



ABSTRACT

Environment, Climate Change and Forest Department - Announcement for the year 2025-2026 - "Remote monitoring of emission from on-road vehicles"- Administrative Sanction Accorded - Orders - Issued.

ENVIRONMENT, CLIMATE CHANGE AND FOREST (EC.4) DEPARTMENT

G.O.(D).No.122

Dated:29.05.2025

விசுவாசு, வைகாசி - 15

திருவள்ளூர் ஆண்டு -2056

Read:

From the Chairperson, Tamil Nadu Pollution Control Board, letter No. TNPCB / DD (Labs) / 009316 / 2025, dated. 06.05.2025

ORDER:

The Hon'ble Minister (Finance and Environment, Climate Change) has announced during the Tamil Nadu Legislative Assembly Budget session for the year 2025-2026 for "**Remote monitoring of emission from on-road vehicles**" is as follows:-

சாலைவழி வாகனங்களின் உமிழ்வு வெளியீட்டை தொலைவிலிருந்து கண்காணிக்கும் திட்டம்.

சாலைகளில் இயங்கும் மோட்டார் வாகனங்கள், காற்று மாசுபாடு மற்றும் பசுமை குடில் வாயுக்கள் உமிழ்விற்கான முக்கிய காரணிகளில் ஒன்றாகும். இது, காற்றின் தரத்தையும் மனிதர்களின் ஆரோக்கியத்தையும் பெரிதும் பாதிக்கிறது. குறிப்பாக சுங்கச் சாவடிகளில், போக்குவரத்து நெரிசல், இடைநிறுத்தம் மற்றும் வேக மாறுபாடுகள் காரணமாக அதிக அளவிலான மாசுபாட்டை ஏற்படுத்துகின்றன.

சாலைவழி வாகனங்களின் உமிழ்வை மேம்பட்ட முறையில் கண்காணிக்கவும், உமிழ்வு போக்கு குறித்து தெளிவான புரிதலை உருவாக்கவும், 2025-26ம் ஆண்டில் தமிழ்நாடு மாசு கட்டுப்பாடு வாரியம் தேர்ந்தெடுக்கப்பட்ட சுங்கச் சாவடிகளில் முன்னோட்ட அடிப்படையில் வாகன உமிழ்வைத் தொலைவிலிருந்து கண்காணிக்கும் முறையை ரூ.15.00 இலட்சம் செலவில் தமிழ்நாடு மாசு கட்டுப்பாடு வாரிய நிதியிலிருந்து செயல்படுத்த முன்மொழிகிறது.

(PTO)

2. Based on the above announcement, the Chairperson, Tamil Nadu Pollution Control Board in her letter read above has stated that the Motor vehicles operating on road are one of the major contributors to air pollution and green house gas emissions. This greatly affects air quality and human health, especially at toll plaza, traffic jams stoppages and speed variation causes air pollution. In general, Pollution under Control (PUC) testing centers are operated by private agencies authorized by the Transport department to monitor the vehicular emissions for issuing PUC certificate, which is a mandatory document for all vehicle owners as per the Central Motor Vehicles Act, 1988. She has further stated that the Pollution under Control (PUC) checks of exhaust emissions from vehicles assess compliance with limits imposed on idling emissions. However, it is important to understand that the remote sensing programme will screen vehicles on the road with more dynamic driving conditions to identify gross or very high emitters. The remote sensing device will screen vehicles on road in dynamic driving conditions to identify gross or very high emitters. The sensor shall monitor pollutants like Carbon monoxide (CO), Carbon dioxide (CO₂), Hydrocarbons (HC), Nitrogen oxide (NO), Nitrogen dioxide (NO₂), Ammonia (NH₃) and Particulate Matter (PM). Based on the RSD monitoring the law enforcement agency State Transport Department shall take necessary action on the highly polluting vehicles as per the Central Motor Vehicle Act, 1988.

3. The Chairperson Tamil Nadu Pollution Control Board has further stated that in order to monitor road vehicle emissions and create a clear understanding of emission trends, the Tamil Nadu Pollution Control Board shall carry out the "Remote monitoring of emission from on road vehicles" by installing Remote Sensing Device at a selected toll plaza in and around Chennai City during 2025-26 at a cost of Rs. 15.00 Lakh from the Board's fund. Therefore she has requested to accord administrative sanction and issue of necessary orders on the proposal of **"Remote monitoring of emission from on-road vehicles"** at an Estimated cost of Rs.15.00 Lakh which is to be met out from the Tamil Nadu Pollution Control Board fund.

4. After careful examination, of the proposal of the Chairperson, Tamil Nadu Pollution Control Board, the Government accord Administrative Sanction to implement the announcement on **"Remote monitoring of emission from on-road vehicles"** by installing Remote Sensing Device at a selected toll plaza in and around Chennai City during 2025-2026 on pilot basis at a cost of Rs.15.00 lakhs (Rupees Fifteen lakhs only) to be met out from the source of Tamil Nadu Pollution Control Board's fund.

(BY ORDER OF THE GOVERNOR)

SUPRIYA SAHU
ADDITIONAL CHIEF SECRETARY TO GOVERNMENT

To

The Chairperson,
Tamil Nadu Pollution Control Board,
Chennai-32.

Copy to:

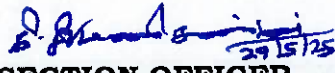
The Special Personal Assistant to Hon'ble Minister (Finance and E&CC),
Chennai-9.

The Private Secretary to Additional Chief Secretary to Government,
Environment, Climate Change and Forest Department, Chennai-9
Environment, Climate Change & Forest (EC-1) Department, Chennai-9.

The Transport Department, Secretariat Chennai-9.

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//FORWARDED BY ORDER//


29/5/25
SECTION OFFICER



