

### Billing Proforma for Ambient Air Quality Monitored by : Jharkhand State Pollution Control Board

Name of city : Dhanbad  
Name of State : Jharkhand

| S.No. | Sampling Location          | Station Type | Station Code | Month    | Year | Parameters Monitored   | Remarks |
|-------|----------------------------|--------------|--------------|----------|------|--|---------|
| 1     | Regional Office<br>Dhanbad | R            | 44           | February | 2008 | Meteorological Data<br>SO <sub>2</sub> , NO <sub>x</sub> , RSPM, SPM |         |
| 2     | MADA, Jharia               | I            | 332          | February | 2008 | SO <sub>2</sub> , NO <sub>x</sub> , RSPM, SPM                        |         |
| 3     | PDIL, Sindi                | R            | 46           | February | 2008 | SO <sub>2</sub> , NO <sub>x</sub> , RSPM, SPM                        |         |

Kindly fill in 'R' if station falls in Residential Area 'I' if station in Industrial Area 'S' if station falls in Sensitive area

Total number of monitoring stations. = 03 (Three)

Amount to be released = Rs 4266 × 3 = 12798.00

In words (Rs. Twelve Thousand Seven Hundred Ninty Eight Only )

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(S.S. Hoda)  
R.O. Dhanbad

**TABLE C : Summary of Ambient Air Quality Data Monitored by : Jhankhand State Pollution Control Board**

Name of City : Dhanbad  
Name of State : Jharkhand

| S. No. | Sampling Location Address | Station Type | Station Code | Month and Year | SO2 |       |      |       | M  |       |      |       | RSPM |        |        |       |        | SPM |        |        |       |        |
|--------|---------------------------|--------------|--------------|----------------|-----|-------|------|-------|----|-------|------|-------|------|--------|--------|-------|--------|-----|--------|--------|-------|--------|
|        |                           |              |              |                | n   | A.M.  | S.D. | Max.  | n  | A.M.  | S.D. | Max.  | n    | A.M.   | G.M.   | S.D.  | Max.   | n   | A.M.   | G.M.   | S.D.  | Max.   |
| 1      | R.O Dhanbad               | R            | 44           | February 2008  | 56  | 20.63 | 3.16 | 35.67 | 56 | 45.42 | 6.81 | 87.61 | 29   | 140.16 | 136.73 | 32.09 | 247.29 | 29  | 205.83 | 202.04 | 41.36 | 332.00 |
| 2      | MADA Jharia               | I            | 332          | February 2008  | 42  | 19.16 | 1.66 | 31.38 | 42 | 44.07 | 4.33 | 60.95 | 21   | 234.21 | 222.81 | 70.66 | 376.00 | 21  | 325.61 | 314.40 | 85.37 | 496.00 |
| 3      | PDIL Sindri               | R            | 46           | February 2008  | 60  | 18.98 | 3.07 | 32.19 | 60 | 43.14 | 5.74 | 74.53 | 30   | 159.14 | 156.78 | 29.39 | 256.00 | 30  | 224.91 | 222.13 | 37.84 | 360.00 |

\* Kindly fill in 'R' if station falls in Residential Area 'I' if station in Industrial Area 'S' if station falls in Sensitive area

\* Kindly fill in Whether conditions as Clear / Cloudy/ Rainy/ Cycione/ Dust Storm/ Calm condition (one or more may be applicable)

Note n = No of observation (in days)  
A.M = Arithmetic mean in ug/m<sup>3</sup>  
S.D = Standard Deviation  
Max = Max value (24 hours average in ug/m<sup>3</sup>)  
G.M = Geometric Mean in ug/m<sup>3</sup>

(J.S.A)

(S.S. Hoda)  
R.O. Dhanbad

**TABLE D : Meteorological Data Monitored by : Jhankhand State Pollution Control Board**

Sampling Location Address : Regional Office, Dhanbad

Name of City : Dhanbad  
Name of State : Jharkhand

Station Type : R  
Station Code : 44  
Month : February  
Year : 2008

| S.<br>N<br>O | Hrs         | 06-10  |       |       |     | 10-14  |       |       |      | 14-18  |       |       |     | 18-22  |       |       |     | 22-02  |       |       |     | 06-02  |       |       |     | Weather<br>Conditions | Remark |
|--------------|-------------|--------|-------|-------|-----|--------|-------|-------|------|--------|-------|-------|-----|--------|-------|-------|-----|--------|-------|-------|-----|--------|-------|-------|-----|-----------------------|--------|
|              |             | Date   | Temp  | R.H   | W.S | W.D.   | Temp  | R.H   | W.S. | W.D.   | Temp  | R.H   | W.S | W.D.   | Temp  | R.H   | W.S | W.D.   | Temp  | R.H   | W.S | W.D.   | Temp. | R.H   | W.S |                       |        |
| 1            | 4/5-02-08   | 16.00  | 70.00 | 0.675 | NNE | 28.00  | 71.00 | 1.775 | NNE  | 18.000 | 79.75 | 0.975 | NNE | 16.760 | 78.75 | 0.950 | EEN | 15.00  | 80.50 | 0.225 | EEN | 13.25  | 88.00 | 0.200 | NNE | Clear                 |        |
| 2            | 6/7-02-08   | 14.75  | 55.25 | 0.200 | NNE | 19.000 | 51.75 | 0.325 | NNE  | 20.50  | 51.50 | 0.275 | NNE | 18.500 | 57.75 | 0.40  | NNE | 16.75  | 56.75 | 0.225 | NNE | 14.50  | 55.50 | 0.45  | NNE | Clear                 |        |
| 3            | 8/9-02-08   | 17.25  | 83.00 | 0.875 | NNE | 20.000 | 81.00 | 0.275 | NNE  | 20.25  | 83.25 | 1.350 | SSW | 18.500 | 85.00 | 2.000 | SSW | 16.25  | 89.00 | 1.725 | NNE | 14.000 | 88.75 | 2.550 | SSW | Clear                 |        |
| 4            | 11/12-02-08 | 16.25  | 72.75 | 0.150 | WWN | 19.75  | 68.75 | 1.725 | WWN  | 19.50  | 83.25 | 1.575 | WWN | 17.75  | 89.50 | 2.35  | NNE | 15.50  | 88.50 | 1.65  | NNE | 12.25  | 88.00 | 1.275 | WWN | Clear                 |        |
| 5            | 13/14-02-08 | 16.50  | 57.50 | 1.100 | NNE | 20.500 | 54.75 | 3.700 | NNE  | 20.500 | 63.00 | 0.975 | EEN | 19.00  | 62.00 | 1.125 | EEN | 17.000 | 67.00 | 0.925 | NNE | 14.500 | 60.00 | 1.050 | NNE | Clear                 |        |
| 6            | 15/16-02-08 | 15.250 | 57.50 | 2.000 | WWN | 18.25  | 51.75 | 4.000 | NNE  | 21.250 | 58.50 | 1.950 | NNE | 19.75  | 59.50 | 1.675 | NNE | 17.750 | 63.75 | 1.425 | EES | 15.00  | 63.00 | 2.325 | EES | Clear                 |        |
| 7            | 18/19-02-08 | 14.500 | 81.25 | 0.650 | NNE | 21.25  | 74.00 | 2.325 | WWN  | 22.50  | 70.00 | 1.450 | NNW | 17.25  | 75.75 | 0.275 | NNW | 14.00  | 75.50 | 0.025 | NNE | 13.00  | 83.00 | 0.000 | NNE | Clear                 |        |
| 8            | 22/23-02-08 | 20.750 | 85.50 | 0.175 | WWN | 24.250 | 66.55 | 0.550 | WWN  | 23.750 | 58.25 | 0.275 | WWN | 22.00  | 66.00 | 0.400 | WWN | 20.000 | 74.50 | 0.400 | WWN | 18.500 | 83.25 | 0.550 | WWN | Clear                 |        |
| 9            | 25/26-02-08 | 20.500 | 74.00 | 2.750 | WWS | 25.750 | 65.75 | 5.100 | WWN  | 25.750 | 66.25 | 1.925 | WWN | 20.50  | 72.25 | 0.775 | WWN | 18.000 | 77.75 | 1.025 | NNE | 16.250 | 86.75 | 1.200 | NNE | Clear                 |        |
| 10           | 28/29-02-08 | 19.250 | 90.00 | 0.820 | NNE | 23.750 | 97.00 | 1.025 | NNE  | 24.250 | 60.00 | 1.075 | WWN | 19.75  | 61.00 | 0.050 | NNE | 18.50  | 69.50 | 0.375 | NNE | 17.00  | 77.50 | 0.360 | NNE | Clear                 |        |

\* Kindly fill in 'R' if station falls in Residential Area 'I' if station in Industrial Area 'S' if station falls in Sensitive area

\* Kindly fill in Whether conditions as Clear / Cloudy / Rainy/ Cycione/ Dust Storm/ Calm condition (one or more may be applicable)

Note Temp = Average Temperature ( in C)  
R.H = Average Relative Humidity (in %)  
W.S = Average Wind Speed (in Km/Hr)  
W.D = Predominant Wind Direction

(J.S.A)

(S.S. Hoda)  
R.O. Dhanbad

**TABLE A : Ambient Air Quality Data for SO<sub>2</sub> and NO<sub>x</sub> Monitoring by : Jharkhand State Pollution Control Board**

Sampling Location Address : Regione Office Dhanbad

City : Dhanbad

State : Jharkhand

Station Code : 44

Station Type : R

Month: February

Year : 2008

| Parameter       | Units              |
|-----------------|--------------------|
| SO <sub>2</sub> | ug/M <sup>3</sup>  |
| NO <sub>x</sub> | ug/ m <sup>3</sup> |

| S. No | Hrs. Date   | SO <sub>2</sub> |       |       |       |       |       |           |            | NO <sub>x</sub> |       |       |       |       |       |            |             | Weather Conditions | Remarks |
|-------|-------------|-----------------|-------|-------|-------|-------|-------|-----------|------------|-----------------|-------|-------|-------|-------|-------|------------|-------------|--------------------|---------|
|       |             | 06-10           | 10-14 | 14-18 | 18-22 | 22-02 | 02-06 | 4 Hrs Max | 24 Hrs-Avg | 06-10           | 10-14 | 14-18 | 18-22 | 22-02 | 02-06 | 4 Hrs. Max | 24 Hrs. Avg |                    |         |
| 1     | 4/5-02-08   | 22.17           | 24.96 | 20.16 | 23.83 | 19.81 | 25.02 | 25.02     | 22.62      | 46.67           | 52.13 | 40.67 | 37.69 | 38.69 | 49.47 | 52.13      | 44.22       | Clear              |         |
| 2     | 6/7-02-08   | 18.13           | 16.62 | 16.73 | 14.64 | 16.21 | 17.78 | 18.13     | 16.68      | 41.90           | 34.23 | 40.63 | 45.71 | 39.99 | 42.85 | 45.71      | 40.88       | Clear              |         |
| 3     | 8/9-02-08   | 20.93           | 20.60 | 16.73 | 18.13 | 17.13 | 29.29 | 29.29     | 21.01      | 53.33           | 57.84 | 40.63 | 43.17 | 40.63 | 87.61 | 87.61      | 53.46       | Clear              |         |
| 4     | 11/12-02-08 | 24.06           | 19.82 | 17.98 | 22.02 | 19.07 | 22.37 | 24.06     | 22.88      | 53.33           | 45.44 | 38.69 | 45.27 | 37.69 | 45.83 | 53.33      | 44.37       | Clear              |         |
| 5     | 13/14-02-08 | -               | -     | 35.67 | 33.47 | 14.03 | -     | 35.67     | 27.72      | -               | -     | 72.66 | 70.47 | 33.61 | -     | 72.66      | 58.91       | Clear              |         |
| 6     | 15/16-02-08 | 13.67           | 19.52 | 17.26 | 17.43 | 19.67 | 19.87 | 19.87     | 17.90      | 34.38           | 49.52 | 39.99 | 57.14 | 49.60 | 50.47 | 57.14      | 46.83       | Clear              |         |
| 7     | 18/19-02-08 | 21.65           | 16.89 | 17.43 | 19.95 | 16.89 | 17.98 | 21.65     | 18.46      | 63.09           | 48.35 | 41.16 | 46.36 | 35.71 | 38.69 | 63.09      | 45.56       | Clear              |         |
| 8     | 22/23-02-08 | 15.69           | 27.20 | 21.96 | 18.83 | 16.04 | 18.54 | 27.20     | 19.71      | 26.66           | 41.90 | 28.57 | 32.38 | 31.74 | 41.87 | 41.90      | 33.85       | Clear              |         |
| 9     | 25/26-02-08 | 16.73           | 20.55 | 17.11 | 24.06 | -     | 18.41 | 24.06     | 19.37      | 35.55           | 44.11 | 37.10 | 57.14 | -     | 37.55 | 57.14      | 42.29       | Clear              |         |
| 10    | 28/29-02-08 | 22.67           | 20.22 | 20.83 | 20.60 | 16.89 | 18.76 | 22.67     | 19.99      | 54.42           | 43.38 | 44.13 | 45.27 | 36.70 | 39.33 | 54.42      | 43.87       | Clear              |         |

\* Kindly fill in 'R' if station falls in Residential Area 'I' if station in Industrial Area 'S' if station falls in Sensitive area

\* Kindly fill in Whether conditions as Clear / Cloudy / Rainy/ Cycione/ Dust Storm/ Calm condition (one or more may be applicable)

Note : 1- Kindly indicate reason if monitoring is not carried out for 24 hrs in a day or less than 8 days in a month

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**TABLE B : Ambient Air Quality Data for RSPM and SPM Monitoring by : Jharkhand State Pollution Control Board**

Sampling Location Address : Regione Office Dhanbad

City : Dhanbad

State : Jharkhand

Station Code : 44

Station Type : R

Month : February

Year : 2008

| Parameter       | Units              |
|-----------------|--------------------|
| SO <sub>2</sub> | ug/m <sup>3</sup>  |
| NO <sub>x</sub> | ug/ m <sup>3</sup> |

| S. No | Hrs. Date   | RSPM   |        |        |           |            | SPM    |        |        |           |             | Weather Conditions | Remarks |
|-------|-------------|--------|--------|--------|-----------|------------|--------|--------|--------|-----------|-------------|--------------------|---------|
|       |             | 06-14  | 14-22  | 22-06  | 8 Hrs Max | 24 Hrs Avg | 06-14  | 14-22  | 22-06  | 8Hrs. Avg | 24 Hrs. Avg |                    |         |
| 1     | 4/5-02-08   | 145.00 | 156.00 | 190.00 | 190.00    | 163.66     | 213.00 | 222.00 | 259.00 | 259.00    | 231.33      | Clear              |         |
| 2     | 6/7-02-08   | 184.00 | 142.00 | 247.00 | 247.00    | 191.00     | 247.00 | 205.00 | 299.00 | 299.00    | 250.00      | Clear              |         |
| 3     | 8/9-02-08   | 70.000 | 153.00 | 182.00 | 182.00    | 135.00     | 129.00 | 235.00 | 255.00 | 255.00    | 206.33      | Clear              |         |
| 4     | 11/12-02-08 | 112.00 | 136.00 | 150.00 | 150.00    | 132.66     | 167.00 | 189.00 | 208.00 | 208.00    | 188.00      | Clear              |         |
| 5     | 13/14-02-08 | -      | 216.00 | 144.00 | 216.00    | 180.00     | -      | 332.00 | 236.00 | 332.00    | 284.00      | Clear              |         |
| 6     | 15/16-02-08 | 96.00  | 93.00  | 115.00 | 115.00    | 101.33     | 144.00 | 149.00 | 273.00 | 273.00    | 188.66      | Clear              |         |
| 7     | 18/19-02-08 | 135.00 | 151.00 | 140.00 | 151.00    | 142.00     | 180.00 | 207.00 | 191.00 | 207.00    | 192.66      | Clear              |         |
| 8     | 22/23-02-08 | 42.00  | 63.00  | 161.00 | 161.00    | 88.66      | 87.00  | 102.00 | 208.00 | 208.00    | 132.33      | Clear              |         |
| 9     | 25/26-02-08 | 154.00 | 170.00 | 106.00 | 170.00    | 144.00     | 217.00 | 230.00 | 156.00 | 230.00    | 201.00      | Clear              |         |
| 10    | 28/29-02-08 | 138.00 | 120.00 | 112.00 | 138.00    | 123.23     | 211.00 | 180.00 | 162.00 | 211.00    | 184.00      | Clear              |         |

\* Kindly fill in 'R' if station falls in Residential Area 'I' if station in Industrial Area 'S' if station falls in Sensitive area

\* Kindly fill in Whether conditions as Clear / Cloudy / Rainy/ Cycione/ Dust Storm/ Calm condition (one or more may be applicable)

Note : 1- Kindly indicate reason if monitoring is not carried out for 24 hrs in a day or less than 8 days in a month

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**TABLE A : Ambient Air Quality Data for SO2 and NOx Monitoring by : Jharkhand State Pollution Control Board**

Sampling Location Address : MADA, Jharia

City : Dhanbad

State : Jharkhand

Station Code : 332

Station Type : I

Month: February

Year : 2008

| Parameter       | Units             |
|-----------------|-------------------|
| SO <sub>2</sub> | ug/M <sup>3</sup> |
| NO <sub>x</sub> | ug/M <sup>3</sup> |

| S. No | Hrs. Date   | SO <sub>2</sub> |       |       |       |       |       |           |            | NO <sub>x</sub> |       |       |       |       |       |            |             | Weather Conditions | Remarks |
|-------|-------------|-----------------|-------|-------|-------|-------|-------|-----------|------------|-----------------|-------|-------|-------|-------|-------|------------|-------------|--------------------|---------|
|       |             | 06-10           | 10-14 | 14-18 | 18-22 | 22-02 | 02-06 | 4 Hrs Max | 24 Hrs-Avg | 06-10           | 10-14 | 14-18 | 18-22 | 22-02 | 02-06 | 4 Hrs. Max | 24 Hrs. Avg |                    |         |
| 1     | 4/5-02-08   | 17.43           | 23.71 | 18.83 | 15.69 | 17.43 | 15.69 | 23.71     | 18.13      | 45.63           | 60.95 | 49.60 | 41.90 | 42.65 | 38.09 | 60.95      | 46.47       | Clear              |         |
| 2     | 6/7-02-08   | 17.43           | 15.80 | 19.82 | 21.29 | 19.61 | 20.80 | 21.29     | 19.12      | 37.69           | 36.70 | 46.78 | 48.12 | 40.67 | 42.20 | 48.12      | 42.02       | Clear              |         |
| 3     | 8/9-02-08   | 15.16           | 17.26 | 20.92 | 18.30 | 18.30 | 17.26 | 20.92     | 17.86      | 44.76           | 40.95 | 57.14 | 45.71 | 49.52 | 46.66 | 57.14      | 47.45       | Clear              |         |
| 4     | 11/12-02-08 | 16.73           | 15.59 | 15.25 | 16.73 | 18.30 | 18.83 | 18.83     | 16.90      | 36.19           | 35.23 | 34.72 | 34.28 | 37.14 | 39.99 | 39.99      | 36.25       | Clear              |         |
| 5     | 13/14-02-08 | 17.98           | 31.38 | 27.20 | 14.16 | 18.30 | 19.35 | 31.38     | 21.39      | 39.68           | 57.14 | 48.25 | 46.62 | 50.47 | 53.33 | 57.14      | 49.24       | Clear              |         |
| 6     | 15/16-02-08 | 16.34           | 27.16 | 17.98 | 22.74 | 19.61 | 22.17 | 27.16     | 21.00      | 34.72           | 56.14 | 37.69 | 48.65 | 40.67 | 50.72 | 56.14      | 44.76       | Clear              |         |
| 7     | 18/19-02-08 | 23.01           | 21.62 | 15.16 | 19.07 | 20.16 | 19.61 | 23.01     | 19.77      | 49.52           | 48.25 | 34.28 | 36.70 | 40.67 | 44.64 | 49.52      | 42.34       | Clear              |         |
|       |             |                 |       |       |       |       |       |           |            |                 |       |       |       |       |       |            |             |                    |         |
|       |             |                 |       |       |       |       |       |           |            |                 |       |       |       |       |       |            |             |                    |         |
|       |             |                 |       |       |       |       |       |           |            |                 |       |       |       |       |       |            |             |                    |         |

\* Kindly fill in 'R' if station falls in Residential Area 'I' if station in Industrial Area 'S' if station falls in Sensitive area

\* Kindly fill in Whether conditions as Clear / Cloudy / Rainy/ Cyclopedia/ Dust Storm/ Calm condition (one or more may be applicable)

Note : 1- Kindly indicate reason if monitoring is not carried out for 24 hrs in a day or less than 8 days in a month

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**TABLE B : Ambient Air Quality Data for RSPM and SPM Monitoring by : Jharkhand State Pollution Control Board**

Sampling Location Address : MADA, Jharia

City : Dhanbad

State : Jharkhand

Station Code : 332

Station Type : I

Month : February

Year : 2008

| Parameter       | Units              |
|-----------------|--------------------|
| SO <sub>2</sub> | ug/m <sup>3</sup>  |
| NO <sub>x</sub> | ug/ m <sup>3</sup> |

| S. No | Hrs.        | RSPM   |        |        |        |           | SPM        |        |        |        |           | Weather Conditions | Remarks |
|-------|-------------|--------|--------|--------|--------|-----------|------------|--------|--------|--------|-----------|--------------------|---------|
|       |             | Date   | 06-14  | 14-22  | 22-06  | 8 Hrs Max | 24 Hrs Avg | 06-14  | 14-22  | 22-06  | 8Hrs. Avg |                    |         |
| 1     | 4/5-02-08   | 97.00  | 118.00 | 113.00 | 118.00 | 109.33    | 169.00     | 185.00 | 183.00 | 185.00 | 179.00    | Clear              |         |
| 2     | 6/7-02-08   | 238.00 | 376.00 | 319.00 | 376.00 | 311.00    | 338.00     | 496.00 | 423.00 | 496.00 | 419.00    | Clear              |         |
| 3     | 8/9-02-08   | 230.00 | 312.00 | 258.00 | 312.00 | 266.66    | 322.00     | 424.00 | 354.00 | 424.00 | 366.66    | Clear              |         |
| 4     | 11/12-02-08 | 248.00 | 180.00 | 185.00 | 248.00 | 204.33    | 313.00     | 266.00 | 271.00 | 313.00 | 283.33    | Clear              |         |
| 5     | 13/14-02-08 | 294.00 | 304.00 | 267.00 | 304.00 | 288.33    | 375.00     | 388.00 | 342.00 | 388.00 | 368.33    | Clear              |         |
| 6     | 15/16-02-08 | 237.00 | 266.00 | 315.00 | 315.00 | 272.00    | 346.00     | 370.00 | 470.00 | 470.00 | 395.33    | Clear              |         |
| 7     | 18/19-02-08 | 176.00 | 162.00 | 225.00 | 225.00 | 187.66    | 261.00     | 248.00 | 294.00 | 294.00 | 267.66    | Clear              |         |
|       |             |        |        |        |        |           |            |        |        |        |           |                    |         |
|       |             |        |        |        |        |           |            |        |        |        |           |                    |         |
|       |             |        |        |        |        |           |            |        |        |        |           |                    |         |

\* Kindly fill in 'R' if station falls in Residential Area 'I' if station in Industrial Area 'S' if station falls in Sensitive area

\* Kindly fill in Whether conditions as Clear / Cloudy / Rainy/ Cycione/ Dust Storm/ Calm condition (one or more may be applicable)

Note : 1- Kindly indicate reason if monitoring is not carried out for 24 hrs in a day or less than 8 days in a month

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**TABLE A : Ambient Air Quality Data for SO<sub>2</sub> and NO<sub>x</sub> Monitoring by : Jharkhand State Pollution Control Board**

Sampling Location Address : PDIL , Sindri

City : Dhanbad

State : Jharkhand

Station Code : 46

Station Type : R

Month: February

Year : 2008

| Parameter       | Units             |
|-----------------|-------------------|
| SO <sub>2</sub> | ug/M <sup>3</sup> |
| NO <sub>x</sub> | ug/M <sup>3</sup> |

| S. No | Hrs. Date   | SO <sub>2</sub> |       |       |       |       |       |           |            | NO <sub>x</sub> |       |       |       |       |       |            |             | Weather Conditions | Remarks |
|-------|-------------|-----------------|-------|-------|-------|-------|-------|-----------|------------|-----------------|-------|-------|-------|-------|-------|------------|-------------|--------------------|---------|
|       |             | 06-10           | 10-14 | 14-18 | 18-22 | 22-02 | 02-06 | 4 Hrs Max | 24 Hrs-Avg | 06-10           | 10-14 | 14-18 | 18-22 | 22-02 | 02-06 | 4 Hrs. Max | 24 Hrs. Avg |                    |         |
| 1     | 4/5-02-08   | 20.22           | 20.92 | 13.60 | 29.11 | -     | -     | 29.11     | 20.96      | 49.52           | 34.28 | 39.99 | 74.53 | -     | -     | 74.53      | 49.58       | Clear              |         |
| 2     | 6/7-02-08   | 14.64           | 21.29 | 16.73 | 24.96 | 17.96 | 19.07 | 24.96     | 18.99      | 36.19           | 52.13 | 35.23 | 50.79 | 38.09 | 40.67 | 52.13      | 42.18       | Clear              |         |
| 3     | 8/9-02-08   | 18.82           | 16.89 | 21.29 | 18.52 | 19.07 | 18.52 | 21.29     | 18.33      | 45.69           | 38.69 | 49.45 | 41.66 | 43.65 | 37.69 | 49.45      | 42.80       | Clear              |         |
| 4     | 11/12-02-08 | 14.64           | 12.55 | 12.03 | 18.13 | 16.21 | 16.77 | 18.13     | 15.05      | 40.63           | 33.33 | 36.19 | 49.52 | 39.99 | 43.18 | 49.52      | 40.54       | Clear              |         |
| 5     | 13/14-02-08 | 13.60           | 17.43 | 15.25 | 18.30 | 18.83 | 17.96 | 18.83     | 16.89      | 35.23           | 37.69 | 38.69 | 40.95 | 42.85 | 38.69 | 42.85      | 39.01       | Clear              |         |
| 6     | 15/16-02-08 | 14.64           | 16.89 | 17.43 | 20.02 | 17.98 | 19.33 | 20.02     | 17.71      | 34.28           | 36.70 | 37.69 | 46.26 | 38.69 | 43.47 | 46.26      | 39.51       | Clear              |         |
| 7     | 18/19-02-08 | 18.13           | 15.25 | 16.89 | 21.29 | 19.61 | 16.89 | 21.29     | 18.01      | 49.52           | 28.76 | 34.72 | 50.79 | 41.66 | 44.64 | 50.79      | 41.61       | Clear              |         |
| 8     | 22/23-02-08 | 25.10           | 19.52 | 18.13 | 23.49 | 19.82 | 21.09 | 25.10     | 21.19      | 57.14           | 43.17 | 40.63 | 48.12 | 44.11 | 44.80 | 57.14      | 46.32       | Clear              |         |
| 9     | 25/26-02-08 | 20.22           | 23.49 | 22.75 | 24.96 | 31.38 | 32.19 | 32.19     | 25.83      | 43.17           | 50.79 | 49.45 | 52.13 | 64.76 | 69.07 | 69.07      | 54.89       | Clear              |         |
| 10    | 28/29-02-08 | 15.16           | 17.26 | 17.43 | 16.34 | 16.89 | 15.16 | 17.43     | 16.37      | 34.28           | 37.14 | 33.73 | 36.70 | 33.73 | 34.28 | 37.14      | 34.98       | Clear              |         |

\* Kindly fill in 'R' if station falls in Residential Area 'I' if station in Industrial Area 'S' if station falls in Sensitive area

\* Kindly fill in Whether conditions as Clear / Cloudy / Rainy/ Cystone/ Dust Storm/ Calm condition (one or more may be applicable)

Note : 1- Kindly indicate reason if monitoring is not carried out for 24 hrs in a day or less than 8 days in a month

J.S.A

E.E

(S.S. Hoda)  
R.O. Dhanbad

**TABLE B : Ambient Air Quality Data for RSPM and SPM Monitoring by : Jharkhand State Pollution Control Board**

Sampling Location Address : PDIL , Sindri

City : Dhanbad

State : Jharkhand

Station Code : 46

Station Type : R

Month: February

Year : 2008

| Parameter       | Units              |
|-----------------|--------------------|
| SO <sub>2</sub> | ug/m <sup>3</sup>  |
| NO <sub>x</sub> | ug/ m <sup>3</sup> |

| S. No | Hrs.        | RSPM   |        |        |           |             | SPM    |        |        |           |             | Weather Conditions | Remarks |
|-------|-------------|--------|--------|--------|-----------|-------------|--------|--------|--------|-----------|-------------|--------------------|---------|
|       | Date        | 06-14  | 14-22  | 22-06  | 8 Hrs Max | 24 Hrs- Avg | 06-14  | 14-22  | 22-06  | 8Hrs. Avg | 24 Hrs. Avg |                    |         |
| 1     | 4/5-02-08   | 157.00 | 156.00 | -      | 157.00    | 156.50      | 210.00 | 209.00 | -      | 210.00    | 209.50      | Clear              |         |
| 2     | 6/7-02-08   | 154.00 | 147.00 | 198.00 | 198.00    | 166.33      | 220.00 | 216.00 | 251.00 | 251.00    | 229.00      | Clear              |         |
| 3     | 8/9-02-08   | 124.00 | 144.00 | 138.00 | 144.00    | 135.33      | 183.00 | 202.00 | 297.00 | 297.00    | 227.33      | Clear              |         |
| 4     | 11/12-02-08 | 122.00 | 126.00 | 135.00 | 135.00    | 127.66      | 189.00 | 196.00 | 198.00 | 198.00    | 194.33      | Clear              |         |
| 5     | 13/14-02-08 | 110.00 | 116.00 | 138.00 | 138.00    | 121.33      | 130.00 | 168.00 | 196.00 | 196.00    | 164.66      | Clear              |         |
| 6     | 15/16-02-08 | 160.00 | 155.00 | 190.00 | 190.00    | 168.33      | 223.00 | 215.00 | 249.00 | 249.00    | 229.00      | Clear              |         |
| 7     | 18/19-02-08 | 165.00 | 160.00 | 182.00 | 182.00    | 169.00      | 239.00 | 217.00 | 245.00 | 245.00    | 233.66      | Clear              |         |
| 8     | 22/23-02-08 | 198.00 | 190.00 | 180.00 | 198.00    | 189.33      | 266.00 | 261.00 | 243.00 | 266.00    | 256.66      | Clear              |         |
| 9     | 25/26-02-08 | 192.00 | 202.00 | 256.00 | 256.00    | 216.66      | 269.00 | 285.00 | 360.00 | 360.00    | 304.66      | Clear              |         |
| 10    | 28/29-02-08 | 128.00 | 149.00 | 146.00 | 149.00    | 141.00      | 187.00 | 211.00 | 203.00 | 211.00    | 200.33      | Clear              |         |

\* Kindly fill in 'R' if station falls in Residential Area 'I' if station in Industrial Area 'S' if station falls in Sensitive area

\* Kindly fill in Whether conditions as Clear / Cloudy / Rainy/ Cyclone/ Dust Storm/ Calm condition (one or more may be applicable)

Note : 1- Kindly indicate reason if monitoring is not carried out for 24 hrs in a day or less than 8 days in a month

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