



ANDHRA PRADESH STATE ROAD TRANSPORT CORPORATION

No. TR1/815(47)/2008-MED

O/o The VC&MD,
Hyderabad-624.

Circular No. 03/2009-MED , dt.21 .02.2009.

SUB : TYRES - Utilisation of Radial Tyres - Review of inflation pressures - Reg.

REF : 1) Circular No.08/2008-MED, dt.04.06.2008.
2) Circular No.20/2008-MED, dt.15.09.2008.

Vide reference 1st cited comprehensive guidelines were communicated on extracting maximum benefit on utilizing the Radial tyres.

Vide reference 2nd cited, special award scheme sponsored by M/s JK Tyres was communicated for the Depots of HYD-I, PKT, ALPR, TML, KDP, AKP, ARMR and VMDA where the entire fleet was radialized. Basically the tyre care practices were taken into consideration for evaluating the Depot performance for the purpose of awarding. In case of Inflation parameter for 9.00R20 Radials, increased inflations of 115 psi (Front) and 105(Rear) psi against 105 psi and 100 psi for LPO55/VIKING vehicles, 105 psi (Front) and 100 psi (Rear) against 90 psi and 80 psi for LP52 vehicles respectively were stipulated. This was done keeping in view the recurrence of circumferential cracks near bead inspite of strengthening of Tyre casing as confirmed by the manufacturer.

The subject was discussed in depth during the recently concluded Dy.CMEs, WMs and AMEs(T) meeting held at Head Office on 24th & 25th October, 2008. The Dy.CMEs under whose jurisdiction the eight Depots come under, have unanimously opted for the increased inflation pressures. It is stated that the cracks near bead have come down. Further the issue of early failures in case of RC Tubeless Tyres was also reviewed in the same meeting.

Accordingly need is felt to review the present inflations in Radial Tyres. Increased passenger load factors in the recent past coupled with increased vehicle weights also warrant such review to ensure comensurating inflations, in turn to extract maximum life out of Radial Tyres.

Therefore the issues pertaining to inflations in case of different Radial tyres which include **10.00 R 20** Radials on Meghdoot Vehicles, **295/80 R 22.5 Tubeless Tyres** on VOLVO vehicles and the requirements on **CNG vehicles** have been reviewed and the following inflations are recommended for further implementation at all the Depots.

Vehicle Type	Tyre Size	Front Psi - kg/cm ²	Rear Psi - kg/cm ²
LPO 55 / VIKING	9.00 R 20 - 14 PR	115 (8.10)	100 (7.00)
LP 52	9.00 R 20 - 14 PR	105 (7.40)	100 (7.00)
Meghdoot Non-A/C	10.00 R 20 - 16 PR	120 (8.45)	105 (7.40)
Meghdoot A/C	10.00 R 20 - 16 PR	120 (8.45)	110 (7.75)
VOLVO	295/80 R 22.5	115 (8.10)	120 (8.45)
CNG Bus	10.00 R 20 - 16 PR	115 (8.10)	80 (5.65)

The above inflations shall be implemented with immediate effect surpassing all the instructions given earlier on inflations in Radial Tyres.

Please acknowledge the receipt of this circular.

Vice Chairman & Managing Director

To
All Depot Managers

Copy to : DIR(V) for information.

Copy to : ED(E&IT) for information and necessary action.

Copy to : ED(AM&HCZ), ED(HYD), ED(KRMR), ED(V&V), ED(K&N) for information and necessary action.

Copy to : CME(O), CME(C&B), CE(IT), CA for information and necessary action.

Copy to : All Regional Managers for information and necessary action.

Copy to : Dy.CME(P), Dy.CME(C&B), Dy.CME(O) for necessary action.

Copy to : All Works Managers, All Dy.CMEs, DVMs of HCZ for necessary action.

Copy to : AMEs(T) for necessary action.

Copy to : All Garage in-charges for necessary action.

Copy to : Notice Board of all Depot Garages.