



TAMILNADU POLLUTION CONTROL BOARD
Advanced Environmental Laboratory, Chennai.

From
Thiru. Sankara Subramanian.M.Sc.
Assistant Director (Lab),
Advanced Environmental Laboratory,
Tamil Nadu Pollution Control Board,
No.76, Mount Salai,
Guindy, Chennai-600 032.

To
M/s. Momentive Performance Materials (India) Pvt.
B-3
SIPCOT Industrial Growth Centre
Oragadam
Sriperumbudur Taluk,
Kanchipuram District - 602105.

Lr.No.TNPCB/AEL/CHN/AIR/ 104 /AAQS/SM/2021-22.

Dated: 14/03/2022.

Sir,

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

Ref: 1. T.O:Lr.No.TNPCB/AEL/CHN/Air/Demand. 049/2021-22

Dated: 09/06/2021

2. Yr ltr. No. NIL

Dated: 30/06/2021

3. Cash Receipt No. 108534

Dated: 01/07/2021

Rs 111000

4. G.O.(2D)No.13.

Dated: 31/08/2021

The Report of Analysis of Ambient Air Quality /Stack Monitoring/Ambient Noise Level
Survey conducted in the vicinity of your Industry on **28.02.2022** along with the Bill for Rs. **173900**

(Rupees One Lakh Seventy Three Thousand Nine Hundred only) is furnished herewith.

Kindly acknowledge the receipt of the above without fail


Assistant Director(Lab)
AEL, TNPCB, Chennai

Encl: As above

Copy Submitted:

1. The Deputy Director (Lab) TNPCB, Chennai.
2. The District Environmental Engineer, Oragadam. (Sriperumbudur)
3. To File.



TAMILNADU POLLUTION CONTROL BOARD
Advanced Environmental Laboratory, Chennai
Ambient Air Quality Survey Report

Report No. 104 /AAQS/2021-22

Dated: 14/03/2022.

1. Name of the Industry : M/s. Momentive Performance Materials (India) Pvt. Ltd.,
2. Address of the Industry : B-3
SIPCOT Industrial Growth Centre
3. Date of survey : 28.02.2022
4. Duration of Survey : Eight hours
5. Latitude : N 12°52'24"
6. Longitude : E 79°58'11"
7. Classification : Red Large
8. Consent Order No. : 2108236883329
9. Time of survey started in Hrs : 8.30
10. Time of survey closed in Hrs : 16.45

Ambient Temperature (°C)	Min	Max	Relative Humidity (%)	Min	Max
	27.0	33.0		36	70
Weather Condition	Clear Sky		Rain Fall (mm)	Nil	
Predominant Wind direction	ENE to WSW		Mean Wind Speed (Km/hr)	12.25	

Ambient Air Quality Survey Report of Analysis

Sl. No	Location (On Top of Scaffolding Near)	Direction *	Distance (m)	Height from GL (m)	Pollutants Concentrations (µg/m ³)				
					PM _{2.5} IS 5182-24 (2019)	PM ₁₀ IS 5182-23 (2006)	SO ₂ IS 5182-2 (2001)	NO ₂ IS 5182-6 (2006)	TVOC PPM
1	Fuel Storage Area	N	40	2	-	53.0	6.0	20.0	0.011
2	Pump House	NE	70	2	-	55.0	7.0	22.0	0.014
3	ETP	SE	50	2	18	58.0	8.0	24.0	0.084
4	Hazardous Waste Storage	S	40	2	-	61.0	7.0	25.0	0.024
5	Ware House	SW	30	2	-	73.0	9.0	31.0	-
6	Admin Office	NW	60	2	25	65.0	6.0	28.0	0.004

DY. Chief Scientific Officer

Assistant Director(Lab)
AEL, TNPCB, Chennai.



TAMILNADU POLLUTION CONTROL BOARD
Advanced Environmental Laboratory, Chennai.

Stack Monitoring Survey - Report of Analysis

Report No. 104/SM/2021-22

Dated: 14/03/2022.

1. Name of the Industry : M/s. Momevive Performance Materials (India) Pvt. Ltd.,
2. Address of the Industry : B-3
SIPCOT Industrial Growth Centre
3. Date of survey : 28.02.2022
4. Consent Order No. : 2108236883329
5. Classification : Red Large

Stack Analysis Report

Sl. No	Stack attached to	Stack Temp °K	Velocity in (M/sec)	Discharge rate in (Nm ³ /hr)	Pollutants (mg/Nm ³)		
					PM IS 11255 (Part -1); 1985	SO ₂ IS 11255 (Part 2); 1985	NO _x USEPA CTM/030: 1997
1	Boiler 1.5 T/Hr; Fuel: LDO; APC: Nil	402	7.0	1321.0	27.0	11.0	136.0
2	Power Generator 750 KVA - I; Fuel: Diesel; APC: Acoustic Enclosures	597	10.15	1290	47.0	21.0	377.0
3	Power Generator 750 KVA - II; Fuel: Diesel; APC: Acoustic Enclosures	Under Maintenance					
4	Thermic Fluid Heater; Fuel: LDO; APC: Nil	503	8.71	1313	29	16.0	177.0
5	Flash Drier @ ETP; Fuel: LDO; APC: Nil	465	8	1305	28	11.0	133.0
6	Off Gas System - I	306	-	-	-	LMDL	LMDL
7	Off Gas System - II	304	-	-	-	LMDL	LMDL


DY. Chief Scientific Officer


Assistant Director (Lab)
AEL, TNPCB, Chennai.



TAMILNADU POLLUTION CONTROL BOARD
Advanced Environmental Laboratory, Chennai.

Ambient Noise Level Survey-Report of Analysis

Report No. **104** /NLS/2021-22 14/03/2022.

1	Name of the Industry	M/s. Mometric Performance Materials (India) Pvt. Ltd.,		
2	Address of the Industry	B-3 SIPCOT Industrial Growth Centre		
3	Date of survey	28.02.2022		
4	Classification & Consent Order No.	Red Large	2108236883329	
5	Land Use Classification	Industrial		
Type of survey		Ambient	Time Of Survey	Day
Meteorological Conditions		Calm		
Logging Parameters				
Instrument Used	CASELLA	Serial No.	4192099	
Logging Interval	10 Minutes in each point	Measuring Range	50-110 dB(A)	
Weighting	"A"	Time Weighting	Fast	
Sound Incidence	Random	Time of survey in Hrs.	14.30-17.30	

Sl.No.	Location (Near the Compound Wall/ Boundary of)	Duration (min)	Distance (mtrs)	Direction	Sound Level -dB(A) IS 9989: 1981		
					L _{eq}	L _{Min}	L _{max}
1	Fuel Storage Area	30	40	N	55.3	46.3	69.5
2	Pump House	30	70	NE	57.2	54.3	67.6
3	ETP	30	50	SE	57.1	53.2	67.6
4	Hazardous Waste Storage	30	40	S	62.3	49.6	73.6
5	Admin Office	30	60	NW	52.6	45.9	64.8

[Signature]
14/3/2022
DY. Chief Scientific Officer

[Signature]
14/3/2022
Assistant Director(Lab)
AEL, TNPCB, Chennai.