



TAMILNADU POLLUTION CONTROL BOARD
Advanced Environmental Laboratory, Chennai - 600 032.

From	To
Thiru. R.Mohan M.Sc.,M.B.A., Assistant Director (Lab), Tamil Nadu Pollution Control Board, No: 76, Mount Salai, Guindy, Chennai - 600 032.	✓ M / s Momentive Performance Material (India) Pvt. Ltd., B - 3, SIPCOT Industrial Growth Centre, Oragadam, Sripermbudur - Taluk, Kancheepuram - 602 105.

Report No. TNPCB/AEL - CHN/ 17 /AAQS/SM/NLS/2013 - 2014 Dated: 19.07.2013

Sir,

Sub: Furnishing of Report of Analysis of Ambient Air Quality /
Stack Monitoring / Noise Level survey – regarding.

Ref: Cash Receipt No: 89013, Dt: 19.06.2013. For Rs. 92200

I am sending herewith the Report of analysis of Ambient Air Quality /
Stack monitoring and Ambient Noise level survey conducted in the vicinity of your unit on
11.07.2013 along with the bill for an amount of Rs. 92,200 (Ninety Two Thousand
and two hundred only) towards the charges for the above survey.

Kindly acknowledge the receipt of the above report.


Assistant Director (Lab)

Please Refer BILL.

Encl: As above

1. Copy to The District Environmental Engineer, Padappai.
2. Copy submitted to The Deputy Director (Labs), TNPCB, Chennai - 600 032.
3. To file.



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AMBIENT AIR QUALITY SURVEY – Report of Analysis

Report No. TNPCB/AEL - CHN/ 17 /AAQS/SM/NLS/2013 - 2014 Dated: 19.07.2013

1	Name and Address of the Industry:	M / s Momentive Performance Material (India) Pvt. Ltd., B - 3, SIPCOT Industrial Growth Centre, Oragadam, Sripermbudur - Taluk, Kancheepuram - 602 105.
2	Date of Survey:	11.07.2013
3	Duration of Survey:	8 Hrs
4	Category:	Red Large
5	Land Use Classification:	Industrial

Meteorological Conditions

Ambient Temperature (in °C)	Min	Max	Relative Humidity (in %)	Min	Max
	29	32		67	75
Weather Condition	Partially Cloudy		Rain Fall	Nil	
Predominant Wind Direction	SW - NE		Mean Wind Speed (in km / hr)	03 - 07	

Sl. No	Location of Sampling	Direction	* Distance (In m)	Height from Ground Level	Pollutants Concentration ($\mu\text{g} / \text{m}^3$)		
					PM ₁₀	SO ₂	NO ₂
1	Near Nitrogen Tank.	N	30	1.5	21	12	15
2	Near Fire Hydrant Pump House.	NE	75	1.5	29	7	9
3	Adjacent to ETP.	SE	50	1.5	31	10	17
4	Opposite To Ware House Building.	SW	100	1.5	34	10	11
5	Near Security Office.	NW	100	1.5	31	9	37

[Signature]
Assistant Director (Lab)



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Stack Monitoring Survey Report

Report No. TNPCB/AEL - CHN/ 17 /AAQS/SM/NLS/2013 - 2014 Dated: 19.07.2013

1	Name and Address of the Industry:	M / s Momentive Performance Material B - 3, SIPCOT Industrial Growth Centre, Oragadam, Sripermbudur - Taluk, Kancheepuram - 602 105.
2	Date of Survey:	11.07.2013

Sl. No	Stack Attached to	Stack Temp °(K)	Velocity	Discharge rate in (Nm ³ / Day)	Pollutants (mg / m ³)		
					SPM	SO ²	NO
1	D G Set 700 KVA - I	496	5.31	13534	31	BDL	561
2	D G Set 700 KVA - II	461	8.1	22212	23	BDL	553
3	Boiler - I 1.5 T / hr	430	2.47	10456	11	2	57
4	Boiler - II 1.5 T / hr	343	2.21	11729	29	BDL	83
5	HTF Boiler 55 kg / hr	372	3.25	15903	21	BDL	73
6	Process Speciality Scrubber.	308	---	---	---	5	1
7	Process Elastomer Scrubber.	302	---	---	---	1	BDL

Assistant Director (Lab)



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AMBIENT NOISE LEVEL SURVEY - REPORT

Report No. TNPCB/AEL - CHN/ 17 /AAQS/SM/NLS/2013 - 2014 Dated: 19.07.2013

1	Name and Address of the Industry:	M / s Momentive Performance Material B - 3, SIPCOT Industrial Growth Centre, Oragadam, Sripermbudur - Taluk, Kancheepuram - 602 105.
2	Date of Survey:	11.07.2013
3	Survey time in Hrs	16.30 - 17.00

Sl. NO	Description of survey Location	Direction **	Sound Level - dB (A)		
			L _{eq}	Min *	Max *
1	Inbetween Nitrogen Tank & Sub station.	N	52	49	57
2	Near Fire Hydrant Pump House.	NE	53	47	67
3	Adjacent to ETP.	SE	62	59	69
4	Near Hazardous Waste Storage.	S	57	49	71
5	Opposite To Ware House Building.	SW	56	46	69
5	Near Admin Building.	NW	54	49	61

Note:

Leq : Value is the average sound energy over a period of measurement.

*Min and Max : Instantaneous minimum and maximum sound level over a period of time.

Direction ** : Direction from center of the industry premises

Logging Parameters

Instrument Used		Larsen Davis , Model 814.			
Weighting	"A"	Peak Weighting	"C"	Time Weighting	Fast
Sound Incidence		Ambient : Random		Source : - - -	

Assistant Director (Lab) 19/7/13



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AMBIENT VOC LEVEL SURVEY - REPORT

Report No. TNPCB/AEL - CHN/ 17 /AAQS/SM/NLS/2013 - 2014 Dated: 19.07.2013

1	Name and Address of the Industry:	M / s Momentive Performance Material B - 3, SIPCOT Industrial Growth Centre, Oragadam, Sripermbudur - Taluk, Kancheepuram - 602 105.
2	Date of Survey:	11.07.2013

Sl. NO	Description of survey Location	ppm
1	Inbetween Nitrogen Tank & Sub station.	0.006
2	Near Fire Hydrant Pump House.	0.003
3	Adjacent to ETP.	0.009
4	Near Hazardous Waste Storage.	0.004

Note:

Assistant Director (Lab)



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BILL

Report No. TNPCB/AEL - CHN/ 17 /AAQS/SM/NLS/2013 - 2014 Dated: 19.07.2013

1	Name and Address of the Industry:	M / s Momentive Performance Material B - 3, SIPCOT Industrial Growth Centre, Oragadam, Sripermbudur - Taluk, Kancheepuram - 602 105.
2	Date of Survey:	11.07.2013

REF: Cash Receipt No: 89013, Dt: 19.06.2013. For Rs. 92200

Sl. No.	Description	No. of Stations	Rate	Amount
1	Ambient Air Quality Survey	5	3800	19000
2	Stack Monitoring SPM,SO ₂ & NO	5	9300	46500
3	Stack Monitoring SO ₂ & NO only	2	3200	6400
4	Stack Monitoring, SPM only	0	6100	0
5	a. Ambient Noise Level survey	5 (Minimum Points)	4000	4000
	b.Each additional points @Rs.300	1	300	300
6	TVOC	4	4000	16000
TOTAL				92200
Cash Receipt No: 89013, Dt: 19.06.2013. For Rs.				92200
Amount to be Paid or Adjusted				0

Assistant Director (Lab)