

## Ambient Air Quality -2016

Location	STAFF COLONY				INSIDE FACTORY Chemical Lab Roof			RED MUD POND 2			RED MUD POND 3				
	SPM ( $\mu\text{g}/\text{m}^3$ )		NOx ( $\mu\text{g}/\text{m}^3$ )	SO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )	SPM ( $\mu\text{g}/\text{m}^3$ )		NOx ( $\mu\text{g}/\text{m}^3$ )	SO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )	SPM ( $\mu\text{g}/\text{m}^3$ )	NOx ( $\mu\text{g}/\text{m}^3$ )	SO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )	SPM ( $\mu\text{g}/\text{m}^3$ )		NOx ( $\mu\text{g}/\text{m}^3$ )	SO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )
Specified limit	PM 10	PM 2.5	80	80	PM 10	PM 2.5	120	120	200*	80	80	PM 10	PM 2.5	80	80
Apr-16	58.3	45.8	7.51	8.24	95.8	54.2	7.03	8.25	163.0	5.70	6.25	91.6	50.0	6.65	6.83
May-16	50.0	37.5	8.08	7.67	66.7	41.7	8.55	9.93	123.4	7.60	7.95	91.6	33.3	8.08	7.10
Jun-16	37.2	25.0	5.32	6.54	75.0	33.3	5.89	6.25	49.3	5.04	7.67	95.8	45.8	4.47	5.68
Jul-16	16.7	20.8	5.70	6.25	66.7	37.5	7.03	6.54	126.3	6.67	6.54	29.2	25.0	5.80	6.28
Aug-16	33.3	16.7	6.37	7.69	41.0	20.8	7.79	7.67	58.3	7.79	6.53	41.7	50.0	6.08	6.78
Sep-16	25.0	33.3	7.22	7.39	54.2	16.7	7.59	6.25	62.9	5.61	5.40	16.7	20.8	6.56	6.25
<b>Average</b>	<b>37</b>	<b>30</b>	<b>6.70</b>	<b>7.30</b>	<b>67</b>	<b>34</b>	<b>7.31</b>	<b>7.48</b>	<b>97</b>	<b>6.40</b>	<b>6.72</b>	<b>61</b>	<b>37</b>	<b>6.27</b>	<b>6.49</b>
<b>Max</b>	<b>58</b>	<b>46</b>	<b>8.08</b>	<b>8.24</b>	<b>96</b>	<b>54</b>	<b>8.55</b>	<b>9.93</b>	<b>163</b>	<b>7.79</b>	<b>7.95</b>	<b>96</b>	<b>50</b>	<b>8.08</b>	<b>7.10</b>
<b>Min</b>	<b>17</b>	<b>17</b>	<b>5.32</b>	<b>6.25</b>	<b>41</b>	<b>17</b>	<b>5.89</b>	<b>6.25</b>	<b>49</b>	<b>5.04</b>	<b>5.40</b>	<b>17</b>	<b>21</b>	<b>4.47</b>	<b>5.68</b>
<b>Std. Deviation</b>	<b>15.4</b>	<b>11.0</b>	<b>1.08</b>	<b>0.76</b>	<b>18.6</b>	<b>13.8</b>	<b>0.90</b>	<b>1.45</b>	<b>46.6</b>	<b>1.13</b>	<b>0.94</b>	<b>35.9</b>	<b>12.9</b>	<b>1.18</b>	<b>0.52</b>
<b>98 Percentile</b>	<b>57.5</b>	<b>45.0</b>	<b>8.02</b>	<b>8.19</b>	<b>93.7</b>	<b>53.0</b>	<b>8.47</b>	<b>9.76</b>	<b>159.3</b>	<b>7.77</b>	<b>7.92</b>	<b>95.4</b>	<b>50.0</b>	<b>7.94</b>	<b>7.07</b>