

**Ambient Air Quality monitoring data during Deepawali festival  
(07.11.2020 to 30.11.2020)**

<b>Name of the Location:- Kochar Bhawan, Amritsar (Commercial)</b>									
<b>Date</b>	<b>Regulatory parameters</b>			<b>Metals</b>					
<b>Date</b>	<b>SO<sub>2</sub> (µg/m<sup>3</sup>)</b>	<b>NOx (µg/m<sup>3</sup>)</b>	<b>PM<sub>10</sub> (µg/m<sup>3</sup>)</b>	<b>Al (µg/m<sup>3</sup>)</b>	<b>Ni (µg/m<sup>3</sup>)</b>	<b>Ba (µg/m<sup>3</sup>)</b>	<b>Fe (µg/m<sup>3</sup>)</b>	<b>Pb (µg/m<sup>3</sup>)</b>	<b>As (µg/m<sup>3</sup>)</b>
07-11-2020	13	32	248	BDL	0.034	BDL	0.375	BDL	BDL
08-11-2020	14	29	258	BDL	BDL	BDL	0.299	BDL	BDL
09-11-2020	15	29	212	BDL	BDL	BDL	0.262	BDL	BDL
10-11-2020	13	32	203	BDL	BDL	BDL	0.263	BDL	BDL
11-11-2020	13	29	338	BDL	BDL	BDL	0.270	BDL	BDL
12-11-2020	13	32	326	BDL	BDL	BDL	0.392	BDL	BDL
13-11-2020	10	36	271	0.032	0.029	BDL	0.796	0.049	BDL
14-11-2020	18	42	358	4.265	0.311	0.094	6.303	0.274	0.060
15-11-2020	16	38	158	0.030	0.037	BDL	3.251	0.043	0.017
16-11-2020	11	36	165	BDL	BDL	BDL	1.492	0.027	BDL
17-11-2020	9	41	134	0.029	BDL	BDL	0.618	0.030	BDL
18-11-2020	10	35	209	0.028	BDL	BDL	0.504	0.023	BDL
19-11-2020	10	36	264	0.018	BDL	BDL	0.446	0.019	BDL
20-11-2020	12	27	183	BDL	BDL	BDL	0.377	BDL	BDL
21-11-2020	11	26	218	BDL	BDL	BDL	0.381	0.019	BDL
22-11-2020	12	24	263	BDL	BDL	BDL	0.463	BDL	BDL
23-11-2020	12	28	255	BDL	BDL	BDL	0.652	BDL	BDL
24-11-2020	12	23	224	BDL	BDL	BDL	0.500	BDL	BDL
25-11-2020	12	22	175	BDL	BDL	BDL	0.561	BDL	BDL
26-11-2020	12	21	128	BDL	BDL	BDL	0.484	BDL	BDL
27-11-2020	15	40	149	BDL	BDL	BDL	0.658	BDL	BDL
28-11-2020	17	43	141	BDL	BDL	BDL	0.487	BDL	BDL
29-11-2020	28	38	246	BDL	BDL	BDL	0.674	BDL	BDL
30-11-2020	15	43	208	BDL	BDL	BDL	0.613	BDL	BDL

**Ambient Air Quality monitoring data during Deepawali festival  
(07.11.2020 to 30.11.2020)**

<b>Name of the Location:- Ranjit Avenue, Amritsar (Residential)</b>									
<b>Date</b>	<b>Regulatory parameters</b>			<b>Metals</b>					
<b>Date</b>	<b>SO<sub>2</sub> (µg/m<sup>3</sup>)</b>	<b>NO<sub>x</sub> (µg/m<sup>3</sup>)</b>	<b>PM<sub>10</sub> (µg/m<sup>3</sup>)</b>	<b>Al (µg/m<sup>3</sup>)</b>	<b>Ni (µg/m<sup>3</sup>)</b>	<b>Ba (µg/m<sup>3</sup>)</b>	<b>Fe (µg/m<sup>3</sup>)</b>	<b>Pb (µg/m<sup>3</sup>)</b>	<b>As (µg/m<sup>3</sup>)</b>
07-11-2020	13	34	235	BDL	BDL	BDL	0.340	BDL	BDL
08-11-2020	13	34	213	BDL	BDL	BDL	0.283	BDL	BDL
09-11-2020	14	33	344	BDL	BDL	BDL	0.224	BDL	BDL
10-11-2020	14	34	349	0.017	BDL	BDL	0.268	BDL	BDL
11-11-2020	13	31	326	0.018	BDL	BDL	0.289	BDL	BDL
12-11-2020	13	31	274	BDL	BDL	BDL	0.389	BDL	BDL
13-11-2020	11	36	239	0.025	BDL	BDL	1.278	0.041	BDL
14-11-2020	17	40	317	5.309	0.365	0.105	7.415	0.227	0.057
15-11-2020	14	38	168	0.797	0.512	0.053	4.649	0.123	0.029
16-11-2020	10	35	214	0.018	BDL	BDL	1.426	0.048	BDL
17-11-2020	12	28	202	0.464	BDL	BDL	BDL	BDL	BDL
18-11-2020	9	33	209	0.370	BDL	0.019	BDL	BDL	BDL
19-11-2020	13	34	278	0.307	BDL	BDL	BDL	BDL	BDL
20-11-2020	12	29	166	0.390	BDL	BDL	BDL	BDL	BDL
21-11-2020	13	28	251	0.386	0.018	0.020	BDL	BDL	BDL
22-11-2020	11	25	201	0.379	0.019	0.022	BDL	BDL	BDL
23-11-2020	12	25	154	BDL	BDL	BDL	0.593	BDL	BDL
24-11-2020	11	27	193	BDL	BDL	BDL	0.455	BDL	BDL
25-11-2020	12	24	140	BDL	BDL	BDL	0.510	BDL	BDL
26-11-2020	13	23	233	BDL	BDL	BDL	0.440	BDL	BDL
27-11-2020	12	22	103	BDL	BDL	BDL	0.595	BDL	BDL
28-11-2020	11	23	188	BDL	BDL	BDL	0.445	BDL	BDL
29-11-2020	12	21	173	BDL	BDL	BDL	0.614	BDL	BDL
30-11-2020	12	23	172	BDL	BDL	BDL	0.558	BDL	BDL

**Ambient Air Quality monitoring data during Deepawali festival  
(07.11.2020 to 30.11.2020)**

<b>Name of the Location:- Punj Hospital Amritsar (Sensitive)</b>									
<b>Date</b>	<b>Regulatory parameters</b>			<b>Metals</b>					
Date	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>x</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )	Al (µg/m <sup>3</sup> )	Ni (µg/m <sup>3</sup> )	Ba (µg/m <sup>3</sup> )	Fe (µg/m <sup>3</sup> )	Pb (µg/m <sup>3</sup> )	As (µg/m <sup>3</sup> )
07-11-2020	13	32	145	0.020	BDL	BDL	0.389	0.019	BDL
08-11-2020	14	32	241	BLD	BDL	BDL	0.342	BDL	BDL
09-11-2020	14	26	187	BDL	BDL	BDL	0.284	BDL	BDL
10-11-2020	13	30	197	BDL	BDL	BDL	0.255	BDL	BDL
11-11-2020	13	28	280	BDL	BDL	BDL	0.296	BDL	BDL
12-11-2020	13	28	241	BDL	BDL	BDL	0.366	BDL	BDL
13-11-2020	14	36	217	2.087	0.190	0.064	4.377	0.213	0.057
14-11-2020	16	44	326	1.721	0.318	0.051	3.893	0.115	0.028
15-11-2020	13	28	210	0.031	0.334	BDL	1.307	0.025	BDL
16-11-2020	13	34	130	BDL	0.442	BDL	0.485	BDL	BDL
17-11-2020	16	35	100	BDL	BDL	BDL	0.504	BDL	BDL
18-11-2020	11	38	204	BDL	BDL	BDL	0.368	BDL	BDL
19-11-2020	11	30	174	0.023	0.020	BDL	0.647	0.017	BDL
20-11-2020	12	28	148	BDL	BDL	BDL	0.439	0.017	BDL
21-11-2020	10	30	117	BDL	BDL	BDL	0.464	BDL	BDL
22-11-2020	12	35	108	0.019	0.029	BDL	0.546	BDL	BDL
23-11-2020	13	27	148	BDL	BDL	BDL	0.559	BDL	BDL
24-11-2020	12	24	115	BDL	BDL	BDL	0.430	BDL	BDL
25-11-2020	13	24	173	BDL	BDL	BDL	0.481	BDL	BDL
26-11-2020	13	24	124	BDL	BDL	BDL	0.415	BDL	BDL
27-11-2020	12	22	139	BDL	BDL	BDL	0.563	BDL	BDL
28-11-2020	11	21	166	BDL	BDL	BDL	0.417	BDL	BDL
29-11-2020	11	23	41	BDL	BDL	BDL	0.579	BDL	BDL
30-11-2020	12	23	178	BDL	BDL	BDL	0.526	BDL	BDL

**Data/ Observations:**

**Note:- BDL means below method detection limit (BDL) Ba, Fe, Pb, NI and As = 0.0086 µg/m<sup>3</sup>)**