

**GOVERNMENT OF ANDHRA PRADESH**

**Office of the  
COMMISSIONER OF TECHNICAL EDUCATION  
ANDHRA PRADESH :: VIJAYAWADA**

**Memo. No. H/5781/2019**

**Dated: 09.01.2020**

Sub: Technical Education - Academics - Hon'ble National Green Tribunal Order, Dated: 15.03.2019 in OA.No.681/2018 - control of noise pollutions in cities and towns of AP-Action plans communicated- implementation - requested - reg.

Ref: Lr.No.APPCB-12022/4/2018-SS-CL-APPCB-1701, Dt: 11.12.19 from the Member Secretary, Andhra Pradesh Pollution Control Board, Vijayawada, A.P.

\* \* \* \* \*

In the reference cited above, the member Secretary, Andhra Pradesh Pollution Control Board, Vijayawada, A.P has communicated the comprehensive action plans for control of noise pollution in Andhra Pradesh and requested for implementation in order to control noise pollution in cities and towns of Andhra Pradesh as per the Hon'ble National Green Tribunal order dated;15.03.2019 in OA.No.681/2018.

It is informed that the AP Pollution control Board, Vijayawada have discussed with concerned stakeholder departments during the AIR Quality monitoring committee (AQMC) meeting convened on 26.11.2019 in premises of AP Pollution control Board, Vijayawada and have prepared the detailed action plan for abatement of the noise pollution in cities and towns of Andhra Pradesh are shown in the enclosed annexure.

In this regard, the Principals of all Government/ Aided/ Private un-aided Polytechnics including 2<sup>nd</sup> shift Polytechnics in existing Engineering colleges/ D. Pharmacy Institutions under the Department of Technical Education is directed to implement the action plan prepared by the AP Pollution control Board, Vijayawada, AP for controlling of noise pollution in Andhra Pradesh, under intimation to this office.

**Encl:** as above

Sd/- V.S. DUTT  
JOINT DIRECTOR

To  
The Principals of all the Government/ Aided / Private unaided/ 2<sup>nd</sup> shift Polytechnics in Engg Colleges / D.Pharmacy Institutions.  
Copy to the Regional Joint Directors of Technical Education, Kakinada & Tirupathi for taking necessary action.  
Copy to the Secretary, SBTET, A.P., Vijayawada.

*Ramesh S* 09/01/2020  
FOR SPECIAL COMMISSIONER

*S*  
9.1.20





# ANDHRA PRADESH POLLUTION CONTROL BOARD

D.No 33-26-14/ D/2, Near Sunrise Hospital, Pushpa Hotel Center, Chalamalavari Street,  
Kasturibaipet, Vijayawada - 520 010.

Office : 0866-2463200

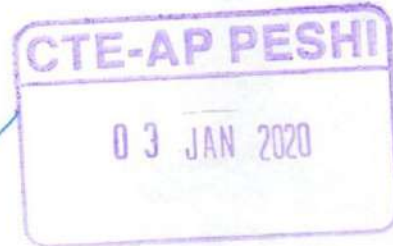
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Website : www.appcb.ap.nic.in

**Lr. No. APPCB-12022/4/2018-SS-CL-APPCB-1701**

**Date: 11.12.2019.**

To  
The Special Commissioner  
Technical Education,  
Survey No .77/5,  
ANR Towers,  
Prasadampadu,  
Jammichettu Road,  
Vijayawada Rural - 520008.



Sir,

**Sub:** APPCB – LAB – Hon'ble National Green Tribunal Order, dated 15.03.2019 in O. A. No. 681/2018 – Control of noise pollution in cities and towns of Andhra Pradesh – Action plans communicated – Implementation requested - Reg.

- Ref:**
1. Hon'ble National Green Tribunal Order, dated 15.03.2019 in O. A. No. 681/2018.
  2. The Noise Pollution (Regulation and Control) Rules, 2000.
  3. EFS&T Department, Govt. of AP, G.O.Ms No. 172, dated 12.10.2010.
  4. APPCB D. O. Lr. No. APPCB-12022/4/2018-SS-CL-APPCB-451, dated 25.06.2019.
  5. APPCB Lr. No. APPCB-12022/4/2018-SS-CL-APPCB-566, dated 15.07.2019.

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It is to inform that the Hon'ble National Green Tribunal Order, dated 15.03.2019 in O. A. No. 681/2018 has issued certain directions to the State Government to initiate steps to control noise pollution in the cities and towns of Andhra Pradesh, vide reference 1<sup>st</sup> cited above. The directions para-wise are:

**Para – 12:** Central Pollution Control Board (CPCB) to prepare noise pollution map and to identify hotspots and categorize the cities with specified hotspots and propose a remedial action plan and to submit such report within three months by e-mail at [ngt.filing@gmail.com](mailto:ngt.filing@gmail.com). CPCB may consider setting up of a mechanism for noise monitoring in the cities, which are found to be having noise level above the approved threshold.

**Para – 13:** Absence of effective implementation mechanism of rules & regulations, noise pollution affects the health of citizens, especially infants and senior citizens and also affects sleep, comfort, studies and other legitimate activities of public at large. To have effective monitoring mechanism, which is necessary to implement the provisions of the Noise Pollution (Regulation and Control) Rules, 2000 effectively, Hon'ble NGT has listed out the following steps to include in the action plans:

- a) Training of regulatory machinery and identifying and notifying accountable Officers and preparing action plan and monitoring mechanism.
- b) Awareness, particularly among students through Education Department and involvement of Resident Welfare Associations (RWAs), Social and Religious Institutions and Volunteers.
- c) Prosecution of violators, seizure of equipment and recovery of compensation from violators.

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- d) Requiring installation of noise measuring meters by those using equipment capable of producing noise higher than the prescribed limit.

**Para – 14:** The State Pollution Control Board may undertake noise level monitoring in conjunction with the Police Department and take remedial action. The Police Departments of all the States, UTs may obtain the noise monitoring devices within a period of three months and specification of such devices may be finalized in consultation with the respective PCBs. The Police Department of all the States / UTs may also train their staff regarding the use of such devices and develop a robust protocol for taking appropriate action against the defaulters.

The Chief Secretary of the State may finalize action plans in this regard within three months and submit the same to CPCB. The CPCB may give its report by July 15<sup>th</sup>, 2019.

**Para – 15:** CPCB may also lay down scale of compensation to be recovered including conditions on which equipment seized is to be released within one month.

**Para – 16:** Hon'ble NGT has communicated the copies of this Order to the Chief Secretaries of all the States / UTs and DGPs by e-mail.

In view of the Hon'ble NGT directions, Andhra Pradesh Pollution Control Board (APPCB) has addressed letters to all the concerned stakeholder departments of Andhra Pradesh to provide action plan points pertaining to their departments, vide reference 4<sup>th</sup> cited.

Further to inform that APPCB has prepared the action plan points concerned to all departments taking the provisions of the Noise Pollution (Regulation and Control) Rules, 2000 and the EFS&T Department, Govt. of AP, G.O.Ms No. 172, dated 12.10.2010 in to confidence and submitted to CPCB, Delhi on 15.07.2019, vide reference 5<sup>th</sup> cited.

These action plan points have been discussed with the concerned stakeholder departments in detail during the "Air Quality Monitoring Committee" (AQMC) meeting convened on 26.11.2019 in the premises of Head Office, APPCB, Vijayawada.

The action plan prepared for the towns and cities of the State of Andhra Pradesh to control noise pollution is herewith communicated for favour of information and implementation.

**Encls:** As above.

Yours Sincerely,

  
**MEMBER SECRETARY**

*Handwritten signature and date:*  
19.12.19



## COMPREHENSIVE ACTION PLAN FOR CONTROL OF NOISE POLLUTION IN ANDHRA PRADESH

### 1. Introduction:

In exercise of the powers conferred by clause (ii) of sub-section (2) of section (3), sub-section (1) and clause (b) of sub-section (2) of section (6) & section (25) of the Environment (Protection) Act, 1986 (29 of 1986) read with Rule 5 of the Environment (Protection) Rules, 1986 for the regulation and control of noise producing and generating sources. Accordingly, the Ministry of Environment & Forests and Climate Change, Govt. of India, New Delhi has issued notification with the title "The Noise Pollution (Regulation and Control) Rules, 2000" and these rules came into force from 14.02.2000.

### 2. Ambient Air Quality standards in respect of noise:

The ambient air quality standards in respect of noise for different areas / zones as specified in the "The Noise Pollution (Regulation and Control) Rules, 2000" are as follows:

Area Code	Category of Area / Zone	Limits in dB(A) Leq*	
		Day time	Night time
(A)	Industrial	75	70
(B)	Commercial	65	55
(C)	Residential	55	45
(D)	Sensitive	50	40

**Note:**

1. Day time shall mean from 06.00 am to 10.00 pm.
2. Night time shall mean from 10.00 pm to 06.00 am.
3. Silence zone is defined as an area comprising not less than 100 metres around hospitals, educational institutions and courts. The silence zones are zones which are declared as such by the competent authority.
4. Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority.
5. \*dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.

### 3. Identified sources of noise pollution:

- a) **Loudspeakers:** Indiscriminate use of loudspeakers during day and night times from the places of worship, public meetings, religious congregations, etc.
- b) **Beating of drums:** During religious precisions, festivals, at function halls, public meetings, etc.
- c) **Firing of crackers:** During festivals, religious & social functions, etc.
- d) **From Vehicles:** Retro fitting of silencers, horns and engines of various vehicles flying on the roads. Use of pressure and musical horns by various vehicles, especially buses operated by private individuals, trucks, lorries, auto rikshaws, two wheelers, etc.
- e) **Airports**



#### 4. Noise monitoring:

Andhra Pradesh Pollution Control Board is monitoring noise levels in the important million-plus cities like, Visakhapatnam & Vijayawada and at pilgrimage centre, Tirumala continuously on real-time basis using since six years from 2013. Noise data obtained at these stations is as follows:

Year	Tirumala (GNC building)		Vijayawada (All India Radio)		Visakhapatnam (AU, Siripuram)		Visakhapatnam (Zoo park)	
	Day	Night	Day	Night	Day	Night	Day	Night
2013	73	71	70	66	73	69	66	65
2014	73	71	70	65	74	68	67	65
2015	74	70	70	64	74	64	67	63
2016	71	67	70	65	75	67	60	58
2017	75	70	69	64	75	67	65	64
2018	76	72	70	65	74	67	68	67
<b>Ambient Air Quality standards in respect of noise</b>								
	Industrial Area		Commercial Area		Residential Area		Silence zone	
Day time	75		65		55		50	
Night time	70		55		45		40	
All values are expressed in dB (A) Leq.								
Day time means 06.00 AM to 10.00 PM.								
Nighttime means 10.00 PM to 06.00 AM.								

Andhra Pradesh Pollution Control Board has also carried out monitoring of ambient noise levels during Deepavali festivals on 07.11.2018 at 10 cities and towns of Andhra Pradesh as per the directions of Central Pollution Control Board and in compliance of Hon'ble Supreme Court directions in its judgment, dated 23.10.2018.

#### 5. Efforts of Government of Andhra Pradesh to control noise pollution in the State:

Environment, Forests, Science & Technology Dept., Govt. of Andhra Pradesh has issued G. O. Ms. No. 172, dated 12.10.2010 to control noise pollution in the State. The GO has prescribed the authorities for (i) Zoning of areas, (ii) Implementation of the rules, (iii) Penalties to be levied on the defaulters as detailed below:

- a) **Zoning of areas:** The director of town and country planning shall be the authority to identify and notify the broad boundaries of industrial areas, commercial areas, residential areas and silent zones as applicable in human habitations of the State. In the silent zones, sign boards shall be raised by the concerned municipalities accordingly.
- b) **Prescribed authority for implementation:** The Commissioner of Police in the Municipal Corporation area and the Superintendent of Police of districts within their jurisdiction to implement the ambient air quality standards and rules in respect of noise. These authorities shall have the powers to further sub-delegate the authority to facilitate effective implementation.



The Road Transport authority shall ensure that no vehicle shall receive fresh registration or renewal of registration or license for driving such vehicle unless the horn fitted in the vehicles meets the prescribed standard. The engine silencers are as per specified norms and good condition, and the overall condition of the vehicle body and suspension system is in good order, so as not to rattle and cause noise beyond permissible limits. The RTA shall also check that no multi-tone horns and accessories for audio alarms / indications producing noise beyond permissible limit, are in use. It is also to be ensured that audio systems within the vehicle operate at maximum - 75dB (A) at two meters distance from the vehicle.

- c) **Levy of penalties:** The penalties will be, in accordance with provisions laid down in Police Act, Cr.P.C. and motor vehicle Act, in addition to the provisions in Section (15) of the Environment (Protection) Act, 1986. Accordingly, for vehicular defaulters, the Section 190 (2) of Motor Vehicles Act, 1988 is used to find the first offence at Rs. 1,000/- and subsequent offences at Rs. 2,000/- per offence.

The other defaulters shall be fined Rs. 2,000/- in the first instance and Rs. 4,000/- per offence for the sub-sequent offences. Under the Section (15) of Environment (Protection) Act, 1986 a proven offender can be punished with imprisonment for a term which may extend to 5 years with fine, which may extend upto one lakh rupees or with both, and incase the contravention continues, with additional fine, which may extend to five thousand rupees for every day during which, such contravention continues after the conviction for the first such failure or contravention. Under the same Rules, if the failure or contravention continues beyond a period of one year and after the date of conviction, the offender shall be punishable with imprisonment for a term, which may extend to seven years.

- d) The local municipal and Gram Panchayat Authorities shall ensure to take necessary measures to cause wide publicity of the impacts of noise on health of human beings and penalty provisions of these Rules, through cinema exhibit slides, electronic media, etc.

Andhra Pradesh Pollution Control Board shall take legal action against cinema halls, who continuously exceed 85 dB (A) inside the theatres during the cinema shows.

In the case electrical generators used for domestic / industrial purposes, the owners shall be given directions by local Municipal Authorities that the exhausters of the generator set to be installed in sound proof enclosed room and the exhaust of the generator should be muffed, especially in the silent and residential zones.

Detailed action plan to control noise pollution in the State of Andhra Pradesh is annexed for favour of information and necessary action.

Yours sincerely,

  
MEMBER SECRETARY

15.07.19



## ANNEXURE

### Action plan for abatement of the noise pollution in cities & towns of Andhra Pradesh

S. No.	Action points	Time frame for implementation (short/mid/long term)	Responsible Department / agency	Financial Implications (If any)
1	<p>Implementation of noise Rules &amp; Regulations and prescribed authorities:</p> <p>G. O. Ms. No. 172, dated 12.10.2010 issued by the EFS &amp; T Dept., Govt. of Andhra Pradesh, and</p> <p>The Noise Pollution (Regulation and Control) Rules, 2000 &amp; Amendments thereof.</p>	Short & to continue as regular activity	Police, Transport, Urban and Rural Local Bodies and APPCB.	Nil
2	<p>Procurement of noise level monitoring devices.</p> <p>(CPCB &amp; APPCB will provide the technical specifications &amp; details of suppliers of devices to the other stakeholders)</p>	Short & medium	<p>Procurement of portable hand held devices in six months (short term) and real-time continuous online stationary devices in one year (medium term).</p> <p><b>Action:</b> Police, Transport, Urban Local Bodies and APPCB.</p>	Stakeholders have to work out the requirement & budget.
3	<p>Strengthening of Noise Monitoring Network with at least one real-time continuous online stationary device in all the district head quarters and important towns.</p> <p>Proposal will be submitted to CPCB for providing required funds for procurement &amp; installation of the devices in one year.</p>	Short, medium & long	<p>APPCB is operating real-time noise monitoring stations at Visakhapatnam (2 Nos.), Vijayawada and Tirumala with one each since 2013.</p> <p>Central Pollution Control Board has sanctioned four real-time noise monitoring stations each to Visakhapatnam and Vijayawada. APPCB has identified the locations and communicated to CPCB.</p>	APPCB will work out the requirement & budget.



S. No.	Action points	Time frame for implementation (short/mid/long term)	Responsible Department / agency	Financial Implications (If any)
4	Launch public awareness campaign for air pollution control, vehicle maintenance, minimizing use of personal vehicles, lane discipline, etc.	Short & to continue as regular activity	<p>Action: APPCB.</p> <p>a) Variable message boards are installed at strategic locations in the cities &amp; towns to promote awareness on the air and noise pollution among the general public.</p> <p>Action: Police, APPCB, ULBs, Transport Depts.</p> <p>b) Awareness programmes targeting certain groups / associations like, truck owners, auto rikshaw, private bus operators, Road Transport Corporations, etc. through seminars, workshops, etc.</p> <p>Action: Police, APPCB, ULBs, Transport Depts.</p> <p>c) Promoting public awareness through electronic media (television) messages &amp; to the mobile users by SMS messages.</p> <p>Action: Police, APPCB, ULBs, Transport Depts.</p> <p>d) Awareness programs are to the drivers of various kinds of vehicles on</p>	As a part of the departmental activity & to meet from the budget of the respective departments



S. No.	Action points	Time frame for implementation (short/mid/long term)	Responsible Department / agency	Financial Implications (If any)
			<p>prevention of noise pollution through not using retro fitted silencers, horns (musical, pressure &amp; multi-tone, etc.) and engines during the issue of licences &amp; issue of fitness certificates by the Transport Dept.</p> <p><b>Action:</b> Transport Dept.</p> <p>e) Awareness programmes on noise pollution targeting all the religious groups / associations through organising seminars, workshops, etc.</p> <p><b>Action:</b> Police, APPCB, ULBs.</p> <p>f) Awareness on noise pollution to the student community through organising seminars, workshops, etc.</p> <p><b>Action:</b> Education Dept.</p>	
5	Launch extensive drive against vehicles using multi & musical horns with high sound producing and horns other than recommended by the regulatory authorities for ensuring strict compliance	Short & to continue as regular activity	Transport & Police (Traffic) as per the provisions of Motor Vehicles Act, 1988, Police Act Cr. P. C. and EFS & T G. O. Ms. No. 172, dated 12.10.2010.	As a part of the department activity
6	Launch extensive drive against manufacturers & dealers unauthorisedly manufacturing & selling the horn devices producing high sound and non-complying with authority prescribed norms.	Short & to continue as regular activity	Transport as per the Sections 119 & 120 of the Motor Vehicles Act, 1988.	As a part of the department activity



S. No.	Action points	Time frame for implementation (short/mid/long term)	Responsible Department / agency	Financial Implications (If any)
7	Reduction of community traffic noise by developing green corridors along the roads:  Development of the green corridors (Avenue Plantations, Central Medians, Institutions, Open Spaces, Lakes, Green Ways, Green Curtains) which will act as absorbing surfaces and assist in mitigating the noise pollution.	Long (continue as regular activity)	Urban Local Bodies & Forest Department	As a part of the department activity
8	Verifying the compliance of noise limits for automobiles (free field) at one meter in dB (A) at the manufacturing stage.  [S. No. 46 of Schedule-I of the Environment (Protection) Rules, 1986]	Short & to continue as regular activity	<b>Action:</b> Transport	As a part of the department activity
9	Air Port noise pollution control:  Enforcement of MoEF & CC, Govt. of India Notification, dated 18.06.2018 on air quality standards with respect to noise in airport noise zone.	Short & to continue as regular activity	APPCB has addressed letters to all the airports in Andhra Pradesh to comply with the provisions of the Notification.  <b>Action:</b> APPCB & Airport Authorities.	As a part of the department activity
10	Diesel Generator sets	Short & to continue as regular activity	Compliance verification of regulatory standards stipulated.  <b>Action:</b> ULBs & APPCB.	As a part of the department activity
11	Fire crackers	Short & to continue as regular activity	PESO is the authority for ensuring the implementation of the standards at the manufacturing stage.  APPCB to continue to monitor the ambient air quality including noise levels during Deepavali festival.	As a part of the department activity



S. No.	Action points	Time frame for implementation (short/mid/long term)	Responsible Department / agency	Financial Implications (If any)
12	Industrial noise pollution control.	Short & to continue as regular activity	APPCB is stipulating the noise standards while issue of the CTE & CFO and the compliance verification is being carried out.  <b>Action:</b> APPCB & Industries Dept.	As a part of the department activity
13	Strengthening of the monitoring activity of the noise	Short & to continue as regular activity	APPCB	As a part of the department activity
	a) Cinema Theatres (monitoring of noise levels for compliance of standards stipulated).		Police Dept.	
	b) Verify the noise levels at the public address systems.		APPCB (through website, electronic display boards and addressing letters to stakeholders).	
	c) Dissemination of the noise quality data for the benefit of general public and other stake holders for taking necessary action.		Transport Dept.	
	d) Retro-fitting of silencers, horns and engines of vehicles.		Urban Local Bodies	
	e) To monitor the noise levels at construction sites and domestic appliances.			
	[S. No. 47 of Schedule-I of the Environment (Protection) Rules, 1986]			
	f) Set-up and publicize public grievance helpline for addressing the complaints of noise pollution.	Police, Transport, Urban Local Bodies & APPCB.		