



ANDHRA PRADESH STATE ROAD TRANSPORT CORPORATION

No. TL10/155(1)/2018-MED

Office of the VC & MD
RTC House, Vijayawada,
Dt. 05.06.2018.

CIRCULAR No. 10/2018-MED, Dt.05.06.2018

Sub: WINDOW CURTAINS: Guidelines on proper upkeep of window curtains in all AC buses and replacement of faded/torn curtains - Reg.

The Corporation is presently operating 270 AC buses under different brand names on long distance routes to cater to the needs of high end passengers. The details of AC buses in APSRTC are as follows.

S.No	Vehicle Type	No. of Buses
1	Amaravati	64
2	Garuda plus	20
3	Garuda	61
4	Vennela sleeper	7
5	Indra	88
6	Metro Luxury	30
Total		270

In all AC buses, window glasses are of fixed type and Window Curtains are provided @ two nos per window with a provision to slide on rail/rod provided at the top. Curtains are meant to prevent heat transmission into saloon in the day time and to avoid light falling into saloon from other vehicles during night time.

Standard Interior Themes of AC buses:

The following interior themes were approved and implemented for Amaravati, Garuda & Indra AC buses.

Sl. no	Type of Bus	Seat fabric color	Window Curtain fabric color
1	Volvo Amaravati	Maroon, Red	Beige (light brown)
2	Scania Amaravati	Blue	Blue
3	Corona Garuda	Maroon, Red	Beige (light brown)
4	Indra	Blue	Blue

On scrutiny of complaints received at Central Complaint Cell (CCC) from passengers, it is observed that upkeep of curtains in AC buses is not up to the mark. Based on the feedback from passengers, MED teams conducted inspection of buses at Bus stations and Depots and the following lapses are observed regarding upkeep of window curtains.

1. Depots are adopting different color combinations of curtains deviating from standard themes. Aesthetics of bus interior affected adversely due to mismatching of curtain colors with that of seat fabric.
2. No specific periodicity for change of curtains i.e., daily/weekly/FN is being followed.
3. Curtains procured locally by Regions are getting faded in short span of time i.e., less than a year.
4. Care not being taken for dry/machine washing & pressing of curtains.
5. Not replacing faded curtains periodically.

After examining the above lapses, it is felt necessary to standardize the specifications for window curtains, periodicity for replacement of faded curtains and also the periodicity for washing.

Specifications of Window Curtains: The following specifications are now standardized for the procurement of window curtains.

1. Material grade : permanent inherent fire retardant fabric
2. Material type : curtain fabric for buses
3. Blend : 100% polyester
4. Performance requirement : The material shall meet flammability requirements as per IS:15061 - 2002, clause-3.2 & 3.3, Annexure- A & B specified for buses
5. Mass : 230 GSM (minimum) \pm 20GSM
6. Pleat width : 48 \pm 2mm
7. Color : Royal blue (Dark blue), Beige (light brown)

The COS/Zone shall obtain requirement of window curtains from Dy.CMEs of the Regions for different models/themes of buses and procure readymade window curtains from the following reputed manufacturers/dealers as per the above specifications.

Sources for procurement of Curtains:

- | | |
|--|---|
| <p>1. M/s URRJA Bus Decor,
NO.162, 2nd Cross,
Near Gopalan Mall,
Bangalore-560026
Mobile: 9343864422,
Contact Person: Gopal
Email:urrjabusdecor@gmail.com</p> | <p>2. M/s Aarya Redefining Creations,
Bangalore.
Mobile: 9980321847,
Contact Person: Sri Shanker
Email:aaryaacreation@gmail.com</p> |
|--|---|

Further, new sources will be identified and communicated in due course.

Sizes of fixed window glasses and curtains of AC buses:

The window glass sizes and actual curtain sizes of different types of AC buses in operation are tabulated and enclosed as Annexure-I to this circular. The window curtains height and width shall be in accordance with the size of the windows.

Instructions for maintenance and replacement of faded/torn Window Curtains:

The following instructions are issued regarding proper upkeep and replacement of faded/torn window curtains.

1. Zonal stores shall procure & stock Fire Retardant (FR) grade window/cabin partition curtains and supply on demand to the Depots.
2. Depot Managers & Maintenance Incharges shall inspect curtains periodically and with draw faded/torn curtains and procure new curtains sets from Zonal Stores.
3. Dry washing & pressing of curtains shall be done once in 15 days to replace the soiled curtains in sets.
4. At least machine washing & pressing shall be followed in case, dry washing is not available.
5. Dry/Machine wash agencies to be identified at Regional level for all depots of the Region.

6. Other items like Velcro, hooks, SS curtain rods (3/4") for curtains shall be procured locally by the depots and replaced as per need.

All the Controller of Stores are advised to take immediate action to procure the required material based on the indents placed by Depots.

The RMs & ED/Zones are requested to review the subject item during periodical meetings/inspection of Depots and ensure better upkeep of window curtains of AC buses.

The compliance report shall be submitted by 30.06.2018.

Encl: Annexure-I


Executive Director (E&IT)

Copy to: All EDs & OSD to VC&MD for information.

Copy to: All RMs/HODs for information.

Copy to: All Dy.CMEs/WMs/COSs for information and immediate action.

Copy to: All DMs & Maintenance In-charges for immediate action.



SIZES OF FIXED WINDOW GLASSES AND CUTAINS OF AC BUSES

S.NO	TYPE OF BUS	SIZE OF WINDOW GLASSES			SIZE OF CURTAINS			PARTITION CURTAINS (SIDES)			PARTITION CURTAINS (MIDDLE)			
		HEIGHT	WIDTH	QTY	HEIGHT	WIDTH	QTY	HEIGHT	WIDTH	QTY	HEIGHT	WIDTH	QTY	
1	INDRA	a)	1000	1690	12	1800	1330	16	1110	1400	1	N/A		
		b)	830	620	1									
		c)	1000	890	1									
		Rear Glass	FRP			1800	1330	2						
2	SCANIA AMARAVATHI	a)	950	1740	2	820	1180	28	800	1020	2	1550	1020	1
		b)	980	1710	9									
		c)	980	840	1									
		d)	860	820	1									
		e)	980	1670	2									
		Rear Glass	750	2080	1	820	1180	2						
3	VENNALA SLEEPER	a)	1420	1610	2	980	1160	24	N/A					
		b)	1080	1770	2	FOR BERTHS								
		c)	1080	1680	6	880	1250	40						
		d)	1080	1730	2									
		Rear Glass	870	2730	1	970	1200	2						
4	ISUZU GARUDA	a)	1420	1610	2	1020	1550	24	920	1700	2	1980	1710	1
		b)	1080	1770	2									
		c)	1080	1680	6									
		d)	1080	1730	2									
		Rear Glass	870	2730	1	1020	1550	2						
5	MERCEDES BENZ GARUDA PLUS	a)	1160	1650	2	1020	1730	28	760	1200	2	1800	1000	1
		b)	1160	1690	10									
		c)	1160	1560	2									
		Rear Glass	1070	2010	1	1020	1730	2						
6	GARUDA CARONA	a)	1720	1610	12	1200	1115	24	2300	1115	2	1950	1115	1
		Rear Glass	800	1970	1	1200	1115	2						
7	VOLVO AMARAVATHI	a)	1520	1670	2	1120	1420	27	1020	1400	2	2200	1120	1
		b)	1000	1680	11	1470	1430	2						
		c)	780	600	1									
		d)	1000	700	1									
		Rear Glass	740	1840	1	620	1510	2						
8	VOLVO GARUDA PLUS	a)	1520	1680	2	1330	1800	2	1020	1010	2	1580	1030	1
		b)	1000	1680	12	1000	1550	26						
		Rear Glass	FRP											
9	VOLVO GARUDA	a)	1520	1680	2	1450	1680	2	830	1020	2	1550	1030	1
		b)	1000	1680	10	1000	1580	22						
		Rear Glass	FRP											
10	VOLVO METRO LUXURY(JNNURM)	a)	1240	1430	9	1220	1170	25	N/A					
		b)	1240	490	1									
		c)	1050	1580	1									
		Rear Glass	575	1580	1									