

ANDHRA PRADESH STATE ROAD TRANSPORT CORPORATION

No. TR1/815(11)/2005-MED

Office of the VC&MD,
Mushirabad, HYD-20.
dt: February 4, 2006.

CIRCULAR No. 3/2006-MED, dtd: 4-02-2006.

SUB: -**TYRES** – Use of Radial Tyres on all special type Vehicles – Extending use of Radial Tyres on Ordinary Vehicles operating on plain routes for assessing the **improvement in HSD kmpl** – Instructions issued – Reg.

REF: - 1) Circular No. 2/2002-MED, dtd: 13.2.02
2) Circular No. 17/2002-MED, dtd: 8.11.02
3) Circular No. 30/2003-MED, dtd: 26.8.03
4) Circular No. 11/2005-MED, dtd: 26.9.05

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Through the circular third cited instructions were issued to fit Radial Tyres on all special type Vehicles of the Corporation in view of the advantages in saving on fuel. With the recent price hike of Tyres and retreading materials, the Radial Tyres are proving to be more economical than Nylon Tyres (bias ply) due to higher overall mileage. Provisioning Committee has observed that the extra life obtained by the Radial Tyres is on the Special type Vehicles operated on good roads and with better mechanical condition. In order to compare the performance of Radials on Ordinary routes vis-a-vis Special type Vehicles it was decided to fit Radials Tyres on Ordinary Vehicles also. 3000 additional Radial tyres are being procured to fit on to some of the Ordinary Vehicles, besides the special type Vehicles.

Ten Vehicles in **one of the Depots from each zone** are to be fitted with Radials for conducting the experiment and **assess the improvement in HSD KMPL**, which is a major deciding factor in cost benefit analysis. The following Depots have been selected for the experimental study.

S.No.	Depot	Zone
1	Yadagirigutta	HYD
2	Karimnagar-I	KRMR
3	Chittoor-II	NLR
4	Gooty	KDP
5	Srikakulam-I	VZM
6	Machilipatnam	VJA

The guidelines communicated through the circular second cited for conducting trial on special type Vehicles to assess HSD kmpl performance may be followed at these selected Depots also. However, the following instructions are once against re-iterated for strict compliance.

1. The Depot Managers concerned are advised to select 10 Ordinary Vehicles in a single route and ensure fitment of Radial Tyres in **all positions** on first batch of 5 Vehicles among the above. The second batch of 5 vehicles are to be fitted with Nylon Tyres for comparative study. Every month these tyres are to be interchanged to assess the performance accurately.
2. The required number of New & RC Radial Tyres have to be drawn from the concerned Zonal Stores.

B) Details of breakdowns due to tyre punctures

S No.	Vehicle No.	No. of Tyre punctures with				Remarks
		Radials		Nylon		
		(a)	(b)	(a)	(b)	
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

a = for the month
b= upto the month

