



**SAGAR CEMENTS LIMITED, MATTAMPALLY WORKS, SURYAPET (Dist.)**  
**TELANGANA STATE**  
**STACK IN-HOUSE MONITORING REPORT**  
**Monthly Report (Aug -2017)**

| STACK PARTICULARS       |         | Temperature (°C)                        | Velocity (m/sec) | Suspended Particulate Matter (mg/Nm <sup>3</sup> ) |
|-------------------------|---------|---|------------------|--|
| <b>As per PCB Norms</b> |         |   |                  | <b>30 Max.</b>                                     |
| Limestone Crusher       | Min     | 47.00                                   | 10.38            | 15.72  |
|                         | Max     | 48.00                                   | 10.55            | 17.91  |
|                         | Average | 47.50                                   | 10.46            | 16.82  |
| Coal Mill - 1           | Min     | <b>COAL MILL - 1 NOT IN OPERATION</b>   |                  |  |
|                         | Max     |   |                  |  |
|                         | Average |   |                  |  |
| Coal Mill - 2           | Min     | 66.00                                   | 16.41            | 21.00  |
|                         | Max     | 68.00                                   | 16.49            | 22.46  |
|                         | Average | 67.00                                   | 16.45            | 21.73  |
| Coal Mill - 3           | Min     | 66.00                                   | 10.82            | 17.78  |
|                         | Max     | 68.00                                   | 11.00            | 22.11  |
|                         | Average | 67.00                                   | 10.91            | 19.95  |
| RABH (Kiln - 2 & VRM)   | Min     | 160.00                                  | 13.28            | 16.87  |
|                         | Max     | 168.00                                  | 13.37            | 19.02  |
|                         | Average | 164.00                                  | 13.33            | 17.94  |
| Cooler Esp - 1          | Min     | <b>COOLER - 1 NOT IN OPERATION</b>      |                  |  |
|                         | Max     |   |                  |  |
|                         | Average |   |                  |  |
| Cooler Esp - 2          | Min     | 245.00                                  | 13.29            | 19.07  |
|                         | Max     | 250.00                                  | 13.76            | 22.03  |
|                         | Average | 247.50                                  | 13.52            | 20.55  |
| Cement Mill - 1         | Min     | <b>CEMENT MILL - 1 NOT IN OPERATION</b> |                  |  |
|                         | Max     |   |                  |  |
|                         | Average |   |                  |  |
| Cement Mill - 2         | Min     | 89.00                                   | 13.71            | 18.84  |
|                         | Max     | 90.00                                   | 13.98            | 22.55  |
|                         | Average | 89.50                                   | 13.85            | 20.70  |
| Cement Mill - 3         | Min     | 91.00                                   | 11.38            | 18.17  |
|                         | Max     | 93.00                                   | 11.60            | 23.38  |
|                         | Average | 92.00                                   | 11.49            | 20.78  |
| Cement Mill - 4         | Min     | 89.00                                   | 11.28            | 22.44  |
|                         | Max     | 90.00                                   | 11.54            | 24.81  |
|                         | Average | 89.50                                   | 11.41            | 23.63  |
| Packing Plant - 1       | Min     | 76.00                                   | 15.17            | 22.05  |
|                         | Max     | 79.00                                   | 15.42            | 24.91  |
|                         | Average | 77.50                                   | 15.30            | 23.48  |
| Packing Plant - 2       | Min     | 79.00                                   | 8.77             | 21.73  |
|                         | Max     | 81.00                                   | 9.05             | 24.93  |
|                         | Average | 80.00                                   | 8.91             | 23.33  |
| Packing Plant - 3       | Min     | 77.00                                   | 8.67             | 19.69  |
|                         | Max     | 79.00                                   | 8.98             | 23.45  |
|                         | Average | 78.00                                   | 8.83             | 21.57  |