

JAYPEE HIMACHAL CEMENT PLANT - BAGA (ARKI) SOLAN HP
(A UNIT OF JAIPRAKASH ASSOCIATES LTD.)
AMBIENT NOISE LEVEL MONITORING AT PLANT / MINE SITE & AT CORE ZONE
MONTHLY REPORT (September' 2016)

Location 1 :- 1370 MSL (Near Main Plant Area; at Panali)

DATE	NOISE LEVEL dB(A)	
	DAY TIME	NIGHT TIME
02.09.16	64.5	60.8
06.09.16	66.3	62.6
09.09.16	64.1	60.2
15.09.16	62.2	59.0
18.09.16	68.5	65.4
22.09.16	59.2	56.2
25.09.16	60.4	56.4
28.09.16	65.3	61.4
30.09.16	69.1	66.0
Maximum	69.10	66.00
Minimum	59.20	56.20
Average	64.40	60.89
Standard Deviation	3.378	3.461
Coefficient of Variation	0.052	0.057

Location 2 :- 1260 MSL (Near Cement Mill Area, at Baga)

DATE	NOISE LEVEL dB(A)	
	DAY TIME	NIGHT TIME
02.09.16	50.3	43.6
06.09.16	54.5	44.8
09.09.16	52.3	42.4

15.09.16	51.5	44.3
18.09.16	49.4	43.8
22.09.16	53.2	42.2
25.09.16	54.6	40.6
28.09.16	52.5	42.6
30.09.16	54.3	41.2
Maximum	54.60	44.80
Minimum	49.40	40.60
Average	52.51	42.84
Standard Deviation	1.859	1.406
Coefficient of Variation	0.035	0.033

Location 3 :- Challan (Near Bhalag Crusher at Mine area)

DATE	NOISE LEVEL dB(A)	
	DAY TIME	NIGHT TIME
02.09.16	62.59	59.51
06.09.16	63.54	60.27
09.09.16	64.53	61.69
15.09.16	65.21	61.44
18.09.16	64.25	60.66
22.09.16	63.36	60.84
25.09.16	61.20	57.22
28.09.16	63.36	60.36
30.09.16	61.25	57.54
Maximum	65.21	61.69
Minimum	61.20	57.22
Average	63.25	59.95

Standard Deviation	1.380	1.592
Coefficient of Variation	0.022	0.027

Location 4 :- Baga (Near worker Mess, Basant Kunj)

DATE	NOISE LEVEL dB(A)	
	DAY TIME	NIGHT TIME
02.09.16	50.36	44.51
06.09.16	51.22	42.36
09.09.16	53.36	41.36
15.09.16	50.55	39.64
18.09.16	48.51	41.25
22.09.16	46.66	42.33
25.09.16	49.62	41.69
28.09.16	47.55	42.33
30.09.16	53.32	38.96
Maximum	53.36	44.51
Minimum	46.66	38.96
Average	50.13	41.60
Standard Deviation	2.335	1.624
Coefficient of Variation	0.047	0.039

Location 5 :- Nerri- Jajjar (Near Township at Dhartatoh)

DATE	NOISE LEVEL dB(A)	
	DAY TIME	NIGHT TIME
02.09.16	49.4	42.8
06.09.16	52.1	43.2
09.09.16	49.2	44.6
15.09.16	54.5	42.0

18.09.16	50.2	44.2
22.09.16	50.2	41.9
25.09.16	51.4	42.3
28.09.16	51.2	41.5
30.09.16	50.1	40.1
Maximum	54.50	44.60
Minimum	49.20	40.10
Average	50.93	42.51
Standard Deviation	1.639	1.378
Coefficient of Variation	0.032	0.032

Location 6 :- Kandhar

DATE	NOISE LEVEL dB(A)	
	DAY TIME	NIGHT TIME
02.09.16	53.5	42.6
06.09.16	51.6	39.6
09.09.16	52.4	42.8
15.09.16	51.6	42.6
18.09.16	50.9	44.1
22.09.16	50.9	42.3
25.09.16	53.3	43.3
28.09.16	52.6	42.6
30.09.16	54.1	44.1
Maximum	54.10	44.10
Minimum	50.90	39.60
Average	52.33	42.66

Standard Deviation	1.153	1.328
Coefficient of Variation	0.022	0.031

Location 7 :- Sehnali

DATE	NOISE LEVEL dB(A)	
	DAY TIME	NIGHT TIME
02.09.16	62.60	59.46
06.09.16	59.96	56.58
09.09.16	62.54	59.61
15.09.16	63.21	60.59
18.09.16	60.59	57.18
22.09.16	58.69	55.69
25.09.16	62.36	59.51
28.09.16	60.36	54.55
30.09.16	58.99	55.20
Maximum	63.21	60.59
Minimum	58.69	54.55
Average	61.03	57.60
Standard Deviation	1.684	2.236
Coefficient of Variation	0.028	0.039

Location 8 :- WTP (Near Shalughat)

DATE	NOISE LEVEL dB(A)	
	DAY TIME	NIGHT TIME
02.09.16	52.9	41.0
06.09.16	54.1	41.5
09.09.16	52.6	42.9
15.09.16	50.6	43.1

18.09.16	51.1	41.5
22.09.16	53.6	38.9
25.09.16	50.7	42.3
28.09.16	54.1	41.5
30.09.16	52.8	39.9
Maximum	54.10	43.10
Minimum	50.60	38.90
Average	52.50	41.40
Standard Deviation	1.386	1.353
Coefficient of Variation	0.026	0.033