51.90	44.10
Maximum	53.80	44.60
Average	52.65	44.35
LOCATION 3: NEAR TOWNSHIP		
Minimum	50.40	43.80
Maximum	52.00	44.20
Average	51.10	43.98
LOCATION 4: NEAR BAGHERI VILLAGE		
Minimum	48.70	43.00
Maximum	50.10	44.30
Average	49.45	43.80
LOCATION 5: NEAR DEHNI VILLAGE		
Minimum	49.70	43.60
Maximum	51.40	44.80
Average	50.65	44.13

JAYPEE HIMACHAL CEMENT GRINDING AND BLENDING UNIT, BAGHERI
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SEWAGE TREATMENT PLANT REPORT
MONTHLY REPORT (November'2012)

SNo.	Parameters	Testing Values (After Treatment)		
		Minimum	Maximum	Average
1	pH	7.48	7.56	7.52
2	BOD	13.00	18.00	15.50
3	COD	86.00	104.00	95.50
4	TSS	18.00	28.00	23.25
5	Chloride	40.00	44.00	42.00
6	Oil & Grease	Negligible	Negligible	Negligible

Note: All parameters are in mg/litr, except pH
:Treated water is used in green belt & Horticulture.

JAYPEE HIMACHAL CEMENT GRINDING AND BLENDING UNIT, BAGHERI
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Ground Water (borewell) Quality Analysis Report
MONTHLY REPORT (November, 2012)

SNo.	Parameters	Minimum	Maximum	Average
1	pH	7.24	7.32	7.29
2	Total Hardness as CaCo3(mg/L)	240.00	250.00	246.00
3	Chloride as Cl (mg/L)	14.00	16.00	15.25
4	Dissolved Solids(mg/L)	296.00	310.00	301.50

JAYPEE HIMACHAL CEMENT GRINDING AND BLENDING UNIT, BAGHERI

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STACK MONITORING REPORT

MONTHLY REPORT (November'2012)

PARTICULARS	stack gas Temp. (°K)	Stack gases velocity (m/sec)	Dust Conc. (mg/Nm³)
Minimum	347.0	4.12	13.78
Maximum	349.0	4.30	17.50
Average	348.0	4.21	16.10



International Testing Centre

(A Government Approved Test House)

86, Industrial Area, Phase-I, Panchkula-134109 (Haryana)

Phone : (O) 0172-2561543, 2565825, Fax : 91-172-2561543

Visit us : www.itclabs.com; E-mail : itc86@yahoo.com



TEST CERTIFICATE

QF: 2501

ISSUED TO: M/S JAYPEE HIMACHAL CEMENT GRINDING & BLENDING UNIT, VILLAGE: BAGHERI, P.O. KHILLIAN, TEHSIL: NALAGARH, DISTT: SOLAN-174101 (H.P.)

Report No. : W-08N0612
Dated : 19.11.2012
Party Ref. : Letter
Dated : 07.11.2012

Sample description: One Filter paper No. 8464261 containing air sample collected by party on 05.11.2012 from Location: Township was submitted to lab on 08.11.2012

TEST RESULTS

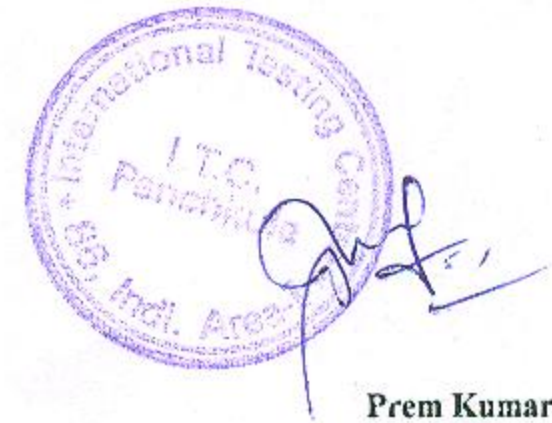
NO.	PARAMETER	METHOD	*STANDARDS	RESULT
1.	Lead as Pb, $\mu\text{g}/\text{m}^3$	APHA-Air by AAS	1.0 Max.	ND (0.1)
2.	Nickel as Ni, ng/m^3	APHA-Air by AAS	20 Max.	ND (1.0)
3.	Arsenic as As, ng/m^3	APHA-Air by AAS	6 Max.	ND (1.0)

*EPA-1986, PCLS/02/2010

ND-Not Detectable, figure shown in bracket indicate method detection limit.

DOR: 08.11.2012
DOC: 19.11.2012

- End of Report -



Prem Kumar
Tech. Manager (Env.)

- NOTE:** 1. The results listed refer only to tested sample and applicable parameters. 2. Sample was not drawn by lab.
3. This certificate is not to be reproduced wholly or in parts promotional publicity or legal purpose without permission of authority of Testing Centre.
4. Sample consumed in testing.



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TEST CERTIFICATE

QF: 2501

ISSUED TO: M/S JAYPEE HIMACHAL CEMENT GRINDING & BLENDING UNIT, VILLAGE: BAGHERI, P.O. KHILLIAN, TEHSIL: NALAGARH, DISTT: SOLAN-174101 (H.P.)	Report No. : W-08N0712 Dated : 19.11.2012 Party Ref. : Letter Dated : 07.11.2012
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Sample description: One Filter paper No. 8464260 containing air sample collected by party on 05.11.2012 from Location: Pandiyana was submitted to lab on 08.11.2012

TEST RESULTS

NO.	PARAMETER	METHOD	*STANDARDS	RESULT
1.	Lead as Pb, $\mu\text{g}/\text{m}^3$	APHA-Air by AAS	1.0 Max.	ND (0.1)
2.	Nickel as Ni, ng/m^3	APHA-Air by AAS	20 Max.	ND (1.0)
3.	Arsenic as As, ng/m^3	APHA-Air by AAS	6 Max.	ND (1.0)

*EPA-1986, PCLS/02/2010

ND-Not Detectable, figure shown in bracket indicate method detection limit.

DOR: 08.11.2012
DOC: 19.11.2012

- End of Report -



Prem Kumar
Tech. Manager (Env.)

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TEST CERTIFICATE

QF: 2501

ISSUED TO: M/S JAYPEE HIMACHAL CEMENT GRINDING & BLENDING UNIT, VILLAGE: BAGHERI, P.O. KHILLIAN, TEHSIL: NALAGARH, DISTT: SOLAN-174101 (H.P.)	Report No. : W-08N0812
	Dated : 19.11.2012
	Party Ref. : Letter
	Dated : 07.11.2012

Sample description: One Filter paper No. 8464259 containing air sample collected by party on 05.11.2012 from Location: Dehni was submitted to lab on 08.11.2012

TEST RESULTS

NO.	PARAMETER	METHOD	*STANDARDS	RESULT
1.	Lead as Pb, $\mu\text{g}/\text{m}^3$	APHA-Air by AAS	1.0 Max.	ND (0.1)
2.	Nickel as Ni, ng/m^3	APHA-Air by AAS	20 Max.	ND (1.0)
3.	Arsenic as As, ng/m^3	APHA-Air by AAS	6 Max.	ND (1.0)

*EPA-1986, PCLS/02/2010

ND-Not Detectable, figure shown in bracket indicate method detection limit.

DOR: 08.11.2012
DOC: 19.11.2012

- End of Report -



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Tech. Manager (Env.)

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 - Sample consumed in testing.