



# MIZORAM STATE POLLUTION CONTROL BOARD

No.H.88088/Poltn/50(LXV)/2020-MPCB

:

Dated Aizawl, the 20<sup>th</sup> Nov., 2020

To,

The Divisional Head,  
Air Quality Monitoring,  
Central Pollution Control Board

**Subj.: Compliance of NGT order dated 09.11.2020 on ban of fire crackers**

*Ref: Your email dated 13.11.2020*

Sir,

With reference to your email and the subject cited above, may I submit herewith the action taken report of Mizoram in compliance of the Hon'ble NGT order dated 09.11.2020 on ban of firecrackers, for your kind information and further necessary action in the matter.

Encl: a/a

Yours faithfully,

(C. LALDUHAWMA)  
Member Secretary,  
Mizoram Pollution Control Board

Memo No.H.88088/Poltn/50(LXV)/2020-MPCB

:

Dated Aizawl, the 20<sup>th</sup> Nov., 2020

Copy to: The Regional Director, NE Regional Directorate, CPCB, Shillong, Meghalaya for kind information

(C.LALDUHAWMA)  
Member Secretary,  
Mizoram Pollution Control Board



ACTION TAKEN REPORT IN RESPECT OF THE DIRECTIONS OF HON'BLE NGT IN THE  
MATTER OF OA. NO.249 OF 2020

**1. Banning of Fire crackers:**

The Hon'ble NGT directs all the cities and towns in the country where the average of air quality fall under 'poor' and above category as per available data of last year, to impose total ban against the sale or use of all kinds of fire crackers from November 9-10, 2020 to the midnight of November 30 – December 1, 2020. Mizoram State Govt. has not issued specific order on total ban of fire crackers during Diwali as the situation in Mizoram do not call for the need. The Air Quality of Aizawl City and other towns in Mizoram fall under **Good/Satisfactory category** for the past years till date based on AQI. Besides, Mizoram is Christian dominated state and the Hindu population is marginal accounting for only 2.75 percent of the total population and use of fire crackers during Diwali is barely noticeable over the years. There has been no adverse impact on the air quality of Aizawl city and other town on account of Diwali during the past years which is evidenced by the air quality and noise data generated as per the assessment carried out by Mizoram Pollution Control Board before and during Diwali each year.

**2. Monitoring of Air Quality during Diwali, 2020**

As regularly practiced in the previous years and as per the protocol of CPCB, monitoring for air quality during Diwali is again being undertaken during Diwali period this year from the existing 4 nos. of NAMP stations in Aizawl city and one Continuous Ambient Air Quality Monitoring Station at Sikulpuikawn, Aizawl for a period of 14 days ( 7<sup>th</sup> - 23<sup>rd</sup> November 2020) . Ambient Air data as on the reporting date (20.11.2020) is given at *Annexure-I*. The Air Quality Index (AQI) during the monitoring period is found within **Good/Satisfactory** category is all within permissible limits. Use of firecracker during Diwali celebration in the state is not observed. The State govt. has imposed certain restrictions on social gatherings due to Covid-19 and night time curfew between 8 P.M to 4:40 A.M.

**Ambient Air Quality Monitoring data During Deepawali festival, 2020  
(7.11.2020 to 22.11.2020)**

**Data / Observations:**

Monitoring Station	Date of Monitoring	Regulatory parameters		
		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> )
<b>LAIPUITLANG</b>	7.11.2020	2	4.5	18
	9.11.2020	2	4.5	20
	11.11.2020	2	4.5	21
	13.11.2020	2	4.5	17
	15.11.2020	2	4.5	20
	17.11.2020	2	4.5	21
	19.11.2020	2	4.5	24
<b>BAWNGKAWN</b>	7.11.2020	2	4.5	14
	9.11.2020	2	4.5	9
	11.11.2020	2	4.5	21
	13.11.2020	2	12	20
	15.11.2020	2	4.5	9
	17.11.2020	2	11.8	49
	19.11.2020	2	10.9	52
<b>DAWRPUI</b>	8.11.2020	2	4.5	20
	10.11.2020	2	4.5	20
	12.11.2020	2	4.5	42
	14.11.2020	2	4.5	48
	16.11.2020	2	9.9	46
	18.11.2020	2	11.8	49
<b>KHATLA</b>	8.11.2020	2	4.5	10
	10.11.2020	2	4.5	11
	12.11.2020	2	4.5	12
	14.11.2020	2	4.5	10
	16.11.2020	2	4.5	12
	18.11.2020	2	4.5	11
* All values (24 hourly Avg.) are in µg/m <sup>3</sup>				



# CENTRAL POLLUTION CONTROL BOARD

## CONTINUOUS AMBIENT AIR QUALITY

**Date:** Friday, Nov 20 2020  
**Time:** 05:45:48 PM

**Station:** Sikulpuikawn, Aizawl - Mizoram PCB

**State:** Mizoram

**City:** Aizawl

**Parameter:** PM2.5, PM10, NO2, NOx, NO, NH3, SO2, CO, Ozone, Benzene, Toluene, Xylene, MP-Xylene, Eth-Benzene, AT

**Average Period:** 24 Hours

**From:** 07-11-2020T00:00:00Z 00:00

**To:** 20-11-2020T17:33:59Z 00:00

		Sikulpuikawn, Aizawl - Mizoram PCB		
Prescribed Standards		0-60	0-100	0-80
Exceeding Standards		NA	NA	NA
Remarks				
From Date	To Date	PM2.5	PM10	NO2
07-11-2020 00:00	08-11-2020 00:00	None	None	None
08-11-2020 00:00	09-11-2020 00:00	None	None	None
09-11-2020 00:00	10-11-2020 00:00	4.97	18.38	0.26
10-11-2020 00:00	11-11-2020 00:00	2.44	14.18	0.41
11-11-2020 00:00	12-11-2020 00:00	5.35	17.51	0.54
12-11-2020 00:00	13-11-2020 00:00	6.22	19.5	0.33
13-11-2020 00:00	14-11-2020 00:00	4.36	17.5	0.42
14-11-2020 00:00	15-11-2020 00:00	2.48	6.83	0.16
15-11-2020 00:00	16-11-2020 00:00	None	None	None
16-11-2020 00:00	17-11-2020 00:00	2.15	12.21	0.77
17-11-2020 00:00	18-11-2020 00:00	26.06	49.91	0.71
18-11-2020 00:00	19-11-2020 00:00	22.67	46.37	0.58
19-11-2020 00:00	20-11-2020 00:00	29.1	59.39	0.52
20-11-2020 00:00	20-11-2020 17:33	41.48	69.65	0.73
Prescribed Standards		0-80	0-80	0-400
Exceeding Standards		NA	NA	NA
Remarks				
From Date	To Date	NOx	NO	NH3
07-11-2020 00:00	08-11-2020 00:00	None	None	None
08-11-2020 00:00	09-11-2020 00:00	None	None	None
09-11-2020 00:00	10-11-2020 00:00	16.89	12.6	None
10-11-2020 00:00	11-11-2020 00:00	16.38	12.15	None
11-11-2020 00:00	12-11-2020 00:00	16.5	12.2	None
12-11-2020 00:00	13-11-2020 00:00	16.34	12.18	None
13-11-2020 00:00	14-11-2020 00:00	16.35	12.09	None
14-11-2020 00:00	15-11-2020 00:00	15.54	11.93	None
15-11-2020 00:00	16-11-2020 00:00	None	None	None
16-11-2020 00:00	17-11-2020 00:00	16.96	12.28	None
17-11-2020 00:00	18-11-2020 00:00	16.25	11.8	None
18-11-2020 00:00	19-11-2020 00:00	16.26	11.87	None
19-11-2020 00:00	20-11-2020 00:00	16.15	11.86	None
20-11-2020 00:00	20-11-2020 17:33	16.35	11.87	None

Prescribed Standards		0-80	0-4	0-180
Exceeding Standards		NA	NA	NA
Remarks				
From Date	To Date	SO2	CO	Ozone
07-11-2020 00:00	08-11-2020 00:00	None	None	None
08-11-2020 00:00	09-11-2020 00:00	None	None	None
09-11-2020 00:00	10-11-2020 00:00	24.13	0.36	4.37
10-11-2020 00:00	11-11-2020 00:00	13.0	0.26	5.42
11-11-2020 00:00	12-11-2020 00:00	1.83	0.28	5.21
12-11-2020 00:00	13-11-2020 00:00	2.26	0.32	2.57
13-11-2020 00:00	14-11-2020 00:00	2.23	0.29	0.88
14-11-2020 00:00	15-11-2020 00:00	1.38	0.26	0.44
15-11-2020 00:00	16-11-2020 00:00	None	None	None
16-11-2020 00:00	17-11-2020 00:00	3.93	0.24	2.4
17-11-2020 00:00	18-11-2020 00:00	2.66	0.34	2.89
18-11-2020 00:00	19-11-2020 00:00	3.34	0.33	1.89
19-11-2020 00:00	20-11-2020 00:00	4.07	0.37	1.48
20-11-2020 00:00	20-11-2020 17:33	3.8	0.38	2.15
Prescribed Standards		0-5	0-5	0-5
Exceeding Standards		NA	NA	NA
Remarks				
From Date	To Date	Benzene	Toluene	Xylene
07-11-2020 00:00	08-11-2020 00:00	None	None	None
08-11-2020 00:00	09-11-2020 00:00	None	None	None
09-11-2020 00:00	10-11-2020 00:00	0.0	None	None
10-11-2020 00:00	11-11-2020 00:00	0.0	None	None
11-11-2020 00:00	12-11-2020 00:00	0.0	0.0	None
12-11-2020 00:00	13-11-2020 00:00	0.0	None	None
13-11-2020 00:00	14-11-2020 00:00	0.0	0.0	None
14-11-2020 00:00	15-11-2020 00:00	0.0	None	None
15-11-2020 00:00	16-11-2020 00:00	None	None	None
16-11-2020 00:00	17-11-2020 00:00	0.0	None	None
17-11-2020 00:00	18-11-2020 00:00	0.0	None	None
18-11-2020 00:00	19-11-2020 00:00	0.0	None	None
19-11-2020 00:00	20-11-2020 00:00	0.0	None	None
20-11-2020 00:00	20-11-2020 17:33	0.0	None	None
Prescribed Standards		0-5	0-5	NA
Exceeding Standards		NA	NA	NA
Remarks				
From Date	To Date	MP-Xylene	Eth-Benzene	AT
07-11-2020 00:00	08-11-2020 00:00	None	None	None
08-11-2020 00:00	09-11-2020 00:00	None	None	None
09-11-2020 00:00	10-11-2020 00:00	None	None	None
10-11-2020 00:00	11-11-2020 00:00	None	None	None
11-11-2020 00:00	12-11-2020 00:00	None	None	None
12-11-2020 00:00	13-11-2020 00:00	None	None	None
13-11-2020 00:00	14-11-2020 00:00	None	None	None
14-11-2020 00:00	15-11-2020 00:00	None	None	None
15-11-2020 00:00	16-11-2020 00:00	None	None	None
16-11-2020 00:00	17-11-2020 00:00	None	None	None
17-11-2020 00:00	18-11-2020 00:00	None	None	None
18-11-2020 00:00	19-11-2020 00:00	None	None	None
19-11-2020 00:00	20-11-2020 00:00	None	None	None
20-11-2020 00:00	20-11-2020 17:33	None	None	None

