

AKANKSHA ANALYTICAL & RESEARCH LAB

Environment Laboratory Recognized by MoEF, Govt. New Delhi,
Under E.P. Act 1986, vide GR No. S.O. 1680 (E) Sr. No. 63
An ISO 9001:2008, OHSAS18001:2007 Certified company
Approved from "AGMARK" Vide fileNo.11036/15/99/Lab./2727



SAMPLING REPORT

(AMBIENT AIR QUALITY ANALYSIS)

Name of the Customer	Shree Datta Sakhar Karkhana (A Unit of Dalmia Bharat Sugar Industries Ltd) A/P Asurle Porle Taluka Panhala Dist Kolhapur.
Inward No Date Of Sampling	AL/5-533/1/17-18 05/01/2017
Outward No. Date Of Report	AL/TR/10-114/17-18 08/01/2017
Application	Fugitive emission study
Location of Sampling	SAMPLING STATIONS are as follows 1. Baggase yard storage area 2. Distillation house. 3. Came yard 4. Sugar godown area

	LOCATION OF SAMPLING	STATION I	STATION II	STATION III	STATION IV
Sr.	PARAMETERS				
01	Location of Sampling	1	2	3	4
02	Sampling Date	05/01/2017			
03	Ambient Temperature Deg C	31.0			
04	Initial flow rate for sampling M3/Min	1.60	1.65	1.70	1.60
05	Final flow rate for sampling M3/Min	1.55	1.50	1.65	1.55
06	Sampling Duration in Min.	1440	1440	1440	1440
07	Total air volume sampled in M3	2268	2268	2412	2268
08	Particulate Matter (PM 10) µg/Nm3	79.0	72.5	76.2	81.6
09	Particulate Matter (PM 2.5) µg/Nm3	28.8	26.2	29.1	36.5
10	Sulfur Oxides (SO2) in µg/Nm3	24.9	29.3	28.6	30.3
11	Nitrogen Oxides (NOx) in µg/Nm3	22.6	21.1	22.8	23.4
12	CO µg/Nm3	128	127	132	138
13	HC (Methane) µg/Nm3	BDL	BDL	BDL	BDL

For Akanksha Analytical & Research Lab

S. A. Vamshi

(Lab In Charge)