



ANDHRA PRADESH STATE ROAD TRANSPORT CORPORATION

No. TR1/815(8)/2018-MED

O/o The VC&MD,
RTC House, VJA-13

Circular No. 11/2018 , dt.06 .06.2018.

SUB :- **TYRES** - Review of inflation pressures for Tyres of different sizes on different Types of buses - Reg.

REF : Circular No.3/2009-MED, dt.21.02.2009.

Vide reference circular cited, the inflation pressures for radial tyres fitted on different Vehicles were communicated during the year 2009. Subsequently, new types of buses were also introduced in the corporation in the preceding 9 years depending upon the need/demand from the public. The list of different products being operated in the Corporation at present are enlisted hereunder.

PRODUCT	MAKE	TYRE SIZE
Vennela	SML ISUZU	295/80R 22.5
Amaravathi	SCANNIA, VOLVO	295/80R 22.5
Garuda Plus	VOLVO, M.BENZ	295/80R 22.5
Garuda	VOLVO, SML ISUZU,CARONA	295/80R 22.5
METRO LUXURY	VOLVO	295/80R 22.5
M/Deluxe -LF Non AC (HSD)	TATA - Marcoplolo	295/80R 22.5
SLF METRO EXPRESS (Jan 1 & 2)	TATA, LEYLAND	295/80R 22.5
M/Deluxe - Low Floor (CNG)	TATA	295/80R 22.5
SLF M. EXP(CNG)/CITY ORD(CNG)	LEYLAND	295/80R22.5 & 10.00R20
Indra (AL)	ASHOK LEYLAND	10.00R20
Super Luxury	TATA/LEYLAND/EICHER	10.00R20
Ultra Deluxe	TATA/LEYLAND/EICHER	10.00R20
Express	TATA/LEYLAND/EICHER	10.00R20
SAPTAGIRI EXPRESS	TATA/LEYLAND	10.00R20
PALLEVELUGU	TATA/EICHER/AL	9.00R20/10.00R20
City Ordinary	TATA/AL	9.00R20/10.00R20
City Sub-urban	TATA	9.00R20/10.00R20
JnNURM MIDI	SML	225/75R 17.5

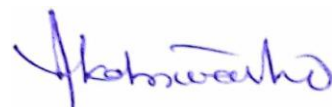
The Corporation has standardized fitment of only Radial Tyres in all positions on all types of buses. During the preceding 3 years fitment of 10.00R20 Tyres has been standardized upto Indra category as given in the above table duly phasing out the 9.00R20 Tyres. The dimensions of 10.00R20 are totally different from that of 9.00R20 Tyres. Since, the crown width is more in case of 10.00R20 the achievable life will be 30% more compared to 9.00R20 Tyres. But this benefit can be derived only by ensuring

proper inflation pressures and by implementing the proper Tyre maintenance practices. Moreover, the weights of the bus bodies built on different chassis (TATA, AL, EICHER, ISUZU, CARONA, SML, SCANNIA) have been varying .Thus, inflation pressures also vary even though the same size Tyres are used.

The weighing patterns on different buses were studied in detail and then following inflation pressures are recommended for different Types of buses for immediate implementation at all the depots:

NAME OF MANUFACTURE	TYPE OF BUS	RECOMMENDED INFLATION PRESSURES							
		9.00R20		10.00R20		295/80R22.5		225/75R 17.5	
		FRONT	REAR	FRONT	REAR	FRONT	REAR	FRONT	REAR
SCANNIA, VOLVO, ISUZU, CARONA, M.BENZ, TATA, AL	VENNELA, AMARAVATHI, GARUDA PLUS, GARUDA, METRO LUXURY, M.Deluxe -LF Non AC (HSD), SLF M.EXP (Jan1 & 2), M.Deluxe - LF (CNG), SLF M. EXP(CNG)					120	120		
AL	SLF METRO EXPRESS(CNG), CITY ORD (CNG)			120	120				
AL	INDRA			120	100				
TATA, AL, EICHER	SUPER LUXURY, ULTRA DELUX, EXPRESS, TELUGU VELUGU, CITY ORD.	115	100	115	100				
TATA, AL	SAPTAGIRI EXPRESS	105	100	105	100				
SML	MIDI							105	100

Please acknowledge the receipt of this circular.



Executive Director (E&IT)

To
All Depot Managers

Copy to : ED(A&P), ED(O&M), FA&CAO for information.
 Copy to : All EDs(Zones) for information.
 Copy to : CME(O), CME(C&B), CE(IT) for information.
 Copy to : All Regional Managers for information.
 Copy to : Dy.CME(P), Dy.CME(C&B), Dy.CME(O) for information.
 Copy to : All Works Managers for information & n.a.
 Copy to : All Dy.CMEs of Regions for information and necessary action.
 Copy to : AMEs(T) for information and necessary action.
 Copy to : All Garrage in-charges for information and necessary action.
 Copy to : Notice Board of all Depot Garrages.