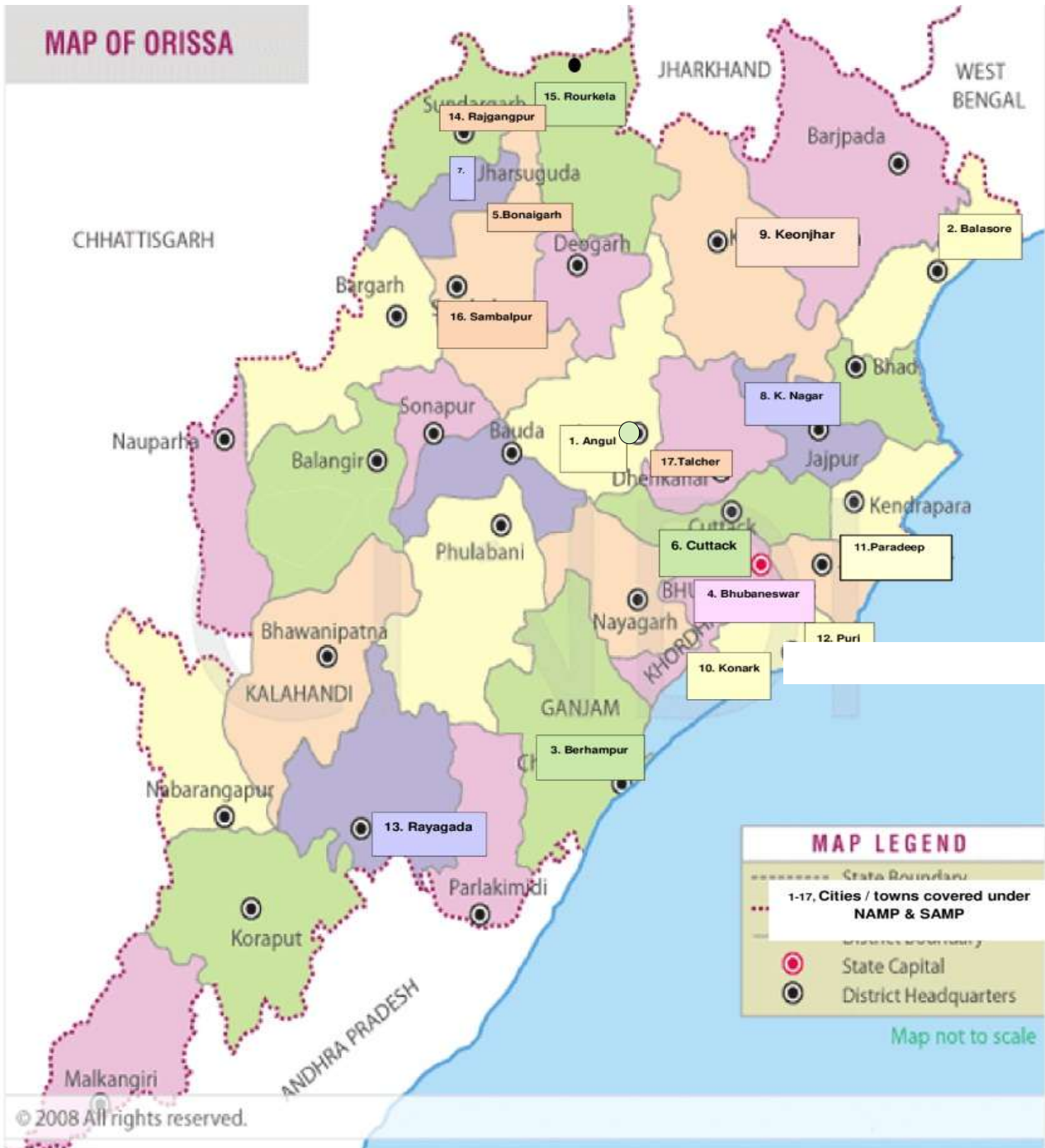


# AMBIENT NOISE LEVEL AND AIR QUALITY DURING DEEPAWALI, 2021 OF MAJOR CITIES / TOWNS OF ODISHA



## AMBIENT AIR QUALITY STANDARDS IN RESPECT OF NOISE

Category of Area/Zone	Limits in dB(A) Leq	
	Day Time (6.00 a.m. - 10.00 p.m.)	Night Time (10.00 p.m. - 6.00 a.m.)
Industrial area	75	70
Commercial area	65	55
Residential area	55	45
Silence Zone	50	40

## NATIONAL AMBIENT AIR QUALITY STANDARDS (24 HOURLY)

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> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )
80	80	100	60

**AMBIENT NOISE LEVEL ON PRE- DEEPAWALI&ON THE DAY OF DEEPAWALI,2021  
OF MAJOR CITIES/TOWNS OF ODISHA**

**1. ANGUL**

**NOISE LEVEL DURING DEEPAWALIFESTIVAL, 2021:**

Location : A Amalapada	Zone		Pre- Deepawali (29.10.2021)				On the day of Deepawali (4.11.2021)				Standard	
Time duration	Residential	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			44.1	93.2	72.4	65.5	40.6	90.3	68.2	72.7	D	55
19:00 to 20:00 Hr			47.4	86.4	64.2		54.7	99.2	78.4			
20:00 to 21:00 Hr			45.0	90.6	65.4		47.2	87.8	72.8			
21:00 to 22:00 Hr		46.6	84.8	60.3	47.4		93.2	71.6				
22:00 to 23:00 Hr		N	43.3	70.0	65.2	61.6	41.2	92.2	68.2	66.9	N	45
23:00 to 24:00 Hr			42.8	68.1	58.1		32.3	87.7	65.7			

Location : B Bazar Chhak	Zone		Pre- Deepawali (29.10.2021)				On the day of Deepawali (4.11.2021)0				Standard	
Time duration	Commercial	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			52.6	91.6	72.2	68.8	63.2	96.4	75.3	75.6	D	65
19:00 to 20:00 Hr			62.6	82.9	75.1		62.3	102.0	78.2			
20:00 to 21:00 Hr			58.1	83.2	68.4		62.4	99.2	76.3			
21:00 to 22:00 Hr		52.2	86.5	59.6	60.1		96.0	72.7				
22:00 to 23:00 Hr		N	48.2	61.4	54.2	51.2	53.0	93.1	68.1	66.1	N	55
23:00 to 24:00 Hr			46.3	63.2	48.2		53.4	84.5	64.1			

Location : C District Head Quarter Hospital	Zone		Pre- Deepawali (29.10.2021)				On the day of Deepawali (4.11.2021)				Standard	
Time duration	Silence	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			51.2	84.3	61.7	61.9	48.4	83.2	64.5	64.8	D	50
19:00 to 20:00 Hr			46.5	94.7	70.2		50.0	75.4	60.2			
20:00 to 21:00 Hr			48.1	84.6	60.3		51.2	84.5	63.4			
21:00 to 22:00 Hr		45.6	72.5	55.5	54.5		90.3	71.4				
22:00 to 23:00 Hr		N	40.4	68.6	47.4	44.8	44.7	84.3	66.2	62.8	N	40
23:00 to 24:00 Hr			36.1	68.2	42.2		42.1	85.2	59.5			

Location : D Hakimpada	Zone		Pre- Deepawali (29.10.2021)				On the day of Deepawali (4.11.2021)				Standard	
Time duration	Industrial	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg LeqdB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			49.2	91.1	61.4	60.0	52.3	95.3	68.4	65.6	D	75
19:00 to 20:00 Hr			39.4	83.3	63.2		58.4	97.0	70.2			
20:00 to 21:00 Hr			47.6	72.3	57.1		56.2	93.4	69.9			
21:00 to 22:00 Hr		47.9	75.4	58.4	45.3		91.4	54.2				
22:00 to 23:00 Hr		N	46.4	92.2	60.3	57.2	44.2	82.8	62.0	61.7	N	70
23:00 to 24:00 Hr			42.5	78.0	54.1		46.4	87.7	61.5			

## 2. BALASORE

### NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2021:

Location : A Sahadevkhunta		Zone		Pre- Deepawali (29.10.2021)				On the day of Deepawali (04.11.2021)				Standard	
Time duration		Residential	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr				47.8	82.4	68.6	61.5	59.6	82.9	68.7	67.1	D	55
19:00 to 20:00 Hr				49.9	77.5	61.8		50.2	85.0	64.0			
20:00 to 21:00 Hr				49.1	72.6	59.1		49.6	85.9	64.9			
21:00 to 22:00 Hr			41.1	75.0	56.6	51.2		90.2	70.8				
22:00 to 23:00 Hr			N	55.9	79.6	62.9	60.8	43.6	90.4	70.3	64.9	N	45
23:00 to 24:00 Hr				40.4	75.7	58.7		40.4	75.3	59.5			

Location : B Motiganj		Zone		Pre- Deepawali (29.10.2021)				On the day of Deepawali (04.11.2021)				Standard	
Time duration		Commercial	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr				41.8	89.8	65.7	73.4	64.4	91.1	76.3	73.5	D	65
19:00 to 20:00 Hr				55.2	88.7	69.4		60.6	79.6	68.4			
20:00 to 21:00 Hr				61.3	94.6	83.6		58.6	88.6	74.2			
21:00 to 22:00 Hr			45.1	92.7	75.1	58.2		97.4	75.2				
22:00 to 23:00 Hr			N	52.2	90.6	71.3	67.9	54.5	96.2	83.1	71.3	N	55
23:00 to 24:00 Hr				36.6	78.6	64.6		42.0	78.6	59.6			

Location : C District Head Quarter Hospital		Zone		Pre- Deepawali (29.10.2021)				On the day of Deepawali (04.11.2021)				Standard	
Time duration		Silence	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr				46.9	50.3	48.0	50.1	49.3	79.7	61.4	60.5	D	50
19:00 to 20:00 Hr				38.6	69.1	56.8		49.8	76.5	65.7			
20:00 to 21:00 Hr				43.3	68.0	50.4		46.7	68.6	55.9			
21:00 to 22:00 Hr			43.1	66.1	45.2	43.2		71.6	59.2				
22:00 to 23:00 Hr			N	43.4	68.6	53.4	47.8	35.0	64.9	49.9	49.8	N	40
23:00 to 24:00 Hr				32.7	60.4	42.2		36.1	50.9	49.8			

Location : D Balasore Industrial Estate		Zone		Pre- Deepawali (29.10.2021)				On the day of Deepawali (04.11.2021)				Standard	
Time duration		Industrial	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr				42.4	77.2	59.5	58.4	44.3	77.2	61.1	60.1	D	75
19:00 to 20:00 Hr				47.2	72.6	60.6		43.5	81.5	60.3			
20:00 to 21:00 Hr				43.1	71.6	60.0		40.1	73.5	58.8			
21:00 to 22:00 Hr			41.0	68.2	53.5	39.8		68.6	60.2				
22:00 to 23:00 Hr			N	34.4	64.6	52.2	51.0	40.6	66.8	62.4	57.4	N	70
23:00 to 24:00 Hr				36.1	61.2	49.8		33.2	62.6	52.4			

### 3. BERHAMPUR

#### NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2021:

Location : A Brahmanagar	Zone		Pre- Deepawali (29.10.2021)				On the day of Deepawali (04.11.2021)				Standard	
Time duration	Residential	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			47.3	79.2	61.9	69.0	62.4	98.1	75.8	75.7	D	55
19:00 to 20:00 Hr			50.2	88.3	84.2		57.9	107.2	86.5			
20:00 to 21:00 Hr			51.3	86.5	64.3		53.7	88.2	72.7			
21:00 to 22:00 Hr		52.6	95.3	65.9	51.0		82.8	67.9				
22:00 to 23:00 Hr		N	50.2	72.3	54.2	53.1	53.9	74.8	64.6	63.9	N	45
23:00 to 24:00 Hr			43.6	68.3	52.1		46.1	75.4	63.2			

Location : B Girija Market square	Zone		Pre- Deepawali (29.10.2021)				On the day of Deepawali (04.11.2021)				Standard	
Time duration	Commercial	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			63.8	92.4	76.7	76.8	63.9	91.6	75.1	77.2	D	65
19:00 to 20:00 Hr			65.3	94.6	77.6		61.9	102.0	78.8			
20:00 to 21:00 Hr			68.3	96.6	78.3		61.8	101.3	78.4			
21:00 to 22:00 Hr		64.2	102.3	74.6	61.0		89.4	76.6				
22:00 to 23:00 Hr		N	50.0	87.2	62.2	58.2	50.2	81.6	64.4	61.6	N	55
23:00 to 24:00 Hr			42.2	68.5	54.3		38.4	71.0	58.8			

Location : C MKCG Medical College Hospital Campus	Zone		Pre- Deepawali (29.10.2021)				On the day of Deepawali (04.11.2021)				Standard	
Time duration	Silence	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			46.5	71.7	57.9	65.9	54.0	84.2	69.6	67.8	D	75
19:00 to 20:00 Hr			59.0	97.2	75.9		51.3	86.7	70.3			
20:00 to 21:00 Hr			53.1	78.9	65.3		55.6	88.9	71.3			
21:00 to 22:00 Hr		49.9	85.5	64.6	52.3		85.3	60.3				
22:00 to 23:00 Hr		N	43.2	70.2	51.3	50.8	41.6	69.1	54.2	57.1	N	70
23:00 to 24:00 Hr			42.3	67.3	50.3		45.2	78.3	60.1			

Location : D Industrial Estate, Ankuli	Zone		Pre- Deepawali (29.10.2021)				On the day of Deepawali (04.11.2021)				Standard	
Time duration	Industrial	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			54.6	92.5	72.1	64.0	56.0	93.2	76.3	65.0	D	75
19:00 to 20:00 Hr			53.1	78.9	65.3		54.3	95.3	60.2			
20:00 to 21:00 Hr			49.9	85.5	64.6		50.2	88.3	62.3			
21:00 to 22:00 Hr		41.6	69.1	54.2	52.1		87.3	61.3				
22:00 to 23:00 Hr		N	55.3	81.2	60.0	59.1	44.3	75.8	62.9	61.5	N	70
23:00 to 24:00 Hr			50.2	75.3	58.3		45.2	78.3	60.1			

## 4. BHUBANESWAR

### NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2021:

Location: A Nayapalli	Zone		Pre- Deepawali (29.10.2021)				On the day of Deepawali (04.11.2021)				Standard	
Time duration	Residential	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			42.9	70.4	57.4	58.7	53.3	78.4	64.4	63.0	D	55
19:00 to 20:00 Hr			46.8	69.8	55.0		53.0	77.7	65.4			
20:00 to 21:00 Hr			50.2	71.3	58.5		52.2	83.0	66.0			
21:00 to 22:00 Hr			47.4	81.6	64.0		46.4	72.1	56.3			
22:00 to 23:00 Hr		28.7	61.2	45.0	43.9	46.2	71.5	56.2	52.1			
23:00 to 24:00 Hr		28.9	64.0	42.7		31.9	66.1	48.1				

Location: B Sahid Nagar	Zone		Pre- Deepawali (29.10.2021)				On the day of Deepawali (04.11.2021)				Standard	
Time duration	Commercial	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			55.3	79.7	63.2	70.0	66.2	81.3	72.6	74.3	D	65
19:00 to 20:00 Hr			54.5	94.9	72.0		67.5	92.8	76.9			
20:00 to 21:00 Hr			56.2	89.5	75.0		62.2	90.5	75.6			
21:00 to 22:00 Hr			56.7	84.6	69.8		62.4	85.4	71.9			
22:00 to 23:00 Hr		57.9	83.4	69.0	56.5	60.6	81.9	72.5	66.0			
23:00 to 24:00 Hr		30.3	59.3	43.9		32.6	77.7	59.6				

Location: C Capital Hospital	Zone		Pre- Deepawali (29.10.2021)				On the day of Deepawali (04.11.2021)				Standard	
Time duration	Silence	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			45.8	68.4	52.8	49.6	47.4	77.7	66.2	68.3	D	50
19:00 to 20:00 Hr			46.1	64.8	52.8		34.9	88.6	71.5			
20:00 to 21:00 Hr			45.4	67.1	51.0		45.8	85.6	69.4			
21:00 to 22:00 Hr			24.9	63.6	41.9		52.0	86.8	66.2			
22:00 to 23:00 Hr		24.4	51.9	34.2	33.5	26.4	66.4	49.8	46.5			
23:00 to 24:00 Hr		22.0	44.6	32.8		22.8	57.1	43.1				

Location: D Rasulgarh	Zone		Pre- Deepawali (29.10.2021)				On the day of Deepawali (04.11.2021)				Standard	
Time duration	Industrial	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			62.7	89.0	75.5	71.1	55.8	74.7	64.5	73.0	D	75
19:00 to 20:00 Hr			60.7	85.7	72.2		55.7	93.1	75.6			
20:00 to 21:00 Hr			60.7	88.8	71.4		52.5	89.8	74.3			
21:00 to 22:00 Hr			58.6	75.1	65.5		67.8	98.4	77.5			
22:00 to 23:00 Hr		57.7	78.6	66.7	55.9	58.3	79.0	67.4	57.7			
23:00 to 24:00 Hr		28.2	62.5	45.0		31.6	65.6	48.0				

## 5. CUTTACK

### NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2021:

Location : A Suryavihar Link Road	Zone	Pre- Deepawali (29.10.2021)				On the day of Deepawali (04.11.2021)				Standard		
Time duration	Residential	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	D	55
18:00 to 19:00 Hr			56.1	86.0	65.0	65.6	57.9	87.2	64.2	75.9		
19:00 to 20:00 Hr			57.3	78.6	65.9		66.5	97.3	83.5			
20:00 to 21:00 Hr			57.2	73.4	64.8		45.9	97.8	76.0			
21:00 to 22:00 Hr		55.2	81.4	66.5	64.3		96.5	80.0				
22:00 to 23:00 Hr		N	51.0	80.7	56.5	60.4	56.3	87.5	70.4	68.4	N	45
23:00 to 24:00 Hr			33.2	82.6	64.4		55.8	86.9	66.3			

Location : B Badambadi	Zone	Pre- Deepawali (29.10.2021)				On the day of Deepawali (04.11.2021)				Standard		
Time duration	Commercial	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	D	65
18:00 to 19:00 Hr			56.3	85.6	70.8	76.9	50.2	91.7	70.6	79.8		
19:00 to 20:00 Hr			57.2	89.2	80.7		56.9	100.3	84.1			
20:00 to 21:00 Hr			57.0	94.9	78.5		61.2	96.9	82.5			
21:00 to 22:00 Hr		60.9	87.1	77.7	51.9		102.5	82.3				
22:00 to 23:00 Hr		N	53.6	98.0	71.7	71.1	53.9	97.9	81.9	81.9	N	55
23:00 to 24:00 Hr			57.5	87.7	70.5		63.0	98.5	82			

Location : C SCB Medical College & Hospital	Zone	Pre- Deepawali (29.10.2021)				On the day of Deepawali (04.11.2021)				Standard		
Time duration	Silence	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	D	50
18:00 to 19:00 Hr			57.2	74.9	63.1	63.5	45.7	74.9	61.0	69.5		
19:00 to 20:00 Hr			56.8	66.9	58.5		51.9	88.6	75.9			
20:00 to 21:00 Hr			58.5	96.7	69.7		54.2	91.0	74.1			
21:00 to 22:00 Hr		56.6	86.5	62.8	52.3		84.7	67.1				
22:00 to 23:00 Hr		N	52.8	85.9	70.9	67.9	46.7	86.0	69.3	69.8	N	40
23:00 to 24:00 Hr			42.2	80.6	65.0		60.0	85.5	70.3			

Location : D Khapuria Industrial Estate	Zone	Pre- Deepawali (29.10.2021)				On the day of Deepawali (04.11.2021)				Standard		
Time duration	Industrial	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	D	75
18:00 to 19:00 Hr			57.6	90.1	69.6	65.5	64.2	102.9	78.7	77.9		
19:00 to 20:00 Hr			57.6	86.1	66.7		47.3	101.8	82.5			
20:00 to 21:00 Hr			58.3	75.3	67.0		37.7	95.2	75.7			
21:00 to 22:00 Hr		56.6	73.5	59.0	42.4		93.9	74.7				
22:00 to 23:00 Hr		N	29.1	86.4	65.9	68.8	51.4	100.2	78.9	71.8	N	70
23:00 to 24:00 Hr			55.9	85.8	71.7		49.6	80.5	64.8			

## 6. JHARSUGUDA

### NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2021:

Location : A Cox Colony	Zone		Pre- Deepawali (29.10.2021)				On the day of Deepawali (04.11.2021)				Standard	
Time duration	Residential	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			34.8	79.5	58.2	56.7	44.8	98.0	75.4	76.6	D	55
19:00 to 20:00 Hr			30.6	82.7	61.7		48.6	87.2	69.8			
20:00 to 21:00 Hr			36.2	73.0	54.5		46.3	85.4	78.6			
21:00 to 22:00 Hr		35.7	76.8	52.4	42.1		92.7	82.9				
22:00 to 23:00 Hr		N	31.0	70.2	49.6	47.7	39.5	99.3	74.5	76.7	N	45
23:00 to 24:00 Hr			28.8	68.6	45.8	41.3	82.6	79.0				

Location :B Near JhandaChowk	Zone		Pre- Deepawali (29.10.2021)				On the day of Deepawali (04.11.2021)				Standard	
Time duration	Commercial	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			53.1	82.6	69.7	73.7	56.1	98.6	75.7	75.5	D	65
19:00 to 20:00 Hr			55.9	86.4	74.5		54.3	96.4	78.2			
20:00 to 21:00 Hr			51.7	90.5	78.3		48.0	93.0	78.8			
21:00 to 22:00 Hr		56.3	94.3	72.4	43.8		102.3	69.3				
22:00 to 23:00 Hr		N	52.5	96.6	70.2	67.6	40.4	95.6	74.6	73.4	N	55
23:00 to 24:00 Hr			50.2	89.8	65.0	50.6	90.7	72.2				

Location : C Near Covid Hospital	Zone		Pre- Deepawali (29.10.2021)				On the day of Deepawali (04.11.2021)				Standard	
Time duration	Silence	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			45.3	79.3	70.3	66.3	48.4	79.7	67.8	66.6	D	50
19:00 to 20:00 Hr			48.5	83.1	68.4		45.7	84.4	65.5			
20:00 to 21:00 Hr			43.1	86.5	65.1		47.8	80.9	68.2			
21:00 to 22:00 Hr		45.7	54.7	61.7	39.2		87.2	64.9				
22:00 to 23:00 Hr		N	36.1	73.5	61.4	60.3	42.0	89.3	74.9	72.9	N	40
23:00 to 24:00 Hr			34.3	75.8	59.3	49.2	85.0	71.0				

Location : D Near Bombay Chowk	Zone		Pre- Deepawali (29.10.2021)				On the day of Deepawali (04.11.2021)				Standard	
Time duration	Industrial	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			55.6	87.2	69.4	68.8	49.3	89.2	74.4	71.8	D	75
19:00 to 20:00 Hr			53.7	89.0	73.7		45.8	86.4	68.3			
20:00 to 21:00 Hr			46.9	93.7	68.3		40.9	84.6	78.9			
21:00 to 22:00 Hr		32.1	84.3	63.8	38.7		85.0	65.7				
22:00 to 23:00 Hr		N	38.9	79.1	58.2	59.8	42.6	92.8	71.2	69.6	N	70
23:00 to 24:00 Hr			28.6	80.8	61.5	39.5	95.3	68.0				

## 7.KALINGANAGAR

### NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2021:

Location : A Sapagadia	Zone	Pre- Deepawali (29.10.2021)				On the day of Deepawali (04.11.2021)				Standard		
Time duration	Residential	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			58.5	93.8	70.7	66.6	58.0	89.3	73.3	74.4	D	55
19:00 to 20:00 Hr			57.2	84.7	67.3		58.6	92.4	77.1			
20:00 to 21:00 Hr			37.9	90.1	66.7		52.0	94.4	72.7			
21:00 to 22:00 Hr		43.1	87.5	62.0	47.6		93.3	74.8				
22:00 to 23:00 Hr		N	45.7	89.9	66.1	65.0	56.1	84.7	73.5	72.0	N	45
23:00 to 24:00 Hr			53.2	79.8	64.0	60.8	81.0	70.5				

Location : B GopabandhuC howk	Zone	Pre- Deepawali (29.10.2021)				On the day of Deepawali (04.11.2021)				Standard		
Time duration	Commercial	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			50.6	95.0	70.6	71.0	48.4	91.4	72.7	73.6	D	65
19:00 to 20:00 Hr			37.6	97.1	70.4		59.0	108.2	76.4			
20:00 to 21:00 Hr			56.3	90.7	71.5		46.5	92.6	70.5			
21:00 to 22:00 Hr		52.8	93.9	71.8	49.3		89.1	74.8				
22:00 to 23:00 Hr		N	47.2	85.1	66.0	64.1	59.0	95.4	71.7	69.8	N	55
23:00 to 24:00 Hr			45.4	75.7	62.3	44.2	93.4	67.9				

Location : C CHC Hospital Premises, Jajpur road	Zone	Pre- Deepawali (29.10.2021)				On the day of Deepawali (04.11.2021)				Standard		
Time duration	Silence	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			51.9	75.1	58.7	62.4	48.4	105.7	73.7	69.7	D	50
19:00 to 20:00 Hr			37.6	89.7	62.3		49.6	100.4	71.9			
20:00 to 21:00 Hr			54.2	77.8	63.7		50.4	81.9	65.9			
21:00 to 22:00 Hr		42.3	88.9	65.0	42.4		90.4	67.6				
22:00 to 23:00 Hr		N	51.4	91.2	66.8	65.1	38.8	81.5	64.4	66.2	N	40
23:00 to 24:00 Hr			46.1	90.2	63.4		55.7	88.2	68.1			

Location : D Kalinganagar Industrial Complex	Zone	Pre- Deepawali (29.10.2021)				On the day of Deepawali (04.11.2021)				Standard		
Time duration	Industrial	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			51.7	93.8	73.5	67.3	60.3	95.5	72.9	70.5	D	75
19:00 to 20:00 Hr			51.9	84.9	67.6		56.3	83.3	70.1			
20:00 to 21:00 Hr			48.8	87.6	66.8		45.8	92.4	70.4			
21:00 to 22:00 Hr		47.0	77.7	61.4	44.1		93.9	68.7				
22:00 to 23:00 Hr		N	52.6	83.3	64.6	65.0	54.4	88.3	69.8	69.0	N	70
23:00 to 24:00 Hr			44.9	80.3	65.5		56.3	80.6	68.2			



## 8.KEONJHAR

### NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2021:

Location : A Baniapatchowk	Zone		Pre- Deepawali (29.10.2021)				On the day of Deepawali (04.11.2021)				Standard	
Time duration	Residential	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			37.9	80.5	58.9	65.1	47.1	94.0	72.2	74.9	D	55
19:00 to 20:00 Hr			47.6	87.9	68.0		33.9	90.1	62.7			
20:00 to 21:00 Hr			47.8	91.3	68.7		44.9	109.7	84.3			
21:00 to 22:00 Hr		43.0	85.1	65.1	47.0		110.7	80.7				
22:00 to 23:00 Hr		N	39.6	88.2	63.8	53.8	35.8	87.0	65.5	60.8	N	45
23:00 to 24:00 Hr			30.7	63.8	43.8		27.0	83.9	56.2			

Location : B Punjabi Chowk	Zone		Pre- Deepawali (29.10.2021)				On the day of Deepawali (04.11.2021)				Standard	
Time duration	Commercial	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			45.8	81.1	59.5	66.4	51.8	94.6	72.8	73.3	D	65
19:00 to 20:00 Hr			45.0	90.1	65.1		52.1	99.9	74.4			
20:00 to 21:00 Hr			53.0	86.5	70.6		57.4	89.7	75.5			
21:00 to 22:00 Hr		49.6	87.6	70.7	51.9		92.9	70.8				
22:00 to 23:00 Hr		N	54.3	88	74.8	60.3	50.7	92.1	73.2	65.9	N	55
23:00 to 24:00 Hr			30.3	64.2	45.9		27.8	88.9	58.7			

Location : C DHQ Hospital	Zone		Pre- Deepawali (29.10.2021)				On the day of Deepawali (04.11.2021)				Standard	
Time duration	Silence	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			40.5	80.7	60.3	59.6	39.7	93.4	64.8	62.8	D	50
19:00 to 20:00 Hr			38.6	86.0	62.3		37.9	78.3	59.3			
20:00 to 21:00 Hr			31.0	78.6	63.7		35.9	85.0	61.6			
21:00 to 22:00 Hr		36.9	74.3	52.1	37.5		88.1	65.8				
22:00 to 23:00 Hr		N	37.6	67.1	46.6	44.2	42.7	85.5	68.9	55.6	N	40
23:00 to 24:00 Hr			33.7	84.7	41.8		29.2	64.9	42.3			

## 9. Konark

### NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2021:

Location: A Madhipur	Zone		Pre- Deepawali (29.10.2021)				On the day of Deepawali (04.11.2021)				Standard	
Time duration	Residential	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			41.3	76.0	65.5	55.0	46.0	76.4	63.1	60.0	D	55
19:00 to 20:00 Hr			40.0	73.0	55.0							
20:00 to 21:00 Hr			38.6	68.3	52.2							
21:00 to 22:00 Hr		37.2	58.0	47.5								
22:00 to 23:00 Hr		N	40.2	55.5	45.8	45.5	44.1	64.4	53.0	52.5	N	45
23:00 to 24:00 Hr			36.2	50.0	45.2		41.7	62.8	52.0			

Location: B NAC Market	Zone		Pre- Deepawali (29.10.2021)				On the day of Deepawali (04.11.2021)				Standard	
Time duration	Commercial	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			47.2	81.5	67.0	61.4	54.0	84.7	73.8	71.3	D	65
19:00 to 20:00 Hr			46.8	75.8	61.9							
20:00 to 21:00 Hr			46.5	73.9	61.4							
21:00 to 22:00 Hr		40.4	68.6	55.4								
22:00 to 23:00 Hr		N	39.6	66.8	54.9	53.5	47.2	73.8	60.6	57.4	N	55
23:00 to 24:00 Hr			36.3	65.7	52.1		34.5	70.1	54.2			

Location: C Public Health Centre	Zone		Pre- Deepawali (29.10.2021)				On the day of Deepawali (04.11.2021)				Standard	
Time duration	Silence	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			41.5	72.1	57.5	54.2	46.7	72.0	58.0	59.9	D	50
19:00 to 20:00 Hr			40.8	72.0	56.0							
20:00 to 21:00 Hr			40.6	65.8	52.1							
21:00 to 22:00 Hr		38.1	65.5	51.5								
22:00 to 23:00 Hr		N	37.3	52.2	46.9	45.0	40.2	72.7	54.2	48.7	N	40
23:00 to 24:00 Hr			34.5	48.7	43.2		33.3	62.6	43.1			

# 10. PARADEEP

## NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2021:

Location : A Madhuban Paradeep	Zone		Pre- Deepawali (29.10.2021)				On the day of Deepawali (04.11.2021)				Standard	
Time duration	Residential	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			41.5	74.6	49.8	47.1	37.5	82.8	56.8	59.4	D	55
19:00 to 20:00 Hr			41.7	63.4	46.2		39.5	81.6	58.9			
20:00 to 21:00 Hr			43.4	70.1	51.8		39.2	87.1	58.2			
21:00 to 22:00 Hr		34.8	62.1	40.7	38.2		84.6	63.7				
22:00 to 23:00 Hr		N	32.6	67.7	47.4	43.4	36.8	71.6	54.5	51.5	N	45
23:00 to 24:00 Hr			33.9	55.8	39.5		31	75.4	48.6			

Location : B Badapadia Market Paradeep	Zone		Pre- Deepawali (29.10.2021)				On the day of Deepawali (04.11.2021)				Standard	
Time duration	Commercial	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			52.9	91.8	72.5	65.6	50.5	86.7	64.3	68.0	D	65
19:00 to 20:00 Hr			51.3	94.1	70.0		51.8	92.5	66.7			
20:00 to 21:00 Hr			48.3	84.8	64.3		51.1	99.3	69.5			
21:00 to 22:00 Hr		42.4	71.6	55.9	48		96.4	71.3				
22:00 to 23:00 Hr		N	42.1	82.8	58.5	53.1	52.5	98.0	74.4	71.2	N	55
23:00 to 24:00 Hr			31.7	62.1	47.7		39.3	83.0	68.1			

Location : C Bijumemorial Hospital, Paradeep	Zone		Pre- Deepawali (29.10.2021)				On the day of Deepawali (04.11.2021)				Standard	
Time duration	Silence	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			44.8	71.9	54.1	50.0	35.1	90.2	62.6	63.8	D	50
19:00 to 20:00 Hr			38.6	78.8	54.5		48.2	87.8	63.6			
20:00 to 21:00 Hr			39.3	73.9	51.0		46	88.6	63.9			
21:00 to 22:00 Hr		34.8	62.1	40.7	52.5		82.3	65.4				
22:00 to 23:00 Hr		N	40.3	68.0	50.0	47.4	39.4	83.0	58.3	57.7	N	40
23:00 to 24:00 Hr			39.4	63.1	44.8		31.3	78.6	57.1			

Location : D IFFCO Paradeep	Zone		Pre- Deepawali (29.10.2021)				On the day of Deepawali (04.11.2021)				Standard	
Time duration	Industrial	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			36.5	77.4	60.2	60.6	46.6	91.3	66.6	66.3	D	50
19:00 to 20:00 Hr			50.9	83.6	64.6		53.9	81.0	66.8			
20:00 to 21:00 Hr			52.8	86.2	63.1		45.5	91.9	65.5			
21:00 to 22:00 Hr		33.8	71.4	54.6	48.2		93.8	66.1				
22:00 to 23:00 Hr		N	42.2	60.6	50.5	44.5	46.1	71.3	56.1	54.2	N	40
23:00 to 24:00 Hr			32.3	53.2	38.6		30.9	68.9	52.4			

# 11. PURI

## NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2021:

Location: A Kumutisahi, Old Sadarlane,Puri	Zone		Pre- Deepawali (29.10.2021)				On the day of Deepawali (04.11.2021)				Standard	
Time duration	Residential	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			55.1	77.9	62.3	63.6	58.4	69.8	66.4	70.1	D	55
19:00 to 20:00 Hr			35.5	89.9	68.0		62.9	73.2	67.8			
20:00 to 21:00 Hr			58.6	81.9	69.6		65.4	79.9	72.3			
21:00 to 22:00 Hr		46.1	74.2	54.5	66.1		80.4	74.1				
22:00 to 23:00 Hr		N	42.4	67.5	54.4	53.8	62.3	81.8	70.4	68.7	N	45
23:00 to 24:00 Hr			44.6	71.3	53.2		60.1	77.2	67.1			

## NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2020:

Location: B Sri Mandir,Puri	Zone		Pre- Deepawali (29.10.2021)				On the day of Deepawali (04.11.2021)				Standard	
Time duration	Commercial	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			60.8	100.9	78.2	69.5	50.1	74.3	69.9	74.5	D	65
19:00 to 20:00 Hr			58.4	84.1	70.0		58.7	80.9	71.3			
20:00 to 21:00 Hr			39.3	87.6	68.5		61.2	85.8	77.8			
21:00 to 22:00 Hr		45.5	72.3	61.4	66.0		89.2	79.1				
22:00 to 23:00 Hr		N	45.0	70.4	57.6	60.1	51.7	78.8	68.4	66.3	N	55
23:00 to 24:00 Hr			45.3	86.6	62.7		50.3	71.2	64.3			

Location: C District Head Quarter Hospital	Zone		Pre- Deepawali (29.10.2021)				On the day of Deepawali (04.11.2021)				Standard	
Time duration	Silence	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			37.0	88.4	63.4	59.9	39.9	69.3	62.8	67.8	D	50
19:00 to 20:00 Hr			36.2	77.9	60.4		49.2	70.9	68.3			
20:00 to 21:00 Hr			49.3	71.2	63.0		51.7	79.2	70.9			
21:00 to 22:00 Hr		46.2	68.6	53.0	50.0		73.3	69.4				
22:00 to 23:00 Hr		N	45.0	59.5	50.5	50.0	49.7	68.0	62.9	62.0	N	40
23:00 to 24:00 Hr			46.7	54.7	49.5		40.5	69.7	61.1			

## 12.RAYAGADA

### NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2021:

Location :A Indira Nagar	Zone		Pre- Deepawali (29.10.2021)				On the day of Deepawali (04.11.2021)				Standard	
Time duration	Residential	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			44.7	103.5	69.7	68.7	52.6	97.9	75.7	86.3	D	55
19:00 to 20:00 Hr			31.0	88.1	76.5		52.2	121.0	90.8			
20:00 to 21:00 Hr			48.5	78.6	71.9		54.1	132.2	98.4			
21:00 to 22:00 Hr		36.4	80.9	56.9	47.4		113.7	80.6				
22:00 to 23:00 Hr		N	37.6	75.3	55.3	53.8	39.9	82.2	60.6	57.8	N	45
23:00 to 24:00 Hr			22.8	66.9	52.4	37.1	74.4	55.1				

Location : B Main Market	Zone		Pre- Deepawali (29.10.2021)				On the day of Deepawali (04.11.2021)				Standard	
Time duration	Commercial	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			61.7	90.0	74.8	70.4	58.5	109.4	79.2	78.6	D	65
19:00 to 20:00 Hr			43.6	95.2	63.9		57.4	123.1	92.1			
20:00 to 21:00 Hr			40.3	91.0	74.5		43.4	105.5	75.2			
21:00 to 22:00 Hr		59.6	85.5	68.6	43.2		95.9	67.9				
22:00 to 23:00 Hr		N	30.7	87.0	59.9	55.2	26.4	86.2	69.6	70.6	N	55
23:00 to 24:00 Hr			45.5	79.8	50.6	26.3	88.5	71.7				

Location : C DHH Rayagada	Zone		Pre- Deepawali (29.10.2021)				On the day of Deepawali (04.11.2021)				Standard	
Time duration	Silence	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			50.4	82.8	65.7	65.2	45.9	101.5	71.9	71.1	D	50
19:00 to 20:00 Hr			49.2	82.9	64.7		51.3	95.2	74.0			
20:00 to 21:00 Hr			48.9	90.6	65.4		51.1	92.5	76.3			
21:00 to 22:00 Hr		47.5	83.6	65.3	45.3		87.6	62.4				
22:00 to 23:00 Hr		N	34.6	92.4	62.6	63.6	26.0	93.1	72.7	71.1	N	40
23:00 to 24:00 Hr			38.2	91.8	64.6	26.1	85.4	69.6				

Location : D Near JESCO	Zone		Pre- Deepawali (29.10.2021)				On the day of Deepawali (04.11.2021)				Standard	
Time duration	Indus trial	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			50.1	93.1	73.8	71.6	43.9	101.3	82.2	76.2	D	75
19:00 to 20:00 Hr			50.1	105.5	79.4		51.8	96.5	73.5			
20:00 to 21:00 Hr			37.7	94.9	66.8		49.0	105.8	78.1			
21:00 to 22:00 Hr		44.2	98.9	66.6	28.0		88.3	71.2				
22:00 to 23:00 Hr		N	26.7	81.5	58.4	58.8	28.0	90.8	72.6	72.9	N	70
23:00 to 24:00 Hr			38.1	81.4	59.2		37.8	99.3	73.3			

### 13.ROURKELA

#### NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2021:

Location :A Sector-06	Zone		Pre- Deepawali (29.10.2021)				On the day of Deepawali (04.11.2021)				Standard	
Time duration	Residential	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			54.7	79.8	64.2	66.9	46.7	100.7	73.0	74.2	D	55
19:00 to 20:00 Hr			68.4	80.3	74.8		47.4	98.0	69.4			
20:00 to 21:00 Hr			56.3	82.3	66.7		47.8	105.5	79.2			
21:00 to 22:00 Hr		54.7	74.3	61.9	47.4		103.6	75.3				
22:00 to 23:00 Hr		N	41.3	76.3	54.7	54.0	40.3	77.8	65.8	67.5	N	45
23:00 to 24:00 Hr			41.6	76.5	53.3		57.5	74.2	69.2			

Location : B Amabagaan	Zone		Pre- Deepawali (29.10.2021)				On the day of Deepawali (04.11.2021)				Standard	
Time duration	Commercial	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			53.5	83.0	65.2	65.6	62.2	84.7	72.0	71.1	D	65
19:00 to 20:00 Hr			55.7	80.0	64.9		61.7	88.3	71.3			
20:00 to 21:00 Hr			55.4	89.3	66.9		61.2	85.1	72.0			
21:00 to 22:00 Hr		55.5	81.1	65.7	61.8		79.5	69.4				
22:00 to 23:00 Hr		N	47.7	80.4	63.9	63.1	55.2	86.9	71.5	70.7	N	55
23:00 to 24:00 Hr			41.9	83.6	62.4		56.7	84.6	69.9			

Location : C IGH, Steel Township	Zone		Pre- Deepawali (29.10.2021)				On the day of Deepawali (04.11.2021)				Standard	
Time duration	Silence	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			42.5	70.2	53.4	53.3	44.3	79.9	57.2	57.6	D	50
19:00 to 20:00 Hr			41.6	72.7	49.6		44.1	87.5	59.3			
20:00 to 21:00 Hr			42.1	76.6	55.0		45.7	79.7	58.1			
21:00 to 22:00 Hr		41.9	72.0	55.5	45.7		79.2	56.1				
22:00 to 23:00 Hr		N	37.2	66.2	43.9	44.2	42.4	85.7	60.9	60.5	N	40
23:00 to 24:00 Hr			36.8	67.3	44.6		42.5	82.8	60.1			

Location : D Rourkela Steel Plant	Zone		Pre- Deepawali (29.10.2021)				On the day of Deepawali (04.11.2021)				Standard	
Time duration	Industrial	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			50.2	90.8	67.7	66.9	53.4	78.4	67.7	71.2	D	75
19:00 to 20:00 Hr			48.7	93.1	66.6		54.2	102.2	74.2			
20:00 to 21:00 Hr			49.7	85.9	66.7		43.6	82.9	71.2			
21:00 to 22:00 Hr		48.8	88.3	66.6	58.3		78.7	71.8				
22:00 to 23:00 Hr		N	42.4	86.6	64.2	62.8	57.3	74.2	69.2	68.2	N	70
23:00 to 24:00 Hr			42.1	87.8	61.5		36.7	77.2	67.3			

# 14.SAMBALPUR

## NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2021:

Location : A Ainthapalli	Zone		Pre- Deepawali (29.10.2021)				On the day of Deepawali (04.11.2021)				Standard	
Time duration	Residential	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			46.3	82.4	57.7	51.9	46.8	94.8	67.4	65.0	D	55
19:00 to 20:00 Hr			47.5	66.1	52.5		45.0	89.0	62.4			
20:00 to 21:00 Hr			44.0	64.3	48.5		45.5	95.2	66.2			
21:00 to 22:00 Hr		43.4	64.5	49.2	44.7		90.0	64.3				
22:00 to 23:00 Hr		N	42.9	71.1	49.5	47.5	41.3	92.0	62.3	59.5	N	45
23:00 to 24:00 Hr		41.6	59.7	45.6	39.3	85.5	56.8					

Location : B Goal Bazar Chowk	Zone		Pre- Deepawali (29.10.2021)				On the day of Deepawali (04.11.2021)				Standard	
Time duration	Commercial	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			64.3	97.2	75.2	75.1	59.5	99.8	76.1	78.8	D	65
19:00 to 20:00 Hr			65.2	100.0	83.7		59.0	100.9	78.3			
20:00 to 21:00 Hr			69.2	96.8	81.9		61.3	108.1	82.1			
21:00 to 22:00 Hr		41.3	79.1	59.6	48.3		104.8	78.9				
22:00 to 23:00 Hr		N	39.9	75.8	56.0	54.5	47.0	110.5	84.2	77.0	N	55
23:00 to 24:00 Hr		40.7	76.5	53.1	40.2	95.4	69.8					

Location : C Dist H.Q Hospital Modipara	Zone		Pre- Deepawali (29.10.2021)				On the day of Deepawali (04.11.2021)				Standard	
Time duration	Silence	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			38.3	77.9	54.4	48.1	43.0	82.9	56.4	66.5	D	50
19:00 to 20:00 Hr			40.5	64.8	46.6		46.4	97.0	69.8			
20:00 to 21:00 Hr			43.1	63.8	46.9		46.2	95.1	68.4			
21:00 to 22:00 Hr		37.1	69.7	44.7	42.3		98.3	71.5				
22:00 to 23:00 Hr		N	37.9	54.9	39.7	39.2	40.8	85.4	61.7	58.8	N	40
23:00 to 24:00 Hr		36.7	56.4	38.7	41.3	86.4	56.0					

Location : D Bareipali	Zone		Pre- Deepawali (29.10.2021)				On the day of Deepawali (04.11.2021)				Standard	
Time duration	Industrial	D	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	L <sub>min</sub>	L <sub>max</sub>	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			42.5	88.1	64.5	56.9	43.0	99.0	69.4	67.8	D	50
19:00 to 20:00 Hr			42.4	73.3	56.2		44.6	93.6	69.6			
20:00 to 21:00 Hr			37.1	74.9	51.9		48.4	95.3	69.6			
21:00 to 22:00 Hr		36.7	78.6	55.1	47.0		86.8	62.9				
22:00 to 23:00 Hr		N	36.7	72.6	50.5	48.6	38.5	71.6	53.8	55.4	N	40
23:00 to 24:00 Hr		36.4	65.6	46.8	38.2	85.9	57.0					

**N.B:-D-Day Time (6PM to 10PM), N-Night Time (10PM to 12.00AM) as per CPCB Noise monitoring Field Protocol**

**Noise level in dB(A) Leq at different location of Odisha in pre Deepawali & On the day of Deepawali during the year 2021**

Sl.No	Towns/Cities	Monitoring Locations	Pre- Deepawali (09.11.2020)		On the day of Deepawali (14.11.2020)	
			D	N	D	N
1	Angul	1.Amalapada(R)	65.5	61.6	72.7	66.9
		2.Bazar chhak(C)	68.8	51.2	75.6	66.1
		3.District Head Quarter Hospital(S)	61.9	44.8	64.8	62.8
		4.Hakimpada(I)	60.0	57.2	65.6	61.7
2	Balasore	5.Sahadevkhunta(R)	61.5	60.8	67.1	64.9
		6.Motiganj Bazar(C)	73.4	67.9	73.5	71.3
		7.District Head Quarter Hospital(S)	50.1	47.8	60.5	49.8
		8.Balasore Industrial Estate(I)	58.4	51.0	60.1	57.4
3	Berhampur	9.Brahmanagar(R)	69.0	53.1	75.7	63.9
		10.Girija market square(C)	76.8	58.2	77.2	61.6
		11.MKCG Medical & Hospital(S)	65.9	50.8	67.8	57.1
		12.Ankuli(I)	64.0	59.1	65.0	61.5
4	Bhubaneswar	13.Nayapalli(R)	58.7	43.9	63.0	52.1
		14.Sahidnagar(C)	70.0	56.5	74.3	66.0
		15.Capital Hospital(S)	49.6	33.5	68.3	46.5
		16.Rasulgarh(I)	71.1	55.9	73.0	57.7
5	Cuttack	17.Suryavihar(R)p	65.6	68.4	75.9	60.4
		18.Badambadi(C)	76.9	71.1	79.8	81.9
		19.SCB Medical College(S)	63.5	67.9	69.5	69.8
		20.Khapuria(I)	65.5	68.8	77.9	71.8
6	Jharsuguda	21.Cox colony(R)	56.7	47.7	76.6	76.7
		22.Jhanda Chowk(C)	73.7	67.6	75.5	73.4
		23.covid Hospital(S)	66.3	60.3	66.6	72.9
		24.Bombay Chowk(I)	68.8	59.8	71.8	69.6
7	Kalinganagar	25.Sapagadia(R)	66.6	65.0	74.4	72.0
		26.Gopabandhu Chowk(C)	71.0	64.1	73.6	69.8
		27.CHC Hospital(S)	62.4	65.1	69.7	66.2
		28.Kalinga nagar industrial estate (I)	67.3	65.0	70.5	69.0
8	Keonjhar	29.Baniapat Chowk(R)	65.1	53.8	74.9	60.8
		30.Punjabi Chowk(C)	66.4	60.3	73.3	65.9
		31.DHQ Hospital(S)	59.6	44.2	62.8	55.6
9	Konark	32.Madhipur(R)	55.0	45.5	60.0	52.5
		33.NAC Market(C)	61.4	53.5	71.3	57.4
		34.Public Health Centre(S)	54.2	45.0	59.9	48.7
10	Paradeep	35.Madhuban(R)	47.1	43.4	59.4	51.5
		36.Badapadia Market(C)	65.6	53.1	68.0	71.2
		37.Bijumemorial Hospital(S)	50.0	47.4	63.8	57.7
		38.IFFCO Ltd(I)	60.6	44.5	66.3	54.2
11	Puri	39.Kumutisahi, Old Sadar lane(R)	63.6	53.8	70.1	68.7
		40.Near Sri Mandir(C)	69.5	60.1	74.5	66.3
		41.District Head Quarter Hospital(S)	59.9	50.0	67.8	62.0
12	Rayagada	42.Indiranagar(R)	68.7	53.8	86.3	57.8
		43.Main market(C)	70.4	55.2	78.6	70.6
		44.District Head Quarter Hospital(S)	65.2	63.6	71.1	71.1
		45.Jesco(I)	71.6	58.8	76.2	72.9
13	Rourkela	46.Sector-6(R)	66.9	54.0	74.2	67.5
		47.Ambagaan(C)	65.6	63.1	71.1	70.7
		48.IGH steel Township(S)	53.3	44.2	57.6	60.5
		49.RSPL Sail(I)	66.9	62.8	71.2	68.2
14	Sambalpur	50.Ainthapali(R)	51.9	47.5	65.0	59.5
		51.Golebazar(C)	75.1	54.5	78.8	77.0
		52.District Head Quarter Hospital(S)	48.1	39.2	66.5	58.8
		53.Bareipali(I)	56.9	38.6	67.8	55.4

**Ambient Noise Standard( In Leq dB(A) )**

Category of area zone	Day Time	Night Time
Industrial area(I)	75	70
Commercial area(C)	65	55
Residential area(R)	55	45
Science area(S)	50	40

**N.B:-D-Day Time monitoring period (6PM to 10PM), N-Night Time monitoring period (10PM to 12.00 AM)**



**AMBIENT AIR QUALITY STATUS OF MAJOR CITIES/TOWNS IN PRE & ON THE DAY OF DEEPAWALI FESTIVAL, 2021**

Sl.no	Towns/cities	Monitoring Locations	Parameter Monitored							
			SO <sub>2</sub>		NO <sub>2</sub>		PM <sub>10</sub>		PM <sub>2.5</sub>	
			Values are expressed in microgram per cubic meter							
			PRE	DURING	PRE	DURING	PRE	DURING	PRE	DURING
1	Angul	1. RO, SPCB Office Building	8.4	14.1	24.8	33.3	77	156	35	74
		2. Nalco Township								
2	Balasore	3.Ganeswarpur	BDL	BDL	10.8	11.9	62	97	36	47
		4.Oriplast, OT Road	BDL	BDL	10.7	11.7	63	102	35	50
		5.Rasalpur Industrial Estate	7.2	7.9	11.2	11.6	65	99	39	51
3	Berhampur	6.Brahmanagar	7.2	25.5	28.4	60.5	65	147	21	54
4	Bhubaneswar	11.IRC Nayapalli	Not Monitored				64	192	Not Monitored	
		12.Capital Police Station	BDL	5.4	18.9	26.6	93	266	32	87
		13.Khandagiri Police Station	BDL	5.0	15.9	21.1	107	366	NM	NM
		14.Chandrasekharpur	BDL	4.9	15.6	24.5	83	269	29	90
		15.Palasuni water works	Not Monitored						62	107
5	Bonaigarh	16.Govt. Hospital Bonai	9.8	18.1	10.7	22.2	104	126	34	60
6	Cuttack	18. RO, SPCB Office Building Suryavihar	4.1	6.9	18.3	23.5	97	125	34	64
7	Jharsuguda	20. RO, SPCB Office Building, Cox Colony, Babubagicha	7.8	16.7	12.3	20.0	92	134	50	76
8	Kalinganagar	21. DET Hostel, M/S Tata steel	BDL	5.4	15.1	19.4	114	145	64	87
9	Keonjhar	23 RO, SPCB Office Building	BDL	BDL	14.8	17.8	104	136	NM	NM
10	Paradeep	25. STP Building, IFFCO,	13.2	24.4	10.3	17.4	93	117	NM	NM
		26. PPL Guest House,	14.2	27.6	11.1	18.3	97	142	NM	NM
		27. PPT Staff Quarters,	13.5	26.4	12.4	17.9	85	166	36	72
11	Puri	28.Town Police Station	BDL	4.8	12.8	20.0	67	160	NM	NM
12	Rayagada	29. RO, SPCB Office Building	4.8	9.3	16.4	20.5	66	107	24	71
		30.LPS High School	5.2	8.8	17.5	19.3	69	102	35	63
13	Rajgangpur	31.DISIR Rajgangpur	10.0	16.1	11.6	22.4	130	137	29	51
14	Rourkela	32. RO, SPCB Office Building	7.1	16.9	12.3	22.7	112	192	49	72
		33.IDL Police Outpost	7.3	19.1	12.1	23.0	81	113	47	58
		34.IDC Kalunga	10.1	17.4	11.9	23.2	98	107	49	47
15	Sambalpur	36.Modipara	7.8	15.0	25.7	40.0	114	183	49	89
16	Talcher	37.Talcher Thermal	10.2	15.6	28.3	32.8	75	195	32	87
		38 MCL area, Talcher	10.2	15.2	28.2	33.4	140	144	30	77
<b>Standard on 24hrly avg. Basis</b>			<b>80</b>		<b>80</b>		<b>100</b>		<b>60</b>	

N.B-BDL-Below Detection Limit, BDL value for SO<sub>2</sub> ≤4 µg/m<sup>3</sup>, NM-Not Monitored

**Continuous Ambient Air Monitoring Data from 28.10.2021-11.11.2021 of different towns/ cities On the eve of Deepawali, 2021.**

**1. Angul**

**2. Berhampur**

Sl.No.	Date of Monitoring	SO <sub>2</sub>	NO <sub>2</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>
		(values expressed in Microgram per cubic meter)			
1.	28.10.2021	10.3	22.7	93	39
2.	29.10.2021	8.4	24.8	77	35
3.	30.10.2021	10.6	28.1	98	42
4.	31.10.2021	9.2	26.7	86	38
5.	01.11.2021	10.4	28.2	109	49
6.	02.11.2021	10.4	27.1	91	41
7.	03.11.2021	10.2	29.2	111	46
8.	04.11.2021	14.1	33.3	156	74
9.	05.11.2021	11.2	29.4	110	48
10.	06.11.2021	9.8	28.6	103	45
11.	07.11.2021	10.6	26.4	99	43
12.	08.11.2021	11.0	27.4	101	47
13.	09.11.2021	12.2	26.0	108	51
14.	10.11.2021	10.7	23.5	102	46
15.	11.11.2021	8.7	22.0	81	36

Sl.No.	Date of Monitoring	SO <sub>2</sub>	NO <sub>2</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>
		(values expressed in Microgram per cubic meter)			
1.	28.10.2021	6.5	24.5	71	26
2.	29.10.2021	7.2	28.4	65	21
3.	30.10.2021	5.5	26.2	75	23
4.	31.10.2021	4.5	22.3	70	18
5.	01.11.2021	7.1	24.0	76	21
6.	02.11.2021	8.2	31.2	81	30
7.	03.11.2021	9.2	25.8	78	25
8.	04.11.2021	25.5	60.5	147	54
9.	05.11.2021	18.4	48.5	90	48
10.	06.11.2021	8.5	32.6	78	32
11.	07.11.2021	7.0	34.2	82	36
12.	08.11.2021	5.5	28.4	75	28
13.	09.11.2021	6.2	30.1	85	31
14.	10.11.2021	7.5	28.0	78	26
15.	11.11.2021	8.0	26.5	80	28

**3. Balasore**

Sl.No.	Date of Monitoring	SO <sub>2</sub>	NO <sub>2</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>
		(values expressed in Microgram per cubic meter)			
1.	28.10.2021	BDL	10.6	62.0	34.0
2.	29.10.2021	BDL	10.8	62.0	36.0
3.	30.10.2021	BDL	10.8	62.0	33.0
4.	31.10.2021	BDL	10.9	64.0	36.0
5.	01.11.2021	BDL	11.2	64.0	37.0
6.	02.11.2021	BDL	10.7	70.0	38.0
7.	03.11.2021	BDL	11.2	77.0	42.0
8.	04.11.2021	BDL	11.9	97.0	47.0
9.	05.11.2021	BDL	11.4	86.0	41.0
10.	06.11.2021	BDL	11.1	78.0	40.0
11.	07.11.2021	BDL	10.6	76.0	41.0
12.	08.11.2021	BDL	10.9	75.0	37.0
13.	09.11.2021	BDL	10.9	67.0	35.0
14.	10.11.2021	BDL	11.2	69.0	41.0
15.	11.11.2021	BDL	11.9	67.0	40.0

**N.B:-BDL- Below Detectable Limit, BDL Value for SO<sub>2</sub> ≤ 4 µg/m<sup>3</sup>**

## 4. Bhubaneswar

### (i) Capital Police Station

Sl.No	Date of Monitoring	SO <sub>2</sub>	NO <sub>2</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>
		(values expressed in Microgram per cubic meter)			
1.	28.10.2021	BDL	17.9	81	NM
2.	29.10.2021	BDL	18.9	93	32
3.	30.10.2021	BDL	19.5	121	41
4.	31.10.2021	BDL	17.6	113	37
5.	01.11.2021	BDL	18.5	134	44
6.	02.11.2021	BDL	19.0	117	36
7.	03.11.2021	BDL	21.3	113	35
8.	04.11.2021	5.4	26.6	266	87
9.	05.11.2021	BDL	19.5	96	34
10.	06.11.2021	BDL	18.9	132	44
11.	07.11.2021	BDL	20.4	147	38
12.	08.11.2021	BDL	18.3	136	54
13.	09.11.2021	BDL	15.9	141	45
14.	10.11.2021	BDL	17.3	161	44
15.	11.11.2021	BDL	15.6	78	30

### (ii) Central Laboratory

Sl.No.	Date of Monitoring	SO <sub>2</sub>	NO <sub>2</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>
		(values expressed in Microgram per cubic meter)			
1.	28.10.2021	BDL	15.4	77	30
2.	29.10.2021	BDL	15.6	83	29
3.	30.10.2021	BDL	15.5	85	27
4.	31.10.2021	BDL	14.4	92	29
5.	01.11.2021	BDL	16.3	91	26
6.	02.11.2021	BDL	17.7	95	28
7.	03.11.2021	BDL	19.9	98	31
8.	04.11.2021	4.9	24.5	269	90
9.	05.11.2021	BDL	18.8	95	29
10.	06.11.2021	BDL	18.4	104	32
11.	07.11.2021	BDL	19.4	110	34
12.	08.11.2021	BDL	18.9	113	35
13.	09.11.2021	BDL	18.9	117	38
14.	10.11.2021	BDL	19.3	119	37
15.	11.11.2021	BDL	17.6	121	39

### 5. Cuttack

Sl.No.	Date of Monitoring	SO <sub>2</sub>	NO <sub>2</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>
		(values expressed in Microgram per cubic meter)			
1.	28.10.2021	BDL	17.6	87	28
2.	29.10.2021	4.1	18.3	97	34
3.	30.10.2021	BDL	19.6	91	39
4.	31.10.2021	4.2	19	93	38
5.	01.11.2021	4.5	19.1	95	42
6.	02.11.2021	4.4	18.3	96	42
7.	03.11.2021	4.8	17.4	107	44
8.	04.11.2021	6.9	23.5	126	64
9.	05.11.2021	5.7	23.2	107	56
10.	06.11.2021	5.5	22	106	58
11.	07.11.2021	4.5	20.6	110	54
12.	08.11.2021	4.9	20.2	110	51
13.	09.11.2021	5.1	20.1	107	47
14.	10.11.2021	5.0	20.1	103	46
15.	11.11.2021	4.8	19.8	101	53

### 6. Jharsuguda city

Sl.No.	Date of Monitoring	SO <sub>2</sub>	NO <sub>2</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>
		(values expressed in Microgram per cubic meter)			
1.	28.10.2021	08.3	12.6	102.0	55.0
2.	29.10.2021	07.8	12.3	92.0	50.0
3.	30.10.2021	07.7	12.4	101.0	51.0
4.	31.10.2021	07.6	12.2	108.0	59.0
5.	01.11.2021	08.7	12.8	117.0	83.0
6.	02.11.2021	07.9	12.0	119.0	64.0
7.	03.11.2021	07.9	12.0	119.0	64.0
8.	04.11.2021	16.7	20.0	134.0	76.0
9.	05.11.2021	10.1	13.8	112.0	72.0
10.	06.11.2021	08.4	12.5	113.0	68.0
11.	07.11.2021	08.5	12.2	118.0	71.0
12.	08.11.2021	08.7	12.5	128.0	73.0
13.	09.11.2021	08.7	12.3	126.0	69.0
14.	10.11.2021	08.3	12.3	120.0	72.0
15.	11.11.2021	09.1	12.7	126.0	71.0

**N.B:-BDL- Below Detectable Limit, BDL Value for SO<sub>2</sub> ≤4 µg/m<sup>3</sup>**

## 7.Kalinganagar

Sl.No.	Date of Monitoring	SO <sub>2</sub>	NO <sub>2</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>
		(values expressed in Microgram per cubic meter)			
1.	28.10.2021	BDL	14.3	103	61
2.	29.10.2021	BDL	15.1	114	64
3.	30.10.2021	BDL	15.7	122	69
4.	31.10.2021	BDL	15.5	108	65
5.	01.11.2021	BDL	15.5	115	66
6.	02.11.2021	BDL	16.8	119	72
7.	03.11.2021	BDL	16.8	136	81
8.	04.11.2021	5.4	19.4	145	87
9.	05.11.2021	BDL	17.6	143	77
10.	06.11.2021	BDL	15.9	136	72
11.	07.11.2021	BDL	16.0	137	69
12.	08.11.2021	BDL	15.0	134	66
13.	09.11.2021	BDL	14.9	134	68
14.	10.11.2021	BDL	14.7	136	70
15.	11.11.2021	BDL	15.6	137	73

## 8.Keonjhar city

Sl. No.	Date of Monitoring	SO <sub>2</sub>	NO <sub>2</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>
		(values expressed in Microgram per cubic meter)			
1.	28.10.2021	BDL	14.03	91.3	N.M
2.	29.10.2021	BDL	14.80	103.6	N.M
3.	30.10.2021	BDL	13.76	101.8	N.M
4.	31.10.2021	BDL	12.93	98.8	N.M
5.	01.11.2021	BDL	13.62	84.0	N.M
6.	02.11.2021	BDL	12.73	94.1	N.M
7.	03.11.2021	BDL	18.02	117.7	N.M
8.	04.11.2021	BDL	17.87	135.5	N.M
9.	05.11.2021	BDL	13.31	131.6	N.M
10.	06.11.2021	BDL	11.63	115.7	N.M
11.	07.11.2021	BDL	13.21	116.8	N.M
12.	08.11.2021	BDL	12.46	113.4	N.M
13.	09.11.2021	BDL	12.12	125.4	N.M
14.	10.11.2021	BDL	10.84	127.4	N.M
15.	11.11.2021	BDL	11.70	105.7	N.M

## 9.Paradeep

Sl.No.	Date of Monitoring	SO <sub>2</sub>	NO <sub>2</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>
		(values expressed in Microgram per cubic meter)			
1.	28.10.2021	14.9	13	92	30
2.	29.10.2021	13.5	12.3	84	36
3.	30.10.2021	17.8	11.1	94	33
4.	31.10.2021	14.5	12.6	108	41
5.	01.11.2021	13.5	12.1	88	32
6.	02.11.2021	15.8	13.1	115	43
7.	03.11.2021	17.1	11.4	128	44
8.	04.11.2021	26.4	17.9	166	72
9.	05.11.2021	16.1	13.6	140	68
10.	06.11.2021	13.8	10.6	119	42
11.	07.11.2021	16.4	11.0	121	48
12.	08.11.2021	17.6	13.4	124	55
13.	09.11.2021	13.9	11.4	117	53
14.	10.11.2021	15.2	12.1	107	48
15.	11.11.2021	14.3	10.5	83	42

N.B:-BDL- Below Detectable Limit, BDL Value for SO<sub>2</sub> ≤4 µg/m<sup>3</sup>

### 10Puri

Sl.No.	Date of Monitoring	SO <sub>2</sub>	NO <sub>2</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>
		(values expressed in Microgram per cubic meter)			
1.	28.10.2021	BDL	14.9	62	NM
2.	29.10.2021	BDL	12.8	67	NM
3.	30.10.2021	BDL	13.8	73	NM
4.	31.10.2021	BDL	14.7	67	NM
5.	01.11.2021	BDL	14.2	70	NM
6.	02.11.2021	BDL	12.5	72	NM
7.	03.11.2021	BDL	14.6	77	NM
8.	04.11.2021	4.8	20.0	160	NM
9.	05.11.2021	BDL	16.0	111	NM
10.	06.11.2021	BDL	14.4	100	NM
11.	07.11.2021	BDL	14.2	78	NM
12.	08.11.2021	BDL	15.3	83	NM
13.	09.11.2021	BDL	16.4	83	NM
14.	10.11.2021	BDL	14.4	88	NM
15.	11.11.2021	BDL	16.1	92	NM

### 11Rayagada

Sl.No.	Date of Monitoring	SO <sub>2</sub>	NO <sub>2</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>
		(values expressed in Microgram per cubic meter)			
1.	28.10.2021	4.2	15.5	63	30
2.	29.10.2021	4.8	16.4	66	24
3.	30.10.2021	4.7	16.0	69	34
4.	31.10.2021	4.7	15.2	67	33
5.	01.11.2021	4.3	14.3	58	27
6.	02.11.2021	4.2	14.1	41	21
7.	03.11.2021	6.1	18.6	80	39
8.	04.11.2021	9.3	20.5	107	71
9.	05.11.2021	6.8	18.1	85	43
10.	06.11.2021	5.4	16.8	77	37
11.	07.11.2021	5.1	15.5	75	34
12.	08.11.2021	4.8	15.9	79	38
13.	09.11.2021	5.2	15.3	71	35
14.	10.11.2021	4.4	15.4	70	33
15.	11.11.2021	4.1	15.2	52	24

**N.B:-BDL- Below Detectable Limit, BDL Value for SO<sub>2</sub> ≤4 µg/m<sup>3</sup>**

## 12. Rourkela

Sl.No.	Date of Monitoring	SO <sub>2</sub>	NO <sub>2</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>
		(values expressed in Microgram per cubic meter)			
1.	28.10.2021	8.2	12.2	118	41
2.	29.10.2021	7.1	12.3	112	49
3.	30.10.2021	7.3	11.8	129	50
4.	31.10.2021	7.2	12.3	123	49
5.	01.11.2021	7.2	12.3	153	54
6.	02.11.2021	10.6	16.2	138	51
7.	03.11.2021	13.3	20.7	153	53
8.	04.11.2021	16.9	22.7	192	72
9.	05.11.2021	13.8	20.7	167	60
10.	06.11.2021	10.1	14.5	162	58
11.	07.11.2021	11.0	12.9	145	52
12.	08.11.2021	9.4	13.1	151	56
13.	09.11.2021	9.2	12.7	153	55
14.	10.11.2021	8.0	11.2	146	54
15.	11.11.2021	7.7	10.5	151	57

## 13.Sambalpur

Sl.No.	Date of Monitoring	SO <sub>2</sub>	NO <sub>2</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>
		(values expressed in Microgram per cubic meter)			
1.	28.10.2021	7.5	24.8	109	53
2.	29.10.2021	7.8	25.7	114	49
3.	30.10.2021	8.1	25.9	117	52
4.	31.10.2021	7.6	25.2	123	54
5.	01.11.2021	7.7	26.1	119	51
6.	02.11.2021	8.3	26.5	124	55
7.	03.11.2021	7.9	25.8	116	50
8.	04.11.2021	15.0	40.0	183	89
9.	05.11.2021	12.2	36.5	166	76
10.	06.11.2021	11.1	34.7	166	70
11.	07.11.2021	10.6	31.6	144	64
12.	08.11.2021	9.3	28.4	133	59
13.	09.11.2021	9.6	29.0	138	63
14.	10.11.2021	8.4	26.7	122	56
15.	11.11.2021	7.8	25.7	112	52

#### 14.Talcher

Sl.No.	Date of Monitoring	SO <sub>2</sub>	NO <sub>2</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>
		(values expressed in Microgram per cubic meter)			
1.	28.10.2021	10.7	27.5	91	41
2.	29.10.2021	10.2	28.3	75	32
3.	30.10.2021	12.0	28.7	91	37
4.	31.10.2021	10.2	29.5	91	33
5.	01.11.2021	10.5	27.8	98	39
6.	02.11.2021	11.2	29.3	108	48
7.	03.11.2021	12.0	29.4	119	51
8.	04.11.2021	15.6	32.8	195	87
9.	05.11.2021	11.5	29.3	132	52
10.	06.11.2021	9.5	29.0	124	38
11.	07.11.2021	10.8	28.0	119	53
12.	08.11.2021	11.3	27.0	121	40
13.	09.11.2021	11.2	29.3	135	57
14.	10.11.2021	10.0	31.7	114	33
15.	11.11.2021	10.8	29.9	114	49

**N.B:-Heavy metals of PM<sub>10</sub>& PM<sub>2.5</sub> filterpaper couldn't be analyzed due to problem in ICP- MS. The heavy metals will be analyzed after ICP-MS is ready & the data will be submitted to CPCB.**