

BHILAI JAYPEE CEMENT LIMITED

Babupur (SATNA) MP-485112

FORMAT - 1

DATA SHEET FOR PARTICULATE MATTER EMISSION FROM POINT SOURCE FOR THE MONTH OF : APR - SEP -2012

DATE / MONTH	Unit No.	Cross sect - ional area of stack (M2)	Stack Temp. (Ok)	Velocity (m /sec)	Flow Nm3 / sec	Emission concentration Mg/Nm3	Mean emission Concentration Mg/Nm3	Emission (T / day)	Dust Load gms/Ts of feed	Load MW/T Production(T)	Remarks
Apr -- 12	Kiln & Raw Mill BH Stack	13.8600	448	9.50	83.44	24.48	19.97	0.152	30.101		
May -- 12		"	445	9.47	83.72	15.11					
Jun -- 12		"	449	9.19	80.47	18.53					
Jul -- 12		"	382	9.65	99.44	20.62					
Aug -- 12		"	398	8.92	88.17	23.64					
Sep -- 12		"	418	<u>9.82</u>	<u>92.39</u>	17.42					
				9.42	87.94	Dust Load (GM/Hr)	6321.12				
Apr -- 12	Cooler ESP Stack	9.6250	518	10.36	55.38	18.60	17.52	0.085	26.026		
May -- 12		"	525	10.43	55.01	16.25					
Jun -- 12		"	522	10.61	56.28	14.64					
Jul -- 12		"	478	8.80	51.02	15.17					
Aug -- 12		"	468	9.83	58.16	18.19					
Sep -- 12		"	493	<u>10.61</u>	<u>59.62</u>	22.27					
				10.11	55.91	Dust Load (Gms/Hr)	3526.55				
Apr -- 12	Coal Mill BH Stack	2.2707	353	8.01	14.73	21.31	19.97	0.026	28.062		
May -- 12		"	357	8.06	14.64	18.89					
Jun -- 12		"	361	8.43	15.15	19.16					
Jul -- 12		"	348	8.43	12.90	23.94					
Aug -- 12		"	336	8.19	15.29	19.98					
Sep -- 12		"	347	8.71	<u>16.30</u>	16.54					
				8.30	14.83	Dust Load (Gms/Hr)	1066.35				
Apr -- 12	Limestone Crusher BDC	1.1314	321	7.99	8.11	15.53	17.27	0.012	1.245		
May -- 12		"	319	7.97	8.13	19.48					
Jun -- 12		"	318	8.22	8.41	16.70					
Jul -- 12		"	312	8.22	7.79	17.14					
Aug -- 12		"	308	7.72	8.16	16.06					
Sep -- 12		"	317	7.25	<u>7.45</u>	18.72					
				7.89	8.01	Dust Load (Gms/Hr)	497.94	Load Based Norms (227gms/T of feed)		85.43	

S R JHA
Dy. Manager (Environment)

C. K Shrivastav
Dy. GM (Process & QC)