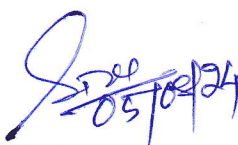


**STACK EMISSION REPORT OF FUME TREATMENT PLANT  
FOR THE MONTH JULY 2024**

| LOCATION | DATE OF TEST | STACK DISCHARGE VOLUME<br>Nm <sup>3</sup> / hr | GASEOUS FLUORIDE<br>mg/ Nm <sup>3</sup> | PARTICULATE FLUORIDE<br>mg/ Nm <sup>3</sup> | TOTAL FLUORIDE<br>mg/ Nm <sup>3</sup> | TOTAL PARTICULATE<br>mg/ Nm <sup>3</sup> |
|----------|--------------|------------------------------------------------|-----------------------------------------|---------------------------------------------|---------------------------------------|------------------------------------------|
| FTP-1    | 01.07.2024   | 734944                                         | 1.03                                    | 0.81                                        | 1.84                                  | 51.44                                    |
|          | 22.07.2024   | 738134                                         | 0.93                                    | 0.80                                        | 1.73                                  | 31.49                                    |
| FTP-2    | 01.07.2024   | 766467                                         | 2.62                                    | 0.32                                        | 2.94                                  | 31.08                                    |
|          | 24.07.2024   | 767235                                         | 0.83                                    | 0.41                                        | 1.24                                  | 29.21                                    |
| FTP-3    | 02.07.2024   | 729633                                         | 1.02                                    | 0.36                                        | 1.38                                  | 26.47                                    |
|          | 20.07.2024   | 739881                                         | 2.65                                    | 0.28                                        | 2.93                                  | 35.06                                    |
| FTP-4    | 03.07.2024   | 745371                                         | 0.87                                    | 0.14                                        | 1.01                                  | 32.03                                    |
|          | 22.07.2024   | 742943                                         | 1.26                                    | 0.84                                        | 2.10                                  | 38.72                                    |
| FTP-5    | 02.07.2024   | 812744                                         | 1.15                                    | 0.14                                        | 1.29                                  | 38.81                                    |
|          | 26.07.2024   | 738134                                         | 0.93                                    | 0.80                                        | 1.73                                  | 31.49                                    |
| FTP-6    | 03.07.2024   | 763979                                         | 0.72                                    | 0.19                                        | 0.91                                  | 37.27                                    |
|          | 22.07.2024   | 738183                                         | 1.85                                    | 0.77                                        | 2.62                                  | 37.39                                    |
| FTP-7    | 04.07.2024   | 883063                                         | 1.49                                    | 0.17                                        | 1.66                                  | 48.70                                    |
|          | 24.07.2024   | 881536                                         | 0.93                                    | 0.26                                        | 1.19                                  | 39.07                                    |
| FTP-8    | 04.07.2024   | 976450                                         | 0.98                                    | 0.22                                        | 1.20                                  | 34.25                                    |
|          | 26.07.2024   | 993250                                         | 0.71                                    | 0.38                                        | 1.09                                  | 66.32                                    |

**NOTE:**

1. Total Fluoride emission 0.200 Kg/ Ton of Aluminum produced, against total hot metal Production 39179 MT.
2. **Orissa State Pollution Control Board Norm :**  
Total Fluoride emission: 0.300 Kg / Ton of Aluminum produced  
Total particulate: 100 mg/Nm<sup>3</sup>.  
Stack discharge volume: 9, 93,600 Nm<sup>3</sup>/hr

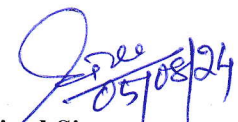
  
Authorised Signatory, S.K.Dhal  
प्रबंधक (लेब)/Manager (Lab)  
NALCO, Smelter Plant, Angul

F60G8/QC/4.5.1  
Issue No 001.Rev 00  
Dt.04.07.2013

**STACK EMISSION REPORT OF BAKE OVEN PLANT  
FOR THE MONTH OF JULY 2024**

| LOCATION | DATE OF TEST | STACK DISCHARGE VOLUME<br>Nm <sup>3</sup> /hr | GASEOUS FLUORIDE<br>mg/ Nm <sup>3</sup> | PARTICULATE FLUORIDE<br>mg/ Nm <sup>3</sup> | TOTAL FLUORIDE<br>mg/ Nm <sup>3</sup> | TOTAL PARTICULATE MATTER<br>mg/ Nm <sup>3</sup> |
|----------|--------------|-----------------------------------------------|-----------------------------------------|---------------------------------------------|---------------------------------------|-------------------------------------------------|
| BO-I     | 08.07.2024   | 159784                                        | 1.04                                    | 0.14                                        | 1.18                                  | 35.89                                           |
|          | 25.07.2024   | 159350                                        | 0.60                                    | 0.24                                        | 0.84                                  | 41.17                                           |
| BO-II    | 09.07.2024   | 200640                                        | 1.72                                    | 0.19                                        | 1.91                                  | 48.66                                           |
|          | 25.07.2024   | 200751                                        | 1.41                                    | 0.23                                        | 1.64                                  | 37.50                                           |

- I. Total Fluoride emission **0.013 Kg/ Ton** of Aluminium produced, against total hot metal Production **39179 MT**.
- II. **Orissa State Pollution Control Board Norm:**  
Total Fluoride emission: 0.1 kg/Ton of Aluminium produced  
Total particulate: 50 mg/Nm<sup>3</sup>.  
Stack discharge volume BO-I: 1,60,000 Nm<sup>3</sup>/hr  
Stack discharge volume BO-II: 2,00,880 Nm<sup>3</sup>/hr

  
**Authorised Signatory**  
श्री. सु. कु. धल/S.K.Dhal  
अधक (लेब)/Manager (Lab)  
CO. Smelter Plant, Angul



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Mob. No. : 9831287086  
9830093976

DOC NO : QLS/SAMP/08-B/00

## TEST REPORT

|                                                                                                                                                      |                                                                                                                                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Name &amp; Address Of the Customer :</b><br><b>M/s. National Aluminium Company Limited</b><br>Smelter Plant Division,<br>Angul,<br>Odisha- 759145 | <b>Report No.</b> : QLS/MR/A/24-25/C/635<br><b>Date</b> : 31.07.2024<br><b>Sample No.</b> : QLS/MR/A/24-25/635-644<br><b>Sample Description</b> : Stack Flue Gas<br><b>Date of Performance(s)</b> : 24.07.2024-31.07.2024 |
| Ref No & Date: SMLT/T&C/S20/OMC-5639/5300007582/WO/7329, Dated. 13.04.2023                                                                           |                                                                                                                                                                                                                           |

## Analysis Result

| Sampling Done by: S.Poddar                                |          |                  |             | Sampling done as per : EPA/IS         |                                       |            |                |                                         |
|-----------------------------------------------------------|----------|------------------|-------------|---------------------------------------|---------------------------------------|------------|----------------|-----------------------------------------|
| Sample No.                                                | Location | Date of Sampling | Time (hrs.) | SO <sub>2</sub> (mg/Nm <sup>3</sup> ) | NO <sub>x</sub> (mg/Nm <sup>3</sup> ) | Temp. (°C) | Velocity (m/s) | Discharge Volume (Nm <sup>3</sup> /hr.) |
| 635                                                       | FTP-1    | 25.07.2024       | 10:00       | 40.4                                  | 29.0                                  | 98         | 21.38          | 883001                                  |
| 636                                                       | FTP-2    |                  | 11.05       | 53.8                                  | 36.2                                  | 97         | 23.33          | 966037                                  |
| 637                                                       | FTP-3    |                  | 12.00       | 33.1                                  | 33.2                                  | 100        | 18.81          | 771731                                  |
| 638                                                       | FTP-4    |                  | 14.00       | 40.2                                  | 30.6                                  | 98         | 18.3           | 754794                                  |
| 639                                                       | FTP-5    | 24.07.2024       | 11:10       | 37.5                                  | 32.0                                  | 100        | 9.6            | 717887                                  |
| 640                                                       | FTP-6    |                  | 11.50       | 29.9                                  | 27.6                                  | 97         | 10.36          | 781826                                  |
| 641                                                       | GTC-7    |                  | 14.38       | 64.7                                  | 33.0                                  | 100        | 10.96          | 954174                                  |
| 642                                                       | GTC-8    |                  | 15:15       | 56.8                                  | 36.2                                  | 98         | 10.32          | 903238                                  |
| 643                                                       | B.O-1    |                  | 10:40       | 253.7                                 | 129.0                                 | 101        | 9.9            | 174433                                  |
| 644                                                       | B.O-2    |                  | 9.45        | 228.8                                 | 117.6                                 | 95         | 11.10          | 265649                                  |
| <b>METHOD OF TEST REFERENCE</b>                           |          |                  |             |                                       |                                       |            |                |                                         |
| EPA Part-2 : for Temperature, Velocity & Discharge Volume |          |                  |             |                                       |                                       |            |                |                                         |
| EPA Part-6 : for Sulphur dioxide                          |          |                  |             |                                       |                                       |            |                |                                         |
| EPA Part-7 : for Oxides of Nitrogen                       |          |                  |             |                                       |                                       |            |                |                                         |

Report Prepared By: *Lon*

for Qualissure Laboratory Services

Reviewed & Authorized By

Benimadhab Gorai, Chemist  
(Authorized Signatory)

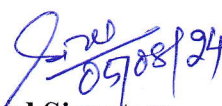
-----End of the Report-----

- The results relate only to the item(s) tested.
- This Test Report shall not be reproduced without the permission of Qualissure Laboratory Services
- The reserved part of sample(s). except perishable sample(s), shall be retained for 30 days from the date of issue of the Test Report

F60G10/QC/4.5.1  
Issue No 001.Rev 00  
Dt. 04.07.2013

**FUGITIVE EMISSION OF FLUORIDE IN POTROOMS  
FOR THE MONTH OF JULY 2024**

| Location   | Date of Sampling         | No of Pots in operation | Fugitive emission in mg/m <sup>3</sup> (Average) | Average fugitive emission mg/m <sup>3</sup> | Average fugitive emission in kg/T of Al from pot rooms (Kg/T of Al) | OSPCB NORM: Total Fugitive emission from Pot rooms (Kg/T of Al) |
|------------|--------------------------|-------------------------|--------------------------------------------------|---------------------------------------------|---------------------------------------------------------------------|-----------------------------------------------------------------|
| Pot room-A | 10.07.2024<br>12.07.2024 | 120                     | 0.63                                             | 0.815                                       | 0.267                                                               | 0.4                                                             |
| Pot room-B | 10.07.2024<br>12.07.2024 | 120                     | 0.74                                             |                                             |                                                                     |                                                                 |
| Pot room-C | 11.07.2024<br>13.07.2024 | 119                     | 0.67                                             |                                             |                                                                     |                                                                 |
| Pot room-D | 11.07.2024<br>13.07.2024 | 118                     | 0.64                                             |                                             |                                                                     |                                                                 |
| Pot room-E | 16.07.2024<br>18.06.2024 | 112                     | 0.99                                             |                                             |                                                                     |                                                                 |
| Pot room-F | 16.07.2024<br>18.07.2024 | 119                     | 0.90                                             |                                             |                                                                     |                                                                 |
| Pot room-G | 15.07.2024<br>17.07.2024 | 120                     | 1.30                                             |                                             |                                                                     |                                                                 |
| Pot room-H | 15.07.2024<br>17.07.2024 | 119                     | 0.65                                             |                                             |                                                                     |                                                                 |

  
**Authorised Signatory**  
श. कुमार धल/S.K.Dhal  
(लेब)/Manager (Lab)  
Smelter Plant, Angul

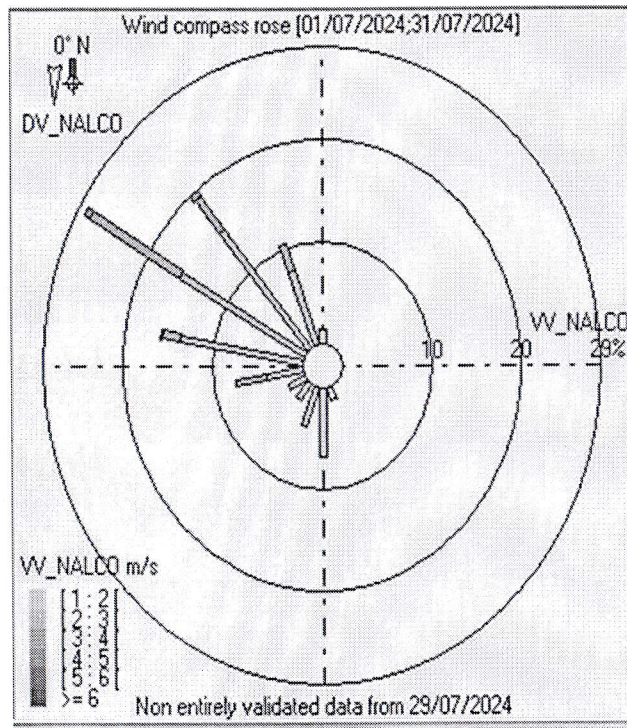
**MAXIMUM & MINIMUM TEMPERATURE AND RAIN FALL****JULY 2024**

| DATE                               | MAXIMUM TEMP. (deg.C) | MINIMUM TEMP. (deg C) | RAIN FALL (mm)    |
|------------------------------------|-----------------------|-----------------------|-------------------|
| 01-Jul                             | 33.0                  | 26.0                  | 3.9               |
| 02-Jul                             | 29.0                  | 24.0                  | 11.8              |
| 03-Jul                             | 29.0                  | 24.0                  | 2.1               |
| 04-Jul                             | 30.0                  | 26.0                  | 3.3               |
| 05-Jul                             | 29.0                  | 26.0                  | 14.9              |
| 06-Jul                             | 32.0                  | 25.0                  | 30.4              |
| 07-Jul                             | 35.0                  | 25.0                  | 12.0              |
| 08-Jul                             | 34.0                  | 26.0                  | 0.0               |
| 09-Jul                             | 36.0                  | 27.0                  | 0.0               |
| 10-Jul                             | 37.0                  | 28.0                  | 0.0               |
| 11-Jul                             | 34.0                  | 28.0                  | 0.0               |
| 12-Jul                             | 34.0                  | 26.0                  | 0.0               |
| 13-Jul                             | 34.0                  | 26.0                  | 3.0               |
| 14-Jul                             | 35.0                  | 27.0                  | 6.0               |
| 15-Jul                             | 33.0                  | 26.0                  | 5.9               |
| 16-Jul                             | 31.0                  | 27.0                  | 16.7              |
| 17-Jul                             | 34.0                  | 26.0                  | 0.0               |
| 18-Jul                             | 32.0                  | 26.0                  | 17.3              |
| 19-Jul                             | 35.0                  | 26.0                  | 8.8               |
| 20-Jul                             | 32.0                  | 26.0                  | 22.2              |
| 21-Jul                             | 32.0                  | 26.0                  | 32.0              |
| 22-Jul                             | 28.0                  | 26.0                  | 92.0              |
| 23-Jul                             | 28.0                  | 26.0                  | 83.3              |
| 24-Jul                             | 30.0                  | 27.0                  | 1.8               |
| 25-Jul                             | 29.0                  | 27.0                  | 20.0              |
| 26-Jul                             | 30.0                  | 27.0                  | 4.0               |
| 27-Jul                             | 32.0                  | 27.0                  | 0.0               |
| 28-Jul                             | 32.0                  | 27.0                  | 2.0               |
| 29-Jul                             | 33.0                  | 28.0                  | 0.0               |
| 30-Jul                             | 35.0                  | 28.0                  | 6.2               |
| 31-Jul                             | 31.0                  | 27.0                  | 3.0               |
| Max. Temp. for the month in Deg.C  |                       | 37.0                  |                   |
| Min. Temp. for the month in Deg.C. |                       | 24.0                  |                   |
| Total rainfall (mm) -              |                       | 402.6                 | YEAR 2024: 832.80 |

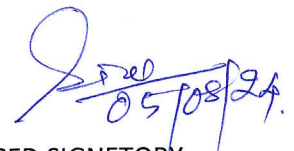
Authorised Signatory

सुभांत कुमार धल/S.K.Dhal  
 प्रबंधक (लेब)/Manager (Lab)  
 NALCO, Smelter Plant, Angul

**AIR LABORATORY**  
**नालको**  **NALCO**  
**WINDROSE FOR THE MONTH OF JULY 2024**



|               | < 1   | [ 1 : 2 [ | [ 2 : 3 [ | [ 3 : 4 [ | [ 4 : 5 [ | [ 5 : 6 [ | >= 6 | Accumulation |
|---------------|-------|-----------|-----------|-----------|-----------|-----------|------|--------------|
| [ 350 : 10 [  | 20.4  | 1.4       |           |           |           |           |      | 1.4          |
| [ 10 : 30 [   | 17.0  |           |           |           |           |           |      |              |
| [ 30 : 50 [   | 9.5   |           |           |           |           |           |      |              |
| [ 50 : 70 [   | 10.7  |           |           |           |           |           |      |              |
| [ 70 : 90 [   | 15.5  |           |           |           |           |           |      |              |
| [ 90 : 110 [  | 23.0  |           |           |           |           |           |      |              |
| [ 110 : 130 [ | 15.6  |           |           |           |           |           |      |              |
| [ 130 : 150 [ | 8.1   |           |           |           |           |           |      |              |
| [ 150 : 170 [ | 12.0  | 1.4       |           |           |           |           |      | 1.4          |
| [ 170 : 190 [ | 18.2  | 6.9       |           |           |           |           |      | 6.9          |
| [ 190 : 210 [ | 16.5  | 4.1       |           |           |           |           |      | 4.1          |
| [ 210 : 230 [ | 23.0  | 2.1       |           |           |           |           |      | 2.1          |
| [ 230 : 250 [ | 26.8  | 2.1       |           |           |           |           |      | 2.1          |
| [ 250 : 270 [ | 22.7  | 4.1       | 3.4       |           |           |           |      | 7.6          |
| [ 270 : 290 [ | 38.8  | 13.7      | 2.1       | 0.2       |           |           |      | 16.0         |
| [ 290 : 310 [ | 38.7  | 15.8      | 11.7      | 0.7       |           |           |      | 28.2         |
| [ 310 : 330 [ | 30.4  | 15.1      | 4.1       | 0.7       |           |           |      | 19.9         |
| [ 330 : 350 [ | 26.3  | 7.7       | 2.7       |           |           |           |      | 10.5         |
| Accumulation  | 373.2 | 74.4      | 24.1      | 1.5       |           |           |      | 100 %        |

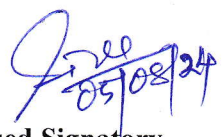
  
 05/08/24  
 AUTHORISED SIGNETORY  
 सुभाष कुमार धल/S.K.Dhal  
 निबंधक (लेब)/Manager (Lab)  
 NALCO, Smelter Plant, Angul

F60G4/QC/4.5.1  
Issue No 001.Rev 00  
Dt.04.07.2013

**ANALYSIS REPORT OF GROUND WATER AND SURFACE WATER  
FOR THE MONTH JULY 2024**

| Sl. No. | Sampling place                   | Approx. Distance from Storm water Channel (in meter) | Fluoride mg/l (Norm 1.5 ) | pH (Norm 6.5-9.0) |
|---------|----------------------------------|------------------------------------------------------|---------------------------|-------------------|
| 1       | Open Pond (Kulad)                | 200                                                  | *                         | *                 |
| 2       | Open Pond (Kulad)                | 100                                                  | *                         | *                 |
| 3       | Bore Well ( Kulad)               | 100                                                  | 1.08                      | 6.8               |
| 4       | Open Well Kulad)                 | 75                                                   | 1.27                      | 7.3               |
| 5       | Open Pond ( Bonda)               | 100                                                  | 1.45                      | 7.9               |
| 6       | Open well (Bonda)                | 100                                                  | 0.21                      | 6.9               |
| 7       | Open Pond (Bonda – Rly. Culvert) | 15                                                   | 1.48                      | 7.2               |
| 8       | Tube Well (Bonda)                | 100                                                  | 0.90                      | 6.7               |
| 9       | Open well (Bonda)                | 50                                                   | *                         | *                 |
| 10      | Open Well ( Chowadhia)           | 10                                                   | *                         | *                 |
| 11      | Open Well (Chowadhia)            | 15                                                   | *                         | *                 |
| 12      | Tube Well ( Chowadhia)           | 100                                                  | *                         | *                 |
| 13      | Open Pond (Chowadhia)            | 100                                                  | 0.76                      | 7.9               |
| 14      | Open Pond ( Banarpal)            | 200                                                  | 0.81                      | 6.8               |
| 15      | Open Pond (Banarpal)             | 200                                                  | 1.10                      | 7.4               |

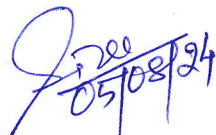
- Sample could not be collected as access to the location was restricted.

  
**Authorised Signatory**  
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F60G5/QC/4.5.1  
Issue No 001.Rev 00  
Dt.04.07.2013

**ANALYSIS REPORT OF GROUND AND SURFACE WATER**  
(SURROUNDING VILLAGES OF SMELTER PLANT)  
FOR THE MONTH OF **JULY 2024**

| Sl. No. | Sampling place           | Direction with respect to Smelter Plant | Approx. Distance from Smelter Plant Km | Fluoride mg/l (Norm 1.5 ) | pH (Norm 6.5-9.0) |
|---------|--------------------------|-----------------------------------------|----------------------------------------|---------------------------|-------------------|
| 1       | TURANGA TUBEWELL         | NW                                      | 4                                      | 0.47                      | 7.0               |
| 2       | KURUDOL OPEN WELL        | NW                                      | 5                                      | 0.67                      | 7.0               |
| 3       | BALARAM PRASAD TUBE WELL | N                                       | 5                                      | 0.58                      | 6.9               |
| 4       | GOTAMARA OPEN WELL       | NE                                      | 6                                      | 0.31                      | 6.8               |
| 5       | TULASIPAL OPEN WELL      | SE                                      | 4                                      | 0.75                      | 7.5               |
| 6       | LANGULIABERA OPEN WELL   | S                                       | 3                                      | 0.38                      | 7.9               |
| 7       | GOPINATHPUR OPEN WELL    | SW                                      | 2.5                                    | 0.53                      | 7.0               |
| 8       | ANKULA TUBE WELL         | W                                       | 2                                      | 0.59                      | 6.7               |

  
05/08/24  
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F60G7/QC/4.5.1  
Issue No 001.Rev 00  
Dt.02.07.2015

**ANALYSIS OF TREATED EFFLUENT FROM SEWAGE TREATMENT PLANT  
(INSIDE TOWNSHIP)  
FOR THE MONTH OF JULY 2024**

Sample Collected on: 10.07.2024

| Sl. No | Parameters                                         | Units         | Norms<br>(max) | Analysis |
|--------|----------------------------------------------------|---------------|----------------|----------|
| 1      | pH                                                 | -             | 6.5 to 9.0     | 7.3      |
| 2      | Suspended solids                                   | mg/l          | 100            | 05       |
| 3      | BOD 3 days at 27 deg. C                            | mg/l          | 30             | 04       |
| 4      | Fecal Coliform<br>(Sample collected on 29.07.2024) | MPN<br>/100ml | 1000           | 95       |

  
Authorised Signatory  
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NALCO, Smelter Plant, Angul

F60G7/QC/4.5.1  
Issue No 001.Rev 00  
Dt.02.07.2015

**ANALYSIS OF TREATED EFFLUENT FROM SEWAGE TREATMENT PLANT  
(NEAR CISF BARRACK)  
FOR THE MONTH OF JULY 2024**

Sample Collected on: 10.07.2024

| Sl. No | Parameters                                         | Units     | Norms<br>(max) | Analysis |
|--------|----------------------------------------------------|-----------|----------------|----------|
| 1      | pH                                                 | -         | 6.5 to 9.0     | 6.8      |
| 2      | Suspended solids                                   | mg/l      | 100            | 11       |
| 3      | BOD 3 days at 27 deg. C                            | mg/l      | 30             | 06       |
| 4      | Fecal Coliform<br>(Sample collected on 29.07.2024) | MPN/100ml | 1000           | 90       |

  
Authorised Signatory  
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F61B/QC/4.5.1  
ISSUE No.01 REV00  
Dt.04.07.2013

## BORE WELL ANALYSIS REPORT

FOR THE MONTH OF JULY 2024

| Sl No. | Location                                    | Date of Collection and analysis | pH<br>( Norm 6.5-9.0) | Fluoride as F mg/l<br>( Norm 1.5 ) | Cyanide as CN mg/l<br>( Norm 0.2 ) |
|--------|---------------------------------------------|---------------------------------|-----------------------|------------------------------------|------------------------------------|
| 1      | Bore well -3<br>(Hazardous waste land fill) | 10.07.2024                      | 8.3                   | 0.59                               | ND                                 |
| 2      | Bore well -4<br>(Hazardous waste land fill) | 10.07.2024                      | 7.9                   | 0.57                               | ND                                 |
| 3      | Bore well -5<br>(Hazardous waste land fill) | 10.07.2024                      | 7.5                   | 0.53                               | ND                                 |

**Note:**

1) ND – Not detectable.

  
**Authorised Signatory**  
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संधक (लैब)/Manager (Lab)  
M CO. Smelter Plant, Angul

## FORAGE FLUORIDE MONITORING (GRASS SAMPLES) REPORTS AROUND SMLETER PLANT

FOR THE MONTH OF JULY 2024

| SL. No | Location      | Direction w.r.t Smelter Plant | Date of collection of sample | Fluoride content (dry basis) in ppm for the month of JULY'24 | Fluoride content (dry basis) in ppm for the month of JUNE'24 | Average of two consecutive months in ppm |
|--------|---------------|-------------------------------|------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|------------------------------------------|
| 1      | Bonda         | South-East                    | 11.07.2024                   | 39.5                                                         | 28.3                                                         | 33.9                                     |
| 2      | Tulsipal      | South-East                    | 09.07.2024                   | 37                                                           | 33.6                                                         | 35.3                                     |
| 3      | Languliabeda  | South-West                    | 09.07.2024                   | 35.5                                                         | 35.7                                                         | 35.6                                     |
| 4      | Banarpal      | East                          | 08.07.2024                   | 36.5                                                         | 37                                                           | 36.75                                    |
| 5      | Turang        | West                          | 06.07.2024                   | 39.8                                                         | 39                                                           | 39.4                                     |
| 6      | Balaramprasad | North                         | 05.07.2024                   | 34.5                                                         | 38.8                                                         | 36.65                                    |

Norm- For single month - 80ppm  
Average of two consecutive months - 60 ppm  
Annual average - 40 ppm

  
Authorised Signatory  
श्रीत कुमार धल/S.K.Dhal  
अंधक (लेब)/Manager (Lab)  
S.M. Smelter Plant, Angul