

To,

Environmental Officer,
KSPCB, No.597, 1st cross,
Near Vishnuvardhan Park,
Kuvempunagar, BALLARI - 583 104.

Sub: Environment monitoring Report for the month of December - 2022.

Ref: F.NO. J-11011/500/2017-IA-II(I) Dated 7th July 2021

Dear Sir,

This has reference to the Environmental clearance received on 7th July 2021.

We are hereby submitting the Environment Monitoring report for December - 2022.

Kindly acknowledge the same.

Thanking you.

Yours faithfully,

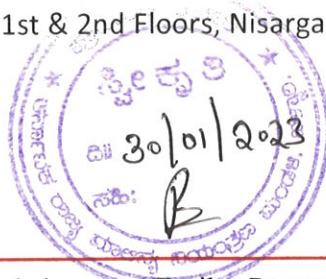
For **Epsilon Graphite Private Limited**



Authorized Signatory

CC –

- 1) Member Secretary SEIAA Karnataka, (Ecology and environment) Dept. of forest ecology and environment, Government of Karnataka, Room no 709, 7th floor 4th gate MS building, Bangalore 56001.
- 2) The Member Secretary, KSPCB, Parisara Bhavana, 1st to 5th floor, #49, Church Street, Bengaluru-560001
- 3) CPCB Zonal Office, 1st & 2nd Floors, Nisarga Bhavan, A-Block, Thimmaiah Main Road, Bangalore.



भारतीय डाक

EK331426321IN IVR:6975331426321
SP SHANKAR HILL TOWN COLONY S.O. <583153>
Counter No:1,31/01/2023,12:26
To:THE MEMBER SE,ENCIRONMENT IMPA
PIN:560001, Bengaluru G.P.O.
From:EPSILON GRA,SULTANPUR RD
Wt:45gms

Amt:41.30(Cash)Tax:6.30

<Track on www.indianpost.gov.in>

<Dial 18002666868> <Wear Masks, Stay Safe>

भारतीय डाक

EK331426318IN IVR:6975331426318
SP SHANKAR HILL TOWN COLONY S.O. <583153>
Counter No:1,31/01/2023,12:26
To:CPCB ZONAL OF,1ST AND 2ND FLOOR
PIN:560079, Basaveshwaranagar S.O
From:EPSILON GRA,SULTANPUR RD
Wt:45gms

Amt:41.30(Cash)Tax:6.30

<Track on www.indiapost.gov.in>

<Dial 18002666868> <Wear Masks, Stay Safe>

भारतीय डाक

EK331426304IN IVR:6975331426304
SP SHANKAR HILL TOWN COLONY S.O. <583153>
Counter No:1,31/01/2023,12:26
To:THE MEMBER SE,KARNATAKA STATE
PIN:560001, Bengaluru G.P.O.
From:EPSILON GRA,SULTANPUR RD
Wt:45gms

Amt:37.30(Cash)PS:4.00Tax:6.30

<Track on www.indiapost.gov.in>



Netel (India) Limited

TEST REPORT

Customer Name : Epsilon Graphite Pvt Ltd.						
Customer Address : Sultanpur Road, Musinayakahalli, Taluka Sandur, District Bellary, Karnataka 583123						
Customer Reference : ---						
MoEFCC Validity : 16 Oct, 2024			QCI-NABL Validity : 16 Jun, 2024			
Discipline/Group : Chemical / Atmospheric Pollution			Test Report No. : NIL/AA/12/22/147			
Sample Type : Ambient Air			Sample Code : NIL/AA/12/22/147			
Sampling Method : N(I)L/AIR/SOP-12/13/14			Amb. Temperature : 23.0 °C			
Sampling Date : 22.12.2022			Sample Received : 27.12.2022			
Analysis Start Date : 28.12.2022			Analysis End Date : 05.01.2023			
Reporting Date : 05.01.2023			Sample Qty. & Pkg. : FP (2 nos), CT, Bld & 50ml PB (4 nos)			
Sampling Location : EGPL Near Back Side			Sampling Done By : Netel (India) Limited			
Sr. No.	Parameter	Result	Unit	Duration	CPCB Limit	Method
1	Particulate Matter (PM ₁₀)	58.4	µg/m ³	24 Hrs	100	IS-5182 (Part-23)
2	Particulate Matter (PM _{2.5})	25.6	µg/m ³	24 Hrs	60	NIL/AIR/SOP/03†
3	Sulphur Dioxide (SO ₂)	15.7	µg/m ³	24 Hrs	80	IS-5182 (Part-02)
4	Oxides of Nitrogen (NO _x)	26.1	µg/m ³	24 Hrs	80	IS-5182 (Part-06)
5	Carbon Monoxide (CO)	0.42	mg/m ³	24 Hrs	2	IS-5182 (Part-10)
6	Benzene (C ₆ H ₆)	BDL	µg/m ³	24 Hrs	5	IS-5182 (Part-11)
7	Ammonia (NH ₃)	BDL	µg/m ³	24 Hrs	400	APHA Air 3 rd (Method-401)
8	Ozone (O ₃)	3.20	µg/m ³	24 Hrs	100	IS-5182 (Part-09)
9	Benzo - a - Pyrene (BaP)	BDL	ng/m ³	24 Hrs	1	IS-5182 (Part-12)
10	Lead (Pb)	BDL	µg/m ³	24 Hrs	1	APHA Air 3 rd Edition
11	Nickel (Ni)	BDL	ng/m ³	24 Hrs	20	(Method 822)

- Note :** 1. * Laboratory SOP, based on CPCB Guidelines Volumns I & II
2. This Test Report shall not be reproduced except in full, without written approval of the Laboratory.
3. This Test Report refers only to the sample tested.
4. The complaint register is available with the Laboratory as per Environment Protection Act, 1986.

End of Report

Verified by:

Neelima Dalvi
Authorised Signatory



Issued by:

Shraddha Kere
Quality Manager

Page 1 of 2





TEST REPORT

Customer Name : Epsilon Graphite Pvt Ltd.						
Customer Address : Sultanpur Road, Musinayakahalli, Taluka Sandur, District Bellary, Karnataka 583123						
Customer Reference : ---						
MoEFCC Validity : 16 Oct, 2024						
Discipline/Group : Chemical / Atmospheric Pollution	Test Report No. : NIL/AA/12/22/147					
Sample Type : Ambient Air	Sample Code : NIL/AA/12/22/147					
Sampling Method : N(I)L/AIR/SOP-12/13/14	Amb. Temperature : 23.0 °C					
Sampling Date : 22.12.2022	Sample Received : 27.12.2022					
Analysis Start Date : 28.12.2022	Analysis End Date : 05.01.2023					
Reporting Date : 05.01.2023	Sample Qty. & Pkg. : FP (2 nos), CT, Bld & 50ml PB (4 nos)					
Sampling Location : EGPL Near Back Side	Sampling Done By : Netel (India) Limited					
Sr. No.	Parameter	Result	Unit	Duration	CPCB Limit	Method
12	Arsenic (As)	BDL	ng/m ³	24 Hrs	6	APHA Air 3 rd Edition

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End of Report

Verified by:

Neelima Dalvi
Authorised Signatory



Issued by:

Shraddha Kere
Quality Manager





Netel (India) Limited

NOISE MONITORING REPORT

Customer Name	: Epsilon Graphite Pvt Ltd.		
Customer Address	Sultanpur Road, Musinayakahalli, Taluka Sandur, District Bellary, Karnataka 583123		
Customer Reference	--		
Discipline / Group	: Chemical -Atmospheric Pollution	Test Report No	NILNO/12/22/089
Sample Type	: Noise Monitoring	Sample Code	NILNO/12/22/089
Instrment Details	Lutron SL- 4023 SD	Amb. Temperature	25°C
Sampling Date	: 24.12.2022	Reporting Date	02.01.2023

Sr. No.	Location	Day Time dB(A)	Night Time dB(A)
AG PLANT			
1	EGPL Front Side	62.8	51.4
2	EGPL Back Side	52.9	47.5

Permissible Limits: 75 dBA Leq Between 6:00 A.M. to 10:00 P.M. (Day)

70 dBA Leq between 10:00P.M. to 6:00 A.M. (Night)

*** End of the Report***

Verified by:

Neelima Dalvi
Authorised Signatory



Issued By

Shradha Kere
Quality Manager



Netel (India) Limited

TEST REPORT

Customer Name : Epsilon Graphite Pvt Ltd.				
Customer Address : Sultanpur Road, Musinayakahalli, Taluka Sandur, District Bellary, Karnataka 583123				
Customer Reference : 4300003131 dated 14/06/2022				
Sample Type : Flue Gas (Stack)	Test Report No. : NIL/ST/12/22/054			
Stack Connected to : DG Set (250 KVA)	Sample Code : NIL/ST/12/22/054			
Stack Height : 5 m	Stack Diameter : 0.25 m			
Sampling Date : 24.12.2022	Sample Received : 27.12.2022			
Analysis Start Date : 28.12.2022	Analysis End Date : 02.01.2023			
Reporting Date : 02.01.2023	Sample Qty. & Pkg. : Thimble, Plastic Bottles			
Sampling Location : DG Set (250 KVA)	Sampling Done By : Netel (India) Limited			
Sr. No.	Test Parameter	Results	Unit	Method
1	Temperature	98.0	°C	IS 11255 (Part 1)
2	Velocity	7.72	m/sec	IS 11255 (Part 1)
3	Flowrate	279.36	Nm ³ /hr	IS 11255 (Part 1)
4	Particulate Matter	14.3	mg/Nm ³	IS 11255 (Part 1)
5	SO _x	51.3	mg/Nm ³	IS 11255 (Part 2)
6	NO _x	25.4	mg/Nm ³	IS 11255 (Part 7)

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End of Report

Verified by:

Neelima Dalvi
Authorised Signatory



Issued by:

Shradha Kere
Quality Manager





Netel (India) Limited

TEST REPORT

Customer Name : Epsilon Graphite Pvt Ltd.				
Customer Address : Sultanpur Road, Musinayakahalli, Taluka Sandur, District Bellary, Karnataka 583123				
Customer Reference : 4300003131 dated 14/06/2022				
Sample Type : Flue Gas (Stack)	Test Report No. : NIL/ST/12/22/053			
Stack Connected to : Electric Furnace	Sample Code : NIL/ST/12/22/053			
Stack Height : 21 m	Stack Diameter : 0.25 m			
Sampling Date : 24.12.2022	Sample Received : 27.12.2022			
Analysis Start Date : 28.12.2022	Analysis End Date : 02.01.2023			
Reporting Date : 02.01.2023	Sample Qty. & Pkg. : Thimble, Plastic Bottles			
Sampling Location : Electric Furnace	Sampling Done By : Netel (India) Limited			
Sr. No.	Test Parameter	Results	Unit	Method
1	Temperature	42.0	°C	IS 11255 (Part 1)
2	Velocity	3.02	m/sec	IS 11255 (Part 1)
3	Flowrate	525.61	Nm ³ /hr	IS 11255 (Part 1)
4	Particulate Matter	7.4	mg/Nm ³	IS 11255 (Part 1)
5	SO _x	38.4	mg/Nm ³	IS 11255 (Part 2)
6	NO _x	23.4	mg/Nm ³	IS 11255 (Part 7)
7	VOC	35.2	mg/Nm ³	USEPA – 5

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End of Report

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Issued by:

Shradha Kere
Quality Manager



EGPL – Environmental monitoring (Stack, AAQM) activity
December 2022



EGPL – Environmental monitoring (Stack, AAQM) activity
December 2022



EGPL – Environmental monitoring (Stack, AAQM) activity
December 2022

