

**ENVIRONMENT MONITORING REPORT  
OF  
MONTH NOVEMBER-2022**



**Client- M/s SREE METALIKS LTD.**

**Address- Anra, Upper Raigoda, Banspal Dist-  
Keonjhar, Odisha**



**Monitored By - BIOMES LABORATORY**

**Address- Plot-225, Chandrasekharpur,**

**Bhubaneswar, Odisha-751016**

**NABL Certificate No:- TC10049**

# PHOTOGRAPHS OF ENVIRONMENT MONITORING





# M/s BIOMES

ENVIRONMENTAL CONSULTANT & NABL (ISO/IEC 17025:2017) ACCREDITED LABORATORY

[ISO 14001:2015, ISO 9001:2015 & ISO 45001:2018 Certified Organization]



TC-10049

Report No –BMS/22/SML- Anra/390

Issued Date-08.12.2022

## AMBIENT AIR QUALITY MONITORING TEST REPORT

|                                 |   |
|---------------------------------|---|
| Client Name & Address           | M/s Sree Metaliks Ltd, ANRA, Upper Raigoda, Banspal Dist-Keonjhar, Odisha |
| Work Order No./ Date            | SML/BBL/ENV/WO/205/22-23; 24.09.2022                                      |
| Nature of Sampling              | Ambient Air Sample  |
| Sampling Location & Coordinates | AAQ1-Near Entry Gate: 21°41'13.17"N Latitude & 85°26'17.90"E Longitude    |
| Sampling By                     | BIOME's Representative  |
| Instrument Used                 | Respirable Dust Sampler, Fine Dust Sampler, Gaseous Attachment            |

| Date Of Sampling    | PM10 (µg/m <sup>3</sup> ) | PM2.5 (µg/m <sup>3</sup> ) | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NOx (µg/m <sup>3</sup> ) |
|---------------------|---------------------------|----------------------------|--------------------------------------|--------------------------|
| 03.11.2022          | 68.9                      | 36.2                       | 12.2                                 | 19.8                     |
| 07.11.2022          | 71.8                      | 38.4                       | 12.8                                 | 20.6                     |
| 10.11.2022          | 73.1                      | 39.2                       | 13.1                                 | 21.5                     |
| 14.11.2022          | 70.8                      | 37.6                       | 12.4                                 | 20.6                     |
| 17.11.2022          | 69.2                      | 37.2                       | 12.2                                 | 19.5                     |
| 21.11.2022          | 72.1                      | 38.2                       | 12.8                                 | 20.4                     |
| 24.11.2022          | 70.5                      | 37.4                       | 12.6                                 | 20.8                     |
| 28.11.2022          | 71.9                      | 38.2                       | 13.2                                 | 21.4                     |
| NAAQ* Standard      | 100                       | 60                         | 80                                   | 80                       |
| Methods of Analysis | IS:5182 (Part-23)         | IS:5182 (Part-24)          | IS:5182 (Part-2)                     | IS:5182 (Part-6)         |



Authorized Signatory

\*END OF REPORT\*

Note:

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Plot No. 225, District Centre, Chandrasekharpur, Bhubaneswar – 751016

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[ISO 14001:2015, ISO 9001:2015 & ISO 45001:2018 Certified Organization]



TC-10049

Report No -BMS/22/SML- Anra/391

Issued Date-08.12.2022

## AMBIENT AIR QUALITY MONITORING TEST REPORT

|                                 |   |
|---------------------------------|---|
| Client Name & Address           | M/s Sree Metaliks Ltd, ANRA, Upper Raigoda, Banspal Dist-Keonjhar, Odisha |
| Work Order No./ Date            | SML/BBL/ENV/WO/205/22-23; 24.09.2022                                      |
| Nature of Sampling              | Ambient Air Sample  |
| Sampling Location & Coordinates | AAQ2-Near Security Barak:21°41'2.88"N Latitude & 85°25'56.46"E Longitude  |
| Sampling By                     | BIOME's Representative  |
| Instrument Used                 | Respirable Dust Sampler, Fine Dust Sampler, Gaseous Attachment            |

| Date Of Sampling    | PM10 (µg/m <sup>3</sup> ) | PM2.5 (µg/m <sup>3</sup> ) | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>x</sub> (µg/m <sup>3</sup> ) |
|---------------------|---------------------------|----------------------------|--------------------------------------|--------------------------------------|
| 03.11.2022          | 67.1                      | 34.2                       | 10.8                                 | 18.5                                 |
| 07.11.2022          | 69.4                      | 35.6                       | 11.6                                 | 19.2                                 |
| 10.11.2022          | 70.5                      | 36.5                       | 12.1                                 | 20.2                                 |
| 14.11.2022          | 66.2                      | 34.6                       | 11.1                                 | 18.7                                 |
| 17.11.2022          | 65.2                      | 33.8                       | 10.6                                 | 18.1                                 |
| 21.11.2022          | 68.6                      | 35.2                       | 11.2                                 | 18.8                                 |
| 24.11.2022          | 67.2                      | 34.9                       | 10.8                                 | 19.2                                 |
| 28.11.2022          | 68.5                      | 35.5                       | 11.6                                 | 19.8                                 |
| NAAQ* Standard      | 100                       | 60                         | 80                                   | 80                                   |
| Methods of Analysis | IS:5182 (Part-23)         | IS:5182 (Part-24)          | IS:5182 (Part-2)                     | IS:5182 (Part-6)                     |



  
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[ISO 14001:2015, ISO 9001:2015 & ISO 45001:2018 Certified Organization]

Issued Date-08.12.2022

Report No -BMS/22/SML- Anra/392

## AMBIENT AIR QUALITY MONITORING TEST REPORT

|                       |   |
|-----------------------|---|
| Client Name & Address | M/s Sree Metaliks Ltd, ANRA, Upper Raigoda, Banspal Dist-Keonjhar, Odisha |
| Work Order No./ Date  | SML/BBL/ENV/WO/205/22-23; 24.09.2022                                      |
| Nature of Sampling    | Ambient Air Sample  |
| Sampling By           | BIOME's Representative  |
| Instrument Used       | CO Analyser   |

| Name of Location       | A1<br>Near Entry<br>Gate   | A2<br>Near Security<br>Barak |
|------------------------|----------------------------|------------------------------|
| Date Of Sampling       | CO<br>(mg/m <sup>3</sup> ) | CO<br>(mg/m <sup>3</sup> )   |
| 03.11.2022             | 0.58                       | 0.53                         |
| 07.11.2022             | 0.6                        | 0.55                         |
| 10.11.2022             | 0.62                       | 0.58                         |
| 14.11.2022             | 0.6                        | 0.55                         |
| 17.11.2022             | 0.58                       | 0.52                         |
| 21.11.2022             | 0.6                        | 0.54                         |
| 24.11.2022             | 0.61                       | 0.55                         |
| 28.11.2022             | 0.62                       | 0.57                         |
| NAAQ*<br>Standard      | 4                          | 4                            |
| Methods of<br>Analysis | IS: 5182<br>(Part- 10)     | IS:5182<br>(Part-10)         |



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TC-10049

Report No -BMS/22/SML-Anra/393

Issued Date-08.12.2022

## FUGITIVE MONITORING TEST REPORT

|                       |   |
|-----------------------|---|
| Client Name & Address | M/s Sree Metaliks Ltd, ANRA, Upper Raigoda, Banspal Dist-Keonjhar, Odisha |
| Work Order No./ Date  | SML/BBL/ENV/WO/205/22-23; 24.09.2022                                      |
| Nature of Sampling    | AAQ-Fugitive Dust Sample  |
| Sampling By           | BIOME's Representative  |
| Instrument Used       | Respirable Dust Sampler   |

| Sl. No.             | Name of Location | Latitude      | Longitude     | Date of Sampling | Result            |
|---------------------|------------------|---------------|---------------|------------------|-------------------|
| 1                   | Near W.Bridge-1  | 21°40'67.60"N | 85°26'45.20"E | 11.11.2022       | 965.2             |
| 2                   | Near W.Bridge-2  | 21°40'55.60"N | 85°26'16.20"E | 11.11.2022       | 897.4             |
| Fugitive Standard   |                  |               |               |                  | 1200              |
| Methods of Analysis |                  |               |               |                  | IS:5182 (Part-24) |



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Report No -BMS/22/SML-Anra/394

Issued Date-08.12.2022

## AMBIENT NOISE LEVEL MONITORING TEST REPORT

|                       |   |
|-----------------------|---|
| Client Name & Address | M/s Sree Metaliks Ltd, ANRA, Upper Raigoda, Banspal Dist-Keonjhar, Odisha   |
| Work Order No./ Date  | SML/BBL/ENV/WO/205/22-23; 24.09.2022  |
| Nature of Sampling    | Ambient Noise   |
| Sampling Location     | N1-Near Entry Gate; Latitude 21°41'13.17"N & Longitude 85°26'17.90"E<br>N2-Near Security Barak; Latitude 21°41'2.88"N & Longitude 85°25'56.46"E |
| Sampling By           | BIOME's Representative  |
| Instrument Used       | Noise Meter   |
| Date of Sampling      | 19.11.2022  |
| Date of Receiving     | 21.11.2022  |

| Day time Noise monitoring results Noise Level in dB (A)   |      |      |
|---|------|------|
| TIME (6.00AM to 10.00PM)                                  | N-1  | N-2  |
| Avg.  | 68.6 | 61.1 |
| Standard as per CPCB                                      | 75   | 75   |
| Night time Noise monitoring results Noise Level in dB (A) |      |      |
| TIME (10.00PM to 6.00AM)                                  | N-1  | N-2  |
| Avg.  | 57.8 | 44.9 |
| Standard as per CPCB                                      | 70   | 70   |



  
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Report No –BMS/22/SML-Anra/395

Issued Date-08. 12.2022

## WORK ZONE NOISE LEVEL MONITORING TEST REPORT

|                      |  |
|----------------------|--|
| Client Name &Address | M/s Sree Metaliks Ltd, ANRA, Upper Raigoda, Banspal Dist-Keonjhar, Odisha  |
| Work Order No./ Date | SML/BBL/ENV/WO/205/22-23; 24.09.2022   |
| Nature of Sampling   | Work Zone Noise  |
| Sampling Location    | N1- Near W.Bridge-1; Latitude 21°40'67.60"N & Longitude 85°26'45.20"E<br>N2- Near W.Bridge-2; Latitude 21°40'55.60"N & Longitude 85°26'16.20"E |
| Sampling By          | BIOME's Representative   |
| Instrument Used      | Noise Meter  |
| Date of Sampling     | 19.11.2022   |
| Date of Receiving    | 21.11.2022   |

| Day time Noise monitoring results Noise Level in dB (A)   |      |      |
|---|------|------|
| TIME (6.00AM to 10.00PM)                                  | N-1  | N-2  |
| Avg.  | 70.8 | 70.6 |
| Standard as per CPCB                                      | 75   |      |
| Night time Noise monitoring results Noise Level in dB (A) |      |      |
| TIME (10.00PM to 6.00AM)                                  | N-1  | N-2  |
| Avg.  | 65.8 | 64.2 |
| Standard as per CPCB                                      | 70   |      |



  
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