

## Inspection Maintenance Station (IMS)

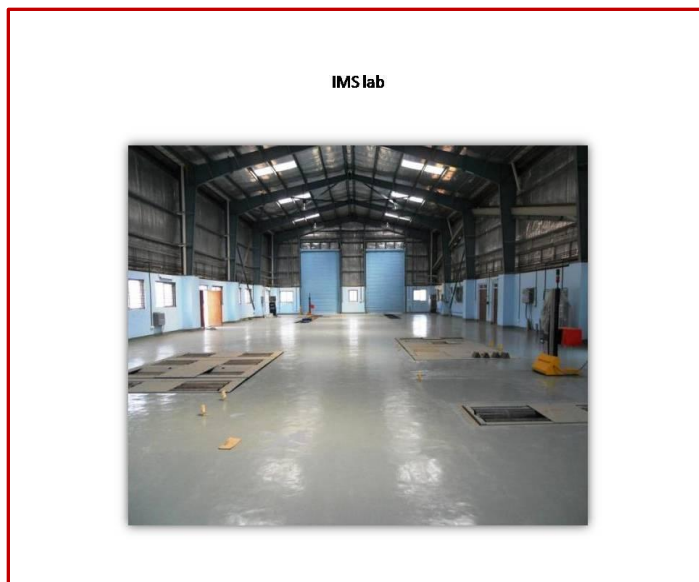
NATRIP has established Inspection and Maintenance Station (IMS) under NIAIMT for the inspection of used vehicles including buses and trucks. The station has two inspection lanes the fixed and mobile and equipped with instruments which are needed to check heavy duty vehicles. The station has following capabilities and features:



1. NIAIMT's IMS is an authorized center for Vehicle fitness test of in-use vehicle.
2. IMS has automated inspection lanes for testing vehicles using latest technologies. Minimum human intervention is involved in the testing process thus making the test more authentic.
3. Range of vehicle can be tested includes two wheelers, Three wheelers, LMV, MMV, Bus, Truck, tripper including multi-axle vehicles.

## Infrastructure and Facilities:

The IM Station has following features and facilities to provide fitness certificate for inspected vehicle.



1. NIAIMT's has one IMS workshop and one associate office building for IMS.
2. There are two **Automated Fix lanes** for vehicle testing in the workshop- one is for Light Motor Vehicles (LMV) and the other is for Heavy Commercial Vehicles (HCV). Briefly they can be described as under:
  - a. Light duty 'Fixed' Inspection Lane: One.
  - b. Heavy Duty 'Fixed' Inspection lanes: One
- c. Mobile Inspection Lanes: Two
- d. IMS facilitates fitness test for Bus, Truck, Passenger cars, three wheelers, two wheelers including Multi-axle vehicles.

3. ***Mobile inspection lane*** is a unique feature of IMS section of NIAIMT. The whole inspection lane is equipped in one single unit. The unit can be moved to any place by a truck and does not require any extra effort for loading and unloading.
4. A single mobile unit is capable of testing a range of vehicles including car, UV, bus, multi-axle-truck etc. It can test vehicles at the spot which is a unique feature.
5. The tests for each vehicle include Gas analyzing / Opacity Test, Headlight Test, Brake Test, Speedometer Test, Sound/ noise test, Suspension test, Joint Play Test, Pit Visual test.
6. The report is auto /computer generated at the end of all tests