

ANDHRA PRADESH STATE ROAD TRANSPORT CORPORATION

No.OP2/462(28)/2003-MED

Office of the VC&MD
HYDERABAD-20

CIRCULAR No.29/2003-MED, Dt.11.08.2003

SUB:MAINTENANCE:- Attention of Vehicles for FC renewals
- Replacement of Brake items - Instructions issued
- Reg

- REF:1) Cir.No.07/1993-MED, 20.02.1993.
2) Cir.No.42/1993-MED, 12.10.1993.
3) Cir.No.14/1996-MED, 07.06.1996.
4) Cir.No.20/1997-MED, 20.09.1997.
5) Cir.No.21/1997-MED, 29.09.1997.
6) Cir.No.17/2003-MED, 05.06.2003.
7) Cir.No.23/2003-MED, 07.07.2003.

Brake system is an important system in the Vehicle in view of the safety of the passengers as well as the Vehicle. For effective working of Brake system, detailed instructions were issued to the Depots vide Circulars cited above to ensure periodical maintenance and improve reliability of the system.

During the recent inspection of Vehicles it was observed that the Depots are not taking enough care to replace critical items in the brake system at the time of FC renewals of Vehicles. The Fitness Renewal is a statutory requirement which has to be taken up with utmost care to ensure that the Vehicle is in mechanically sound condition for operation.

Hence, proper care should be taken at the Depots during FC renewals of Vehicles in replacing the Brake items and attending to the Upkeep of Body for safety and comfort of the passengers.

During the Technical Audit of Depots conducted by Head

Office, it is noticed in Depots that the brake items like System Protection Valve, Hand Brake Valve, E1/Dual Brake Valve, Spring Brake chambers and items in FC Kits etc., are not changed due to non availability of reconditioned units and FC Kits. At some of the Depots these items are not replaced even though the reconditioned brake units and FC Kits are available in the Depots. This is serious violation of the Circular instructions which can lead to failure of Brake system and cause major accidents.

Recently, feed back is received from Dy.CMEs that the rear brake chamber diaphragms and seal assemblies which are available in the FC Kits are not being used by the Depots at the time of replacing the FC items available in the FC Kits since the rear brake chambers are supplied by the Zonal Workshops as per the requirements of Depots. The Zonal Workshops are already overhauling Rear Brake Chambers using repair kit and diaphragms and supplying to the Depots. Hence, it is decided to stop supply of diaphragms and seal assemblies of rear brake chambers with the FC Kits and CD/TVS was requested to supply FC Kits without these two items.

In view of the above the following instructions are reiterated for strict implementation at the Depots during the FC renewals of Vehicles.

- Identify the Vehicles due for FC month-wise and match the FC work along with the scheduled maintenance for availability of Vehicle.
- Draw the required quantities of FC Kits basing on the type of Vehicle and brake system in advance as per the plan.
- Draw the required quantities of brake items like Un-loader Valve, E1/Dual Brake Valve, Rear Brake Chambers, Hand Brake Valve, System Protection Valve, Air Compressor(Alternate FC) , Tie rod ends and Drag link ends based on the number of FC Vehicles due in the month.
- Replace all brake units and items of FC Kit in toto as per the Circular instructions without fail.
- Ensure Hand Brake is in proper working condition as per Cir.No.23/2003-MED, Dt.07.07.2003.

- Ensure tapping of Air for Air Horn & other Accessories is taken from System Protection Valve as per Cir.No.17/2003-MED, Dt.05.06.2003.
- Maintain record for replacements of Brake units as per Circular No.14/1996-MED, DT.07.06.1996.

All Depot Managers are therefore advised to ensure implementation of the above instructions immediately duly stocking the required brake units and FC Kits without fail.

All the Divisional Managers are advised to ensure implementation of above Circular instructions at the Depots of their jurisdiction.

All COSs are advised to ensure stocking and supply of required FC Kits to the Depots regularly. The FC Kits to be supplied in future shall not contain Rear Brake Chamber Diaphragms & seal assemblies.

All the Works Managers are advised to ensure supply of reconditioned brake units to the Depots as per the requirement duly planning well in advance. They are advised to ensure supply of 100% requirement of Rear Brake Chambers for FC Vehicles in view of elimination of Rear Brake Chamber Diaphragms & seal assemblies in FC Kits to be supplied hereafter.

All Regional Managers are advised to ensure the implementation of above circular instructions at the Depots in their jurisdiction and cross check the same during their inspections of Depots.

All Executive Directors (Zones) are advised to review the implementation of circular instructions during the review meetings held at Zonal level and ensure the same without deviation.

VICE CHAIRMAN &
MANAGING DIRECTOR