



## ANDHRA PRADESH STATE ROAD TRANSPORT CORPORATION

No. . TR1/815(16)/2015-MED

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

### **CIRCULAR NO.17/2015 - MED, Dt: 21.11.2015**

SUB : **TYRES** -Total Radialization of all buses & standardization of 10.00R20 tyres for special type vehicles -Revised guidelines issued- Reg.

- REF : 1) Circular No.30/2003, dated 26.08.2003.  
2) Circular No.11/2005, dated 26.09.2005.  
3) Circular No.03/2006, dated 04.02.2006.  
4) Circular No.04/2006, dated 04.02.2006.  
5) Circular No.05/2006, dated 04.02.2006.

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Realising the cost benefit, the Corporation has gone for extensive radialisation in the recent past. All the special type vehicles and Pallevelugu vehicles running on plain routes were radialised. **The CPK on 9.00R20 Radial Tyres is proved to be less by around 12 paise/km when compared to that of 9.00X20 Nylon (Cross ply) tyres and CPK of 10.00R20 radial tyres is less by 7 paise/km when compared to 9.00R20 Radial Tyres.** Further, Radial Tyres are puncture resistant, render higher mileages with less retreads.

In view of the above, the Provisioning Committee, which met on 09.11.2015 has taken the following decisions.

1. **Radialization of all TVG and City buses:**

So far, 9.00R20 Radial Tyres are being used in certain Telugu Velugu buses which are operated on plain roads. Now it is decided to provide 9.00R20 Radial Tyres to all Telugu Velugu buses and also in all City buses (except Paderu depot).

2. **10.00R20 Tyres on all Special Type Vehicles:**

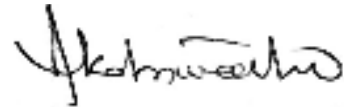
The Tyre performance is of 10.00R20 (211609 kms) is good and CPK is less when compared to 9.00R20 (176014 kms) and hence is more economical. Therefore, it is decided to fit Express, Saptagiry (Exp & Dlx) buses with 10.00R20 tyres in addition to the existing Super Luxury and Delux buses in a phased manner i.e. half of the fleet in 1<sup>st</sup> six months and remaining in the 2<sup>nd</sup> six months period.

In this connection all the Dy.CMES are advised to chalk out depot wise plan of action to implement the revised guidelines. The Dy.CME shall submit the month wise conversion plan to Corporate Office & Zonal stores and see that the conversion from 9.00R20 to 10.00R20 is completed on all Exp, Dlx, Super Luxury and Indra buses by 31.12.2016.

The above instructions shall be explained to all DMs, Mechanical Supervisors and Tyre Mechanics, so that these guidelines are implemented without any deviation throughout corporation.

A chart showing the existing and revised guidelines on selection of tyres of different sizes for different types of vehicles is enclosed (Annexure -A).

Encl: as above



Executive Director(E&IT)

**To**  
**All Depot Managers**

Copy to: C&MD for favour of infn.

Copy to: Dir (V&S), ED (O&MIS), ED (A&P), FA&CAO for infn.

Copt to: All EDs (Zones) for information.

Copy to: All RMs & HODs for necessary action.

Copy to: CME(C&B) with an advice to take the above guidelines into consideration while procuring new vehicles.

Copy to: All Senior Scale Officers of H.O. for infn.

Copy to: All DyCMEs, WMs, COSs & Dy.CAOs of Zones for necessary action.

Copy to: All Principals of ZSTCs & Principal-TA/VJA for information.

Copy to: All AMEs(Tyres) for infn.

Copy to: All Maintenance In-charges for necessary action.

Copy to: In-charge, Manual Section for record.

## Annexure-A

TYPE OF VEHICLE	EXISTING SIZE	REVISED
Garuda (Volvo, Isuzu, Cerita)	295/80R	295/80R
Garuda Plus (Volvo, M.Benz)		
Vennela (Isuzu, Volvo)		
Low Floor AC (HSD)		
Low Floor Non AC (HSD)		
Low Floor (CNG)		
SLF METRO TATA (HSD)		
City Volvo		
Indra (AL)	10.00R20	10.00R20
Super Luxury		
Deluxe		
Express	<b>9.00R20</b>	
SLF METRO AL (HSD)	10.00R20	
SLF METRO AL (CNG)		
CITY CNG AL		
Ghat( SGIRI EXP & SGIRI DEL)	<b>9.00R20</b>	
Pallevelugu (Radial)	<b>9.00R20</b>	
Pallevelugu (Nylon)	9.00N20	
Metro Exp Old (Nylon)		
City Ordinary (Nylon)		
City Suburban (Nylon)		
Moffussil (Nylon)		