



TC-14882

**AIRMASS ECO ENVIRO SUSTAINABILITY
(OPC) PRIVATE LIMITED LABORATORY**

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TEST REPORTULR No: TC148822500000594F
REP. No. AEES/ENV/2025/775

Report Date: 18.08.2025

AMBIENT AIR QUALITY REPORT

Name of the Industry	M/s. Karnataka Waste Management Project. (Re Sustainability Ltd).		
Address	Towards Doddaballapur Road, Opposite OM Logistics, KIADB Industrial Area, Dobaspet, Nelamangla Tq, Bengaluru Rural-562111.		
Date of Sampling	12.08.2025	Sample Collected by	AEES Rep.
Registration No	AEES/AAQ/2025/800,801,802	Name of the Locations	Near Weigh Bridge , Near Canteen, Near Sheds Area
Analysis Starting Date	13.08.2025	Analysis Completion Date	18.08.2025
Weather Conditions	Sunny/28.7-34.5 °C	Sampling Method	IS-5182

TEST RESULTS

S.No	Parameter	Method	Unit	Results			CPCB Standards
				Near Weigh Bridge	Near Canteen	Near Sheds Area	
1.	Particulate Matter as PM-10	IS 5182 (Part 23): 2012	µg/m ³	57.3	50.1	53.0	100
2.	Particulate Matter as PM-2.5	IS 5182 (Part 24): 2019	µg/m ³	29.6	23.0	25.2	60
3.	Sulphur Dioxide as SO ₂	IS 5182 (Part 2) :2012	µg/m ³	21.4	22.7	17.5	80
4.	Nitrogen Dioxide as NO _x	IS 5182 (Part 6) :2012	µg/m ³	29.6	37.2	29.0	80
5.	Ozone as O ₃	IS 5182 (Part-9) :1974	µg/m ³	31.9	29.7	39.4	180
6.	Ammonia as NH ₃	IS 5182 (Part 25): 2018	µg/m ³	22.4	39.4	21.7	400

Note: Reports pertained only to the collected samples while monitoring.

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Instruments Details: 1. Respirable Dust Sampler Model: APM 860, SI. No.509,510,514-DTD-2025, PM10/2.5 Sampler, Model APM154 – S. No.438,439,440--DTD-2025(Cal due date:22-11-2025).


Reviewed by
K.Rammohan Rao
Sr. Chemist


Authorized Signatory
G.Rajesh
Technical Manager

**** End of the Report ****

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REP. No. AEES/ENV/2025/775

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AMBIENT AIR QUALITY REPORT

Name of the Industry	M/s. Karnataka Waste Management Project. (Re Sustainability Ltd).		
Address	Towards Doddaballapur Road, Opposite OM Logistics, KIADB Industrial Area, Dobaspet, Nelamangla Tq, Bengaluru Rural-562111.		
Date of Sampling	12.08.2025	Sample Collected by	AEES Rep.
Registration No	AEES/AAQ/2025/800,801,802	Name of the Locations	Near Weigh Bridge , Near Canteen, Near Sheds Area
Analysis Starting Date	13.08.2025	Analysis Completion Date	18.08.2025
Weather Conditions	Sunny/28.7-34.5 °C	Sampling Method	IS-5182

TEST RESULTS

S.No	Parameter	Method	Unit	Results			CPCB Standards
				Near Weigh Bridge	Near Canteen	Near Sheds Area	
1.	Lead as Pb	IS 5182 (Part 22): 2004	µg/m ³	<0.05	<0.05	<0.05	1.0
2.	Carbon Monoxide as CO	IS 5182 (Part 10): 1999	mg/m ³	0.52	0.68	0.63	4.0
3.	Benzene	IS 5182 (Part 11) :2006	µg/m ³	<0.05	<0.05	<0.05	5.0
4.	Benzo Pyrene	IS 5182 (Part 12) :2004	ng/m ³	<0.05	<0.05	<0.05	1.0
5.	Arsenic as As	IS 2088 - 1983	ng/m ³	<0.01	<0.01	<0.01	6.0
6.	Nickel as Ni	IS 5182 (Part 26): 2020	ng/m ³	<0.01	<0.01	<0.01	20

Note: Reports pertained only to the collected samples while monitoring.

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Instruments Details: 1. Respirable Dust Sampler Model: APM 860, Sl. No.509,510,514-DTD-2025, PM10/2.5 Sampler, Model APM154 – S. No 438,439,440--DTD-2025(Cal due date:22-11-2025).


Reviewed by
K.Rammohan Rao
Sr. Chemist


Authorized Signatory
G Rajesh
Technical Manager

**** End of the Report ****



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ULR No: TC14882250000595F
REP. No. AEES/ENV/2025/776

Report Date: 18.08.2025

STACK EMISSION MONITORING REPORTS

Name of the Industry	M/s. Karnataka Waste Management Project . (Re Sustainability Ltd)		
Address	Towards Doddaballapur Road, Opposite OM Logistics, KIADB Industrial Area, Dobaspet, Nelamangla Tq, Bengaluru Rural-562111.		
Date of Sampling	12.08.2025	Sample Collected by	AEES-Rep.
Registration No.	AEES/SM/2025/803	Location	Chimney site
Analysis Starting Date	13.08.2025.	Analysis Completion Date	18.08.2025
Weather Conditions/ Amb.Temp	Sunny/31.3 °C	Sampling Method	IS-11255

Stack Connected to	-	-	1500 Kg/h Incinerator
Stack Dia	Meters	-	1.0
Stack Cross Sectional Area	Sq. m	-	0.785
Temperature (Ts)	°C	IS-11255 (Part-3):1985	104.0
Velocity	m/sec	IS-11255 (Part-3):1985	6.44
Flow Rate	Nm ³ /hr	IS-11255 (Part-3):1985	17305

TEST RESULTS FOR FLUE GAS EMISSION CHARACTERISTICS

Sl. No's.	Name of the Parameters	Units	Methods	Results	KSPCB Standard Limits
1.	Particulate Matter as PM	mg/Nm ³ .	IS-11255 (Part-I): (Reaffirmed 2019):1985	35	50
2.	Sulphur Dioxide as SO ₂	mg/Nm ³	IS 11255 Part 2: 1985 (RA 2019)	40.3	200
3.	Oxides of Nitrogen NO _x	mg/Nm ³	IS 11255 Part 7: 2005 (RA 2022)	141.9	400

Note: Opinion and interpretation: Nil

Reports pertained only to the collected samples while monitoring.

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Instrument Details: Stack Monitoring Kit- LES, APM-160 SI. No.170-DTJ-2023. Calibrated On: 26.11.2024
& Due Date: 25.11.2025.Reviewed by
K.Rammohan Rao
Sr ChemistAuthorized Signatory
G Rajesh
Technical Manager

**** End of the Report ****



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STACK EMISSION MONITORING REPORTS

Name of the Industry	M/s. Karnataka Waste Management Project. (Re Sustainability Ltd)		
Address	Towards Doddaballapur Road, Opposite OM Logistics, KIADB Industrial Area, Dobaspet, Nelamangla Tq, Bengaluru Rural-562111.		
Date of Sampling	12.08.2025	Sample Collected by	AEES-Rep
Registration No.	AEES/SM/2025/804	Location	Site
Analysis Starting Date	13.08.2025	Analysis Completion Date	18.08.2025
Weather Conditions/ Amb.Temp	Sunny/29.7 °C	Sampling Method	IS-11255

Stack Connected to	-	-	DG SET 500 KVA
Stack Dia	Meters	-	0.1016
Stack Cross Sectional Area	Sq. m	-	0.008
Temperature (Ts)	°C	IS-11255 (Part-3):1985	115
Velocity	m/sec	IS-11255 (Part-3):1985	9.4
Flow Rate	m³/hr	IS-11255 (Part-3):1985	321

TEST RESULTS FOR FLUE GAS EMISSION CHARACTERISTICS

Sl. No's.	Name of the Parameters	Units	Methods	Results	KSPCB Standard Limits
1.	Particulate Matter as PM	mg/Nm³.	IS-11255 (Part-I): (Reaffirmed 2019):1985	66.9	150
2.	Sulphur Dioxide as SO ₂	mg/Nm³	IS 11255 Part 2: 1985 (RA 2019)	37.1	100
3.	Oxides of Nitrogen NO _x	mg/Nm³	IS 11255 Part 7: 2005 (RA 2022)	48.4	50

Note: Opinion and interpretation: Nil

Reports pertained only to the collected samples while monitoring.

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Instrument Details: Stack Monitoring Kit- LES, APM-160 Sl. No.170-DTJ-2023. Calibrated On: 26.11.2024
& Due Date: 25.11.2025.Reviewed by
K.Rammohan Rao
Sr ChemistAuthorized Signatory
G Rajesh
Technical Manager****** End of the Report ******