



TAMILNADU POLLUTION CONTROL BOARD
Advance Environmental Laboratory, Chennai.

From
Sankara Subramanian.M.Sc.,
Assistant Director (Lab),
Advance Environmental Laboratory,
Tamil Nadu Pollution Control Board,
Guindy,
Chennai-600 032.

To
M/s. Momentive Performance Materials(I) Pvt. Ltd.
B-3, SIPCOT Industrial Growth Centre,
Oragadam,
Sriperumbudur Taluk,
Kanchipuram District - 602 105.

Lr.No.TNPCB/AEL/CHN/AIR/ 60 /AAQS/SM/2019-20.

Dated: 20/02/2020.

Sir,

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

Ref: 1. T.O.Lr.No.168/2019-20
2. Yr Itr. No.Nil
3. Cash Receipt No.82405

Dated: 01/08/2019
Dated: 26/08/19
Dated:26/08/2019

Rs.93400

The Report of Analysis of Ambient Air Quality /Stack Monitoring/Ambient Noise Level
Survey conducted in the vicinity of your Industry on 17/12/2019 along with the Bill for Rs. 98500
(Rupees Ninety Eight Thousand Five Hundred only) is furnished herewith.

Kindly acknowledge the receipt of the above without fail

M. Sankara Subramanian
26/2/2020

[Signature]
27/2/2020
Assistant Director (Lab)
AEL, CHENNAI

Encl: As above
Copy Submitted:

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



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

Report No. 60-ULR-TC319000000060F /AAQS/AEL-CHN/2019-20. Dated: 20/02/2020.

1. Name of the Industry : **M/s. Momentive Performance Materials(I) Pvt. Ltd.,**
2. Address of the Industry : **B-3,SIPCOT Industrial Growth Centre,
Oragadam,
Sriperumbudur Taluk,**
3. Date of survey : **17/12/2019**
4. Duration of Survey : **Eight hours**
5. Category : **Other**
6. Classification : **Red Large**
7. Consent Order No. : **1908220175737**
8. Time of survey started in Hrs : **8.45**
9. Time of survey closed in Hrs : **17.15**

Ambient Temperature (°C)	Min	Max	Relative Humidity (%)	Min	Max
	26.0	36.0		44	71
Weather Condition	Clear Sky		Rain Fall (mm)	Nil	
Prevalent Wind Direction	NE to SW		Mean Wind Speed (Km/hr)	13.8	

Ambient Air Quality Survey Report of Analysis

Sl. No	Location	Direction *	Distance (m)	Height from GL (m)	Pollutants Concentrations (µg/m ³)				TVOC PPM
					PM _{2.5}	PM ₁₀	SO ₂	NO ₂	
1	On top of scaffolding near Fuel Storage Area	N	40	1.5	---	56	4.0	15.0	0.036
2	On top of scaffolding near Fire Hydrant Pump House	NE	70	1.5	16	53	4.0	14.0	0.001
3	On top of scaffolding near ETP	SE	50	1.5	---	55	4.0	17.0	0.002
4	On top of scaffolding near Hazardous Waste Storage Yard	S	40	1.5	---	55	4.0	17.0	0.003
5	On top of scaffolding near Ware House	SW	30	1.5	22	76	8.0	26.0	-
6	On top of scaffolding near Admin Office	NW	60	1.5	---	70	7.0	24.0	-

DCSO

Assistant Director (Lab)
AEL, CHENNAI



TAMILNADU POLLUTION CONTROL BOARD
Advance Environmental Laboratory, Chennai.
Stack Monitoring Survey - Report of Analysis

Report No: ULR-TC319000000060F /SM/AEL-CHN/2019-20. Dated: 20/02/2020.

1. Name of the Industry : **M/s. Momentive Performance Materials(I) Pvt. Ltd.,**
2. Address of the Industry : B-3, SIPCOT Industrial Growth Centre,
Oragadam,
Sriperumbudur Taluk,
3. Date of survey : 17/12/2019
4. Consent Order No. : **1908220175737**
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	SO ₂	Nox
1	Power Generator 700 KVA - I; APC: Nil; Fuel: Diesel	585	12.8	1660.0	46.0	48.0	331.0
2	Boiler 1.5T/Hr; APC: Nil; Fuel: Diesel	402	6.1	1151.0	34.0	43.0	186.0
3	Power Generator 700 KVA -II; APC: Nil; Fuel: Diesel	612	13.0	1611.0	51.0	48.0	337.0
4	Thermic Fluid Heater 500Kg/Hr; APC: Common Wet Scrubber; Fuel: Diesel	459	8.2	1355.0	39.0	43.0	174.0
5	Spray Drier@ETP; APC: Nil; Fuel: Diesel	402	8.0	1509.0	26.0	32.0	39.0
6	Process Off Gas System (Elastomer Speciality); APC: Wet Scrubber; Fuel: Electrically Operated)	309	8.4	2062.0	-	<0.5	14.0

[Signature]
20/12/2019
DCSO

[Signature]
20/12/2019
Assistant Director (Lab)
AEL, CHENNAI



TAMILNADU POLLUTION CONTROL BOARD
Advance Environmental Laboratory, Chennai.

Ambient Noise Level Survey-Report of Analysis

Report No. 60 ULR-TC319000000060F /NLS/19-20. Dated: 20/02/2020.

1	Name of the Industry	M/s. Momentive Performance
2	Address of the Industry	B-3, SIPCOT Industrial Growth Centre, Oragadam, Sriperumbudur Taluk,
3	Date of survey	17/12/2019
4	Classification & Consent Order No.	Red Large 1908220175737
5	Land Use Classification	

Type of survey	Ambient	Time Of Survey	Day
Meteorological Conditions		Calm	

Logging Parameters			
Instrument Used	CESVA	Serial No.	T 1243105
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	

Location	Duration (m)	Distance (m)	Direction	Sound Level -dB(A)		
				Leq	LMin	LMax
Near compound wall of the Fuel Storage Yard	10	40	N	50.1	45.8	67.8
Near compound wall of the Fire Hydrant Pump House	10	70	NE	55.1	52.1	70.8
Near compound wall of the ETP	10	50	SE	52.1	48.8	58.2
Near compound wall of the Hazardous Waste Storage Yard	10	40	S	59.0	54.0	63.6
Near compound wall of the Ware House	10	30	SW	53.2	49.1	64.1

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DCSO

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AEL, CHENNAI