

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

Name of the location:- Model Town, Mandi Gobindgarh – RESIDENTIAL AREA									
Date	Regulatory Parameters			Metals/Elements in PM <sub>10</sub>					
	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )	Fe (µg/m <sup>3</sup> )	Pb (µg/m <sup>3</sup> )	Al (µg/m <sup>3</sup> )	Ni (µg/m <sup>3</sup> )	Ba (µg/m <sup>3</sup> )	As (µg/m <sup>3</sup> )
07.11.2020	7	29	243	0.118	BDL	BDL	BDL	BDL	BDL
08.11.2020	8	29	228	0.146	BDL	BDL	BDL	BDL	BDL
09.11.2020	9	28	216	0.160	BDL	BDL	BDL	BDL	BDL
10.11.2020	10	32	231	0.132	BDL	BDL	BDL	BDL	BDL
11.11.2020	12	36	237	0.160	BDL	BDL	BDL	BDL	BDL
12.11.2020	16	41	268	0.180	BDL	BDL	BDL	BDL	BDL
13.11.2020	18	42	235	0.218	0.091	0.108	0.091	BDL	BDL
14.11.2020	19	40	242	2.396	0.186	1.938	0.107	0.089	0.051
15.11.2020	12	33	208	0.511	0.023	0.126	0.044	BDL	BDL
16.11.2020	11	29	140	0.183	BDL	BDL	BDL	BDL	BDL
17.11.2020	12	27	148	0.178	BDL	BDL	BDL	BDL	BDL
18.11.2020	11	25	121	0.194	BDL	BDL	BDL	BDL	BDL
19.11.2020	12	23	127	0.189	BDL	0.011	BDL	BDL	BDL
20.11.2020	14	31	119	0.203	BDL	BDL	BDL	BDL	BDL
21.11.2020	12	29	124	0.141	BDL	BDL	BDL	BDL	BDL
22.11.2021	14	31	114	0.186	BDL	BDL	BDL	BDL	BDL
23.11.2022	15	28	127	0.175	BDL	BDL	BDL	BDL	BDL
24.11.2023	12	29	119	0.202	BDL	BDL	BDL	BDL	BDL
25.11.2024	15	30	125	0.159	BDL	BDL	BDL	BDL	BDL
26.11.2020	12	29	120	0.204	BDL	BDL	BDL	BDL	BDL
27.11.2020	14	27	137	0.285	BDL	BDL	BDL	BDL	BDL
28.11.2020	17	24	140	0.300	BDL	BDL	BDL	BDL	BDL
29.11.2020	15	25	130	0.288	BDL	BDL	BDL	BDL	BDL
30.11.2020	14	22	113	0.272	BDL	BDL	BDL	BDL	BDL

**Note:** 1. BDL means below Method Detection Limit (BDL-Al, Ba, Fe, Pb, Ni and As = 0.0086 µg/m<sup>3</sup>)

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

Name of the location:- Dr. Kaushal Gol Market, Mandi Gobindgarh – COMMERCIAL AREA									
Date	Regulatory Parameters			Metals/Elements in PM <sub>10</sub>					
	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )	Fe (µg/m <sup>3</sup> )	Pb (µg/m <sup>3</sup> )	Al (µg/m <sup>3</sup> )	Ni (µg/m <sup>3</sup> )	Ba (µg/m <sup>3</sup> )	As (µg/m <sup>3</sup> )
07.11.2020	7	30	244	0.199	BDL	BDL	BDL	BDL	BDL
08.11.2020	9	32	238	0.165	BDL	BDL	BDL	BDL	BDL
09.11.2020	9	30	232	0.158	BDL	BDL	BDL	BDL	BDL
10.11.2020	10	38	260	0.233	BDL	0.009	BDL	BDL	BDL
11.11.2020	13	39	247	0.164	BDL	BDL	0.011	BDL	BDL
12.11.2020	16	41	245	0.192	BDL	BDL	0.011	BDL	BDL
13.11.2020	18	43	241	0.482	0.047	0.095	0.054	BDL	BDL
14.11.2020	16	40	252	2.999	0.227	2.129	0.078	0.045	0.030
15.11.2020	12	35	216	0.363	0.035	0.182	0.022	BDL	BDL
16.11.2020	12	37	157	0.164	BDL	0.009	BDL	BDL	BDL
17.11.2020	8	23	142	0.167	0.009	BDL	BDL	BDL	BDL
18.11.2020	9	21	136	0.160	BDL	BDL	BDL	BDL	BDL
19.11.2020	12	27	129	0.224	BDL	BDL	BDL	BDL	BDL
20.11.2020	13	29	120	0.226	BDL	0.015	BDL	BDL	BDL
21.11.2020	12	32	110	0.245	BDL	0.010	BDL	BDL	BDL
22.11.2021	13	27	104	0.176	BDL	0.009	0.012	BDL	BDL
23.11.2022	14	29	121	0.181	BDL	BDL	0.010	BDL	BDL
24.11.2023	12	26	124	0.220	BDL	BDL	0.012	BDL	BDL
25.11.2024	16	29	127	0.165	BDL	BDL	BDL	BDL	BDL
26.11.2020	12	26	114	0.377	0.011	0.009	0.018	BDL	BDL
27.11.2020	16	24	128	0.257	BDL	BDL	BDL	BDL	BDL
28.11.2020	19	23	125	0.270	BDL	BDL	BDL	BDL	BDL
29.11.2020	16	22	118	0.267	BDL	BDL	BDL	BDL	BDL
30.11.2020	15	21	114	0.273	BDL	BDL	BDL	BDL	BDL

**Note:** 1. BDL means below Method Detection Limit (BDL-Al, Ba, Fe, Pb, Ni and As = 0.0086 µg/m<sup>3</sup>)

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

Name of the location:- Civil Hospital, Mandi Gobindgarh – SENSITIVE AREA									
Date	Regulatory Parameters			Metals/Elements in PM <sub>10</sub>					
	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )	Fe (µg/m <sup>3</sup> )	Pb (µg/m <sup>3</sup> )	Al (µg/m <sup>3</sup> )	Ni (µg/m <sup>3</sup> )	Ba (µg/m <sup>3</sup> )	As (µg/m <sup>3</sup> )
07.11.2020	8	29	220	0.109	BDL	BDL	BDL	BDL	BDL
08.11.2020	9	32	212	0.095	BDL	BDL	BDL	BDL	BDL
09.11.2020	10	31	218	0.134	BDL	BDL	BDL	BDL	BDL
10.11.2020	11	37	229	0.138	BDL	BDL	BDL	BDL	BDL
11.11.2020	12	39	233	0.127	BDL	BDL	BDL	BDL	BDL
12.11.2020	13	41	250	0.167	BDL	BDL	BDL	BDL	BDL
13.11.2020	14	36	226	0.599	0.091	0.105	0.072	BDL	BDL
14.11.2020	15	38	262	2.141	0.176	1.344	0.141	0.028	0.035
15.11.2020	11	34	230	0.558	0.053	0.196	0.017	BDL	BDL
16.11.2020	10	29	132	0.242	BDL	BDL	BDL	BDL	BDL
17.11.2020	12	26	119	0.130	BDL	BDL	BDL	BDL	BDL
18.11.2020	10	22	112	0.172	BDL	BDL	BDL	BDL	BDL
19.11.2020	13	25	130	0.146	BDL	BDL	BDL	BDL	BDL
20.11.2020	12	31	118	0.180	BDL	BDL	BDL	BDL	BDL
21.11.2020	13	29	124	0.136	BDL	BDL	BDL	BDL	BDL
22.11.2020	14	30	129	0.133	BDL	BDL	BDL	BDL	BDL
23.11.2020	13	32	125	0.158	BDL	BDL	BDL	BDL	BDL
24.11.2020	14	26	111	0.187	BDL	BDL	BDL	BDL	BDL
25.11.2020	15	29	122	0.166	BDL	BDL	BDL	BDL	BDL
26.11.2020	16	31	119	0.189	BDL	BDL	BDL	BDL	BDL
27.11.2020	15	22	133	0.223	BDL	BDL	BDL	BDL	BDL
28.11.2020	18	20	150	0.234	BDL	BDL	BDL	BDL	BDL
29.11.2020	12	18	130	0.233	BDL	BDL	BDL	BDL	BDL
30.11.2020	11	17	132	0.214	BDL	BDL	BDL	BDL	BDL

**Note:** 1. BDL means below Method Detection Limit (BDL-Al, Ba, Fe, Pb, Ni and As = 0.0086 µg/m<sup>3</sup>)

