



ANDHRA PRADESH STATE ROAD TRANSPORT CORPORATION
MECHANICAL ENGINEERING DEPARTMENT: BUS BHAVAN
HYDERABAD -500 624.

NO: TL10/705(1)/AME(D)/2013-MED

Circular No: 08 /2013 –MED. Dt.24.04.2013

Sub: Seat belts: Provision of seat belts – Issue of instructions – Reg.

Corporation is having a fleet of 22450 buses and is operating 82.0 Lakh Kms per day. Well trained, experienced and committed drivers community is the main force behind this huge performance whose life is much valuable not only to their families but also to the corporation. Being seated at the front of the vehicle he is the first person to be effected in case of any accident. When a vehicle comes to abrupt halt either by application of sudden break or by ramming into other vehicle, the passengers who are at the same speed will be ejected from their seats and bump into opposite objects due to inertial forces. In such serious conditions whereas most of the passengers can protect themselves by holding the seats in front of the seats. Driver and conductor/passengers sitting in front most row will not have any grip and hence will have effect of abrupt halting. Further, while negotiating steep curves, there is a possibility of ejection of the driver/passenger from the seat due to centrifugal force, due to which driver may loose control on the vehicle.

A seat belt, also known as safety belt, is a vehicle safety device designed to secure the occupant of the vehicle against harmful movement that may result during a collision or a sudden stop. A seat belt functions to reduce the likelihood of death or serious injury in a traffic collision by reducing the force of secondary impacts with interior strike hazards, by keeping occupants

positioned correctly and by preventing occupants being ejected from the vehicle in a crash.

According to Central Motor Vehicle Rule No: 125(1) it is mandatory to provide seat belts to driver and the person occupying the front row. As per bus body code the seat belt assemblies and the anchorages shall confirmed to AIS:005 and AIS:015.

Bus body Specifications-2012 specifies the usage of three point safety belts for driver seat and passenger/conductor occupying the front seat. A three point belt is a Y-shaped arrangement spreads out the energy of the moving body over the chest, pelvis and shoulder.

The approved makes of belts are AUTOLIV and RANE. The seat belt shall run on the shoulder and lap of the driver/conductor/passenger.

The correct fitment and wearing of the seat belts is illustrated below.

PHOTO – I



SEAT BELT ANCHORING
FOR DRIVER SEAT

PHOTO - II



DRIVER WEARING SEAT BELT

PHOTO – III



SEAT BELT ANCHORING
FOR CONDUCTOR/PASSENGER
SEAT

PHOTO - IV



CONDUCTOR / PASSENGER
WEARING SEAT BELT

During the training programme conducted recently in the regions on bus body maintenance and upkeep by CME(C&B) section it was found that in many buses the seat belts were either removed or not in working condition.

Hence all the Depot Managers and Maintenance Incharges are advised to ensure the fitment of three point seat belts for the driver seat and conductor/passenger seat located in the front to ensure safety for driver, passenger/conductor during collision on sudden stop of the bus.

All the safety driving instructors of the regions/zones are advised to ensure wearing of the seat belts by the drivers for their safety as well as safety of the corporation's property.

RM's , Dy.CME's of the regions shall ensure the fitment and working condition of the seat belts during their inspection. COSs of the zones shall initiate procurement action duly getting their zonal requirement of seat belts in coordination with the DyCMEs.

Please acknowledge .



VICE CHAIRMAN & MANAGING DIRECTOR.

Copy to: Dir.(V&S) for information
Copy to: All Executive Directors for information
Copy to: All HODs and Regional Managers for information
Copy to: All Dy.CMEs/WMs/COSs/Dy.CAOs for information
Copy to: Principal, TA/HPT & ZSTCs
Copy to: PO (Training)-10 copies
Copy to: All Depot Managers / Accounts Officers for necessary action.
Copy to: All Maintenance In charges necessary action.