



**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 (P) Ltd .,** ✓  
B - 3, SIPCOT Industrial Growth Centre,  
Oragadam Village,  
Sriperumbudur Taluk,  
Kanchipuram District - 602 105.

Lr.No.TNPCB/AEL/CHN/AIR/ 76 /AAQS/SM/2020-21.

Dated: 01/04/2021.

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-047/2020-21  
2. Yr ltr. No.Nil  
3. Cash Receipt No.107910

Dated: 03/09/2020  
Dated: 14/10/2020  
Dated: 15/10/2020

Rs.103600

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The Report of Analysis of Ambient Air Quality /Stack Monitoring/Ambient Noise Level  
Survey conducted in the vicinity of your Industry on **16/02/2021.** along with the Bill for Rs. **103,600**  
(Rupees One Lakh Three Thousand and Six 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, Sriperumbudur.
3. To File.



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

Report No. 76 /AAQS/2020-21

Dated: 01/04/2021.

1. Name of the Industry : M/s. Momentive Performance Materials India (P) Ltd.,
2. Address of the Industry : B - 3, SIPCOT Industrial Growth Centre,  
Sriperumbudur Taluk,  
Kanchipuram District - 602 105.
3. Date of survey : 16/02/2021.
4. Duration of Survey : Eight hours
5. Latitude : N12°52'24"
6. Longitude : E79°58'11"
7. Classification : Red Large
8. Consent Order No. : 2008231074955
9. Time of survey started in Hrs : 9.00
10. Time of survey closed in Hrs : 17.30

Ambient Temperature (°C)	Min	Max	Relative Humidity (%)	Min	Max
	27.0	31.0		45	66
Weather Condition	Clear Sky		Rain Fall (mm)	Nil	
Predominant Wind direction	E to W and NW to SE		Mean Wind Speed (Km/hr)	7.3	

**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 <sup>3</sup> )				
					PM <sub>2.5</sub>	PM <sub>10</sub>	SO <sub>2</sub>	NO <sub>2</sub>	TVOC
1	Fuel Storage Area	N	40	2.0	16.0	56.0	4.0	18.0	-
2	Fire Hydrant Pump House	NE	70	2.0	-	55.0	5.0	22.0	0.013
3	ETP	SE	50	2.0	-	63.0	4.0	17.0	0.027
4	Hazardous Waste Storage Yard	S	40	2.0	-	66.0	6.0	16.0	0.010
5	Ware House	SW	30	2.0	-	71.0	-	-	0.021
6	Admin Office	NW	60	2.0	31.0	67.0	6.0	22.0	0.001

*[Signature]*  
DY. Chief Scientific Officer

*[Signature]*  
Assistant Director(Lab)  
AEL, TNPCB, Chennai.



**TAMILNADU POLLUTION CONTROL BOARD**  
**Advanced Environmental Laboratory, Chennai.**

**Stack Monitoring Survey - Report of Analysis**


Report No. 76 /SM/2020-21


Dated: 01/04/2021.

1. Name of the Industry : M/s. Momentive Performance Materials India (P) Ltd.,  
2. Address of the Industry : B - 3, SIPCOT Industrial Growth Centre,  
Sriperumbudur Taluk,  
Kanchipuram District - 602 105.  
3. Date of survey : 16/02/2021.  
4. Consent Order No. : 2008231074955  
5. Classification : Red Large

**Stack Analysis Report**

Sl. No	Stack attached to	Stack Temp °K	Velocity in (M/sec)	Discharge rate in (Nm <sup>3</sup> /hr)	Pollutants (mg/Nm <sup>3</sup> )		
					PM	SO <sub>2</sub>	NOx
1	Boiler 1.5T/Hr; Fuel: LDO; APC: Nil	409	7.3	1354.0	55.0	16.0	152.0
2	Thermic Fluid Heater; Fuel: LDO; APC: Nil	485	8.8	1376.0	56.0	16.0	161.0
3	Power Generator 750 KVA - I; Fuel: Diesel; APC; Acoustic Enclosures	598	10.6	1344.0	76.0	21.0	568.0
4	Power Generator 750 KVA - II; Fuel: Diesel; APC; Acoustic Enclosures	620	11.2	1370.0	85.0	27.0	557.0
5	Flash Drier @ ETP; Fuel: LDO; APC:Nil	457	7.7	1278.0	36.0	11.0	88.0

  
DY. Chief Scientific Officer

  
Assistant Director(Lab)  
AEL, TNPCCB, Chennai.



**TAMILNADU POLLUTION CONTROL BOARD**  
**Advanced Environmental Laboratory, Chennai.**

**Ambient Noise Level Survey-Report of Analysis**

Report No.

76

/NLS/2020-21

Dated: 01/04/2021.

1	Name of the Industry	M/s. Momentive Performance Materials India (P) Ltd.,		
2	Address of the Industry	B - 3, SIPCOT Industrial Growth Centre, Sriperumbudur Taluk, Kanchipuram District - 602 105.		
3	Date of survey	16/02/2021.		
4	Classification & Consent Order No.	Red Large	2008231074955	
5	Land Use Classification	Industrial		
Type of survey		Ambient	Time Of Survey	Day
Meteorological Conditions		Calm		
<b>Logging Parameters</b>				
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.	15.00-16.30	

Location ( Near the Compund Wall/ Boundary of)	Duration (min)	Distance (mtrs)	Direction	Sound Level -dB(A)		
				L <sub>eq</sub>	L <sub>Min</sub>	L <sub>Max</sub>
Fire Hydrant Pump House	10	70	NE	46.3	42.3	57.4
ETP	10	50	SE	50.4	44.6	70.9
Hazardous Waste Storage Yard	10	40	S	54.5	40.8	73.6
Ware House	10	30	SW	54.1	40.8	73.6
Admin Office	10	60	NW	64.5	43.4	80.7

*[Signature]*  
DY. Chief Scientific Officer

*[Signature]*  
Assistant Director(Lab)  
AEL, TNPCE, Chennai.



**TAMILNADU POLLUTION CONTROL BOARD**  
**Advanced Environmental Laboratory - Chennai.**

**BILL**

Bill No : 76 /AAQS/SM/2020-21.  
Date : 01/04/2021.

To

**M/s. Momentive Performance Materials India (P) Ltd .,**  
B - 3, SIPCOT Industrial Growth Centre,  
Sriperumbudur Taluk,  
Kanchipuram District - 602 105.

Sir,

Ref: 1. T.O.Lr.No.TNPCB/AEL/CHN/AIR/Demand-047/2020-21 Dated: 03/09/2020  
2. Yr ltr. No.Nil Dated: 14/10/2020  
3. Cash Receipt No.107910 Dated: 15/10/2020

Rs.103600

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The Bill for the Ambient Air Quality Survey/Stack Monitoring Survey for the year 2020-21.is furnished as below

Sl.No.	Description	No of Stations	Rate (Rs.)	Amount (Rs.)
1	Ambient Air Quality Survey with PM <sub>10</sub> ,SO <sub>2</sub> ,NO <sub>2</sub>	6	3800	22800
2	Ambient Air Quality Survey PM <sub>2.5</sub>	2	3000	6000
3	Stack Monitoring with PM, SO <sub>2</sub> &NOx	5	9300	46500
4	Stack Monitoring with PM Only	0	6100	0
5	Stack Monitoring with SO <sub>2</sub> & NO Only	1	3200	3200
6	TVOC	4	4000	16000
7	Ambient Noise Level testing charges (First 5 Points)	1	4000	4000
8	Ambient Noise Level testing (Each additional Station)	0	2000	0
<b>Total (Rs.)</b>				<b>98500</b>
Add: Previous Outstanding Balance as per Bill. No.60/AAQS/SM/2019-20 dtd:20.02.2020				5100
<b>Total (Rs.) to be Paid</b>				<b>103600</b>
Advance amount Paid vide CR No.107916 dt.20/10/2020.				<b>103,600</b>
<b>Balance amount to Pay/Claim</b>				<b>Nil</b>

(Rupees One Lakh Three Thousand and Six Hundred only)

Dy. Chief Scientific Officer

Assistant Director (Lab)  
AEL, TNPCB, Chennai