

ANDHRA PRADESH STATE ROAD TRANSPORT CORPORATION

No.TL5/286(4)/2013-MED.

Office of the VC&MD,
Mushirabad, Hyderabad,
Dated: 18th April,2013.

Circular No.07/2013-MED, Dated: 18.04.2013

Sub:- BUSES – Reiteration of guidelines for improvement of upkeep and economic life of buses – Instructions for implementation of maintenance schedules – Reg.

Ref:- 1) This office Lr.No.TL10/843(1)/AMED/2010-MED, Dated:16-5-2011.
2) Circular No. 21/2011-MED Dated 06-06-2011.
3) Circular No.36/2011-MED, Dated 31-10-2011.
4) Circular No.37/2011-MED, Dated 02-12-2011.
5) Circular No.04/2012-MED, Dated 07-01-2012.
6) Circular No.17/2012-MED, Dated: 17-07-2012.

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One of the objectives of the Corporation is to provide reliable and quality service to the travelling public. The present day commuters are more enlightened and are expecting high quality services in return for their patronage, such as good looking bus with good aesthetics, comfortable seats, good ambience inside the bus, rattle free windows and breakdown/accident free journey. Any slackness in quality of service may drift away the commuters to other modes of transport which is detrimental to the interest of the Corporation.

In the recent physical inspection of buses at depots organised as a part of 3-day training programme conducted in the Regions by chassis & bus body section of MED to improve the economic life and upkeep of buses, the following defects are observed in a high percentage which will have direct bearing on patronage from the passengers as well as on the life of the bus.

S.NO	LIST OF ITEMS INSPECTED	%	S.NO	LIST OF ITEMS INSPECTED	%
1	CONDITION OF ANTISAG BAR FITMENT	30	18	WINDOW KNOB CONDITION	12
2	CONDITION OF OUTRIGGER FITMENT	27	19	WINDOW FRAME CONDITION	12
3	BODY 'U' CLAMP CONDITION	27	20	FRONT FRP/COWL CONDITON	11
4	CONDITION OF REAR AIR SUSPENSIOIN	26	21	REAR SALOON GLASS CONDITION	11
5	REAR BUMPER CONDITION	24	22	TOP FIXED GLASS CONDITION	11
6	WINDOW FLOCK CHANNEL DAMAGED	23	23	SLIDING GLASS CONDITION	11
7	TERENE FELT DAMAGED	22	24	DRIVER SEAT CONDITION	10
8	FRONT BUMPER CONDITON	20	25	EXTERNAL PAINTING CONDITION	10
9	FRONT END STRUCTURE CONDITION	19	26	SEAT FABRIC/ REXINE CONDITION	9
10	J K DOOR OPERATION	18	27	DESTINATION BOARDS	8
11	FWS GLASS CONDITION	17	28	FLOORING CONDITION	6
12	TAIL LAMPS & MARKER LAMPS CONDITION	16	29	ROOF LEAKAGE	5
13	DRIVER DOOR CONDITION	15	30	LUGGAGE CARRIER CONDITION	5
14	INTERNALPAINTING CONDITION	15	31	DASH BOARD CONDITION	4
15	CABIN MOUNTING CONDITION	15	32	CABIN FLOORING CONDITION	4
16	REAR FRP/ PANELS CONDITION	14	33	ENGINE BONNET CONDITION	2
17	ARM REST CONDITION	13			

Inspite of giving detailed instructions through the circulars cited at reference on the maintenance schedules to be followed for improving the upkeep as well as the economic life of buses scant attention is being given for this vital subject resulting in tarnishing the image of the Corporation among the commuters and hence loosing patronage. Further it is also observed that the artisans like; Coach Builders, Trimmers, Painters etc., who play vital role in improving the upkeep as well as economic life of the buses are not being utilized effectively.

As the major objectives of Sch-III, IV and FC maintenance at depots are to improve the life of the buses and major aggregates with due attention on upkeep of buses so as to maximise the operating time of buses without any breakdown to provide reliable and quality service to the travelling public there is a dire need to focus on the bus body maintenance in Sch-III, IV and FC. Hence the following instructions are reiterated in order to improve the upkeep and economic life of the buses.

1. Sch-III / IV in-charge shall inspect outside and inside of the buses drafted for Sch-III/IV/FC maintenance, and record the condition of the items as per Annexure-A in a separate register.
2. The repair works have to be allotted to the concerned artisans
3. A separate board in addition to the regular one, has to be exhibited on one side of the bus indicating the items found defective and require attention for the knowledge of the concerned artisans who are entrusted with that work.
4. Daily the Sch-III/IV/FC in-charge should inspect the buses after completion of the maintenance in the evening to ensure that all the repair works are attended properly.
5. Asst.Engineer(Mech)/DM of the depot should cross check the Sch-III/IV/FC vehicles to ensure the quality of Sch-III/IV maintenance so as to improve the upkeep and life of the bus.
6. DMs shall ensure that the items required for good upkeep of vehicles as per the Annexure-B are stocked at the depot stores.

7. Ensure implementation of FRP repairs, P.U.painting, sealent application for better aesthetics.

8. RMs/Dy.CMEs during their depot inspection shall verify the register maintained for upkeep maintenance of buses and also cross check some of the buses besides the buses drafted for Sch-III/IV/FC maintenance on the day of inspection.

Therefore all Executive Directors of the Zones are requested to take action for stocking the items as per Annexure-'B' at Zonal Stores and supply of the same as per the requirement of depots besides implementation of the bus body maintenance schedules to ensure good upkeep of the vehicles.

Please acknowledge.

Encl: As above.


VICE-CHAIRMAN & *P/4*
MANAGING DIRECTOR

Copy to the following for information and necessary action.

Dir(V&S)/ED(E&IT)/ED(O,MIS&AM)/ED(A&P)/FA&CAO/ED(H&M) &
Secretary to Corporation.

Executive Directors Zones.

All RMs/HODs.

All Dy.CMEs/WMs/COSs/Dy.CAOs.

All the Depot Managers/Accounts Officers for necessary action.

All Depot Maintenance Incharges.

Sl.No.	Description	Status		
		OK	Damaged	Missing
1	External painting	OK	Faded	Peeled Off
2	Alu. Panels	OK	Dented	Scratch
3	Corner Domes	OK	Dented	Scratch
4	Bumper	OK	Bent	Broken
5	Front end structure	OK	Damaged	
6	Front Wind Screen Glass	OK	Crack	
7	Front Cowl FRP	OK	Damaged	
8	Rear View Mirror	OK	Damaged	Missing
9	Wiper	OK	Not working	Missing
10	Rear end structure	OK	Damaged	
11	Rear Wind Screen Glass	OK	Crack	Alu./ MS sheet Fitted
12	Rear Cowl FRP	OK	Damaged	
13	Ladder	OK	Damaged	Missing
14	Luggage Carrier	OK	Rusted	Damaged
15	Unloader	OK	Rusted	Missing
16	Shuffer glasses	OK	Missing	Alu./ MS sheet Fitted
17	Top fixed glasses	OK	Damaged	Alu./ MS sheet fitted
18	Window knobs	OK	Damaged	Missing
19	Window Terene felt/ Flock channel	OK	Perished	
20	Window frame condition	OK	Damaged	
21	Tail Lamps	OK	Damaged	Missing
22	Marker Lamp	OK	Damaged	Missing
23	Foot Board	OK	Damaged	
24	JK Door	OK	Damaged	Jam
25	Driver Door	OK	Damaged	
26	Destination Board	OK	Damaged	
27	Roof leakage	OK	Leakage	
28	Anti sag bar	OK	Delivered	Missing
29	Out Rigger	OK	Delivered	Missing
30	Cabin foundation bolts	OK	Loose	Missing
31	Body 'U' clamps	OK	Loose	Missing
32	Belfing fabric	OK	Perished	
33	Interior painting	OK	Faded	Peeled Off
34	Driver seat	OK	Jam/Damaged	
35	Safety Belt	OK	Missing	
36	Drivers cabin	OK	Damaged	
37	Engine bonnet	OK	Damaged	
38	Dash board	OK	Damaged	
39	Cabin flooring	OK	Loose	
40	Saloon flooring	OK	Loose	
41	Roof lights	OK	Not working	Missing
42	Battery box	OK	Rusted/Damaged	
43	Seat cushion	OK	Compressed	Missing
44	Seat rexino/fabric	OK	Damaged	Dirty

45	Arm rest	OK	Damaged	Missing
46	Reclining Mechanism	OK	Not working	
47	Seat back ABS cover	OK	Damaged	Missing
48	Valence cover	OK	Damaged	Missing
49	Bottle holder strap	OK	Damaged	Missing
50	Magazine pouches	OK	Damaged	Missing
51	Foot Rest	OK	Damaged	Missing
52	AC lovers	OK	Damaged	Missing
53	Reading Lights	OK	Not working	Missing
54	Cell Charger	OK	Not working	Missing
55	Public Addressing System	OK	Not working	Missing
56	AC duct	OK	Leakage/Damaged	
57	TV	OK	Not working	Missing
58	Luggage Booth	OK	Damaged	Dirty
59	Flap Doors	OK	Damaged	Missing
60	Window guard Rail	OK	Damaged	Missing
61	Rub Rail Rubber	OK	Loose	Missing
62	Others			

SL.NO	DESCRIPTION	SPECIFICATION / BRAND	MANUFACTURER/ DISTRIBUTOR	SOURCE
1	P. U. PAINTS	1. SIKKENS OF AKZO-NOBEL 2. GLASURIT OF BASF 3. DELTRON OF ASIAN - PPG 4. IMRON OF DUPONT 1. 3M INDIA 2. HENKEL 3. ANABOND	<p>Akzon Nobel India Ltd., Mr. K.S. Subbiah, Godown Complex, Door No. 7/2/1740, Godown No.3, Sanath Nagar Main Road, Opp. Fire Station, Hyderabad - 18 Ph: 9160004813</p> <p>BASF Coatings (India) Pvt. Ltd., Garuda Buildings, 4th Floor, No. 104, Cathedral Road, Chennai - 600086.</p> <p>Asian PPG Industries Limited, Post Box No. 1658, Plot No. 104, S. Mallareddy, Estate, Jayanagar, RTC Colony, Trilulgherry, Secunderabad - 500015.</p> <p>Vision India No. 139/1, 1st Cross, Sarvabhouna Nagar, Bilekahalli Industrial Estate, Bannerghatta Road, Bangalore - 560076. Ph: 08343535977, 07876668777</p> <p>3M India Ltd., Plot Nos. 48/51, Electronic City Hosur Road, Bangalore - 560100 Mr. Trinath : 9949042499</p> <p>Henkel Adhesive Technologies India Pvt. Ltd., No-3, TPL House, Cenotaph Road, Teynampet, Chennai - 600019. Mr. Mahesh Kumar: 99840177401.</p> <p>Ananbond Ltd., No. 36, Type II, DRV.S.I. Estate, Thiruvanniyur, Chennai - 600041. Mr. Parthiban : 09445398702 Mr. Tavtaiah : 9704001823</p>	<p>Akzon Nobel India Ltd., Mr. K.S. Subbiah, Godown Complex, Door No. 7/2/1740, Godown No.3, Sanath Nagar Main Road, Opp. Fire Station, Hyderabad - 18 Ph: 9160004813</p> <p>Hindustan Refinishers, Shop No. 6, Reliance Mansion, Indira Park Road, Lower Tank Bund, Hyderabad - 500080, Ph: 040-64524044</p> <p>1.R.S. Traders, Hyd. Ph: 9885307531</p> <p>2.Harekrishna Enterprises Ph: 9948979481</p> <p>1. Nalini Marketing Pvt. Ltd. (3m) Ph: 9848415696 9848395968</p> <p>Hi-Tech Adhessives, Hyderabad Ph. No. 900333934</p> <p>Ananbond Ltd., No. 12-13-304, FT-B3, Balaji Nivas Apartments, Street No. 2, Tarnaka, Secunderabad - 500017, Ph: 040-27000270, 40175052 Call: 9704001823</p>

2	P.U. SEALANTS	4. BOSTIK	Bostik India Pvt. Ltd., 124/1 & 124/2A, Kachanayakanahalli Off Hosur Road, Hennagara Post, Anekal Taluq, Bangalore. Mr. N.K.Mitra : 09490795726, Mr. Guru Prasad: 09845448543	Consignment Agency Address Total Logistics (P) Ltd., No.46, First Anand Nagar Colony, New Bowenpally, Secunderabad - 03, Ph: 040-65225859
		5. SIKKA INDIA	Sikka India Pvt. Ltd., 2nd Floor, Shivalishnavi Arcade Plot No. 88/1, Road No. 1, Banjara Hills, Hyderabad - 34. Mr. Nadim : 0980784943.	3. N.G. Marketing. Ph: 040-66328313 cell 9246358313
		8. TOTAL SEAL		4. Lucky Bus Needs PH: 9348991655
		7. BOSS	Boss Products, Accumetic Silicones Pvt. Ltd., No. 245, G.S.T. Road, Unappalam, Kancheepuram Dist, Tamilnadu. Ph: 04430060346 Fax: 04430060345	Boss Products, H.No. 12-1-508/B/14, Indira Nagar, "B" Colony, Lalapat, Secunderabad - 500 017.
3	WINDOW GLASSES	1) 5.0 MM TOUGHENED CURVED TINTED/ CLEAR SAFETY GLASS FOR VOLVO/SUPER LUXURY BUSES	1. N.N. Safety Ph: 9849805357	1. N.N. Safety Ph: 9849805357
		2. 5.0 MM TOUGHENED STRAIGHT TINTED/ CLEAR SAFETY GLASS FOR DELUXE / EXPRESS/ PV/CITY ORD / SLF /LF BUSES	2. Prakash glass works Ph: 9849255000	2. Prakash glass works Ph: 9849255000
4	WINDOW KNOBS	ACCEL TYPE SPRING LOADED LOCK	3. Hyderabad glass safety Ph: 9346662615	3. Hyderabad glass safety Ph: 9346662615
		CAR INTERNATIONAL	AJP Ltd, PLOT No:34, Sector-28,HUDA, GURGAON, HARIANA.	Lucky Bus Needs PH: 9348991655 Lucky Bus Needs PH: 9348991655
5	WINDOW FLOCKED CHANNEL	EPDM RUBBER FLOCK CHANNEL- ASP/ALP MAKE	RK Profiles Pvt.Ltd., Plot No.262-O, Sector- 24, Faridabad-121005. Ph.0129-2236643	General Auto & Hardware Stores Ph: 24613611, 24745582 Cell: 9849024481
		Rubber Extrusions & Mouldings Co.	Responsive Industries Limited, C/o, Sajavat, 17, New Ganesh Road, Kasba Path, Pune - 411011. Ph: 020-24545512, 24579912 Fax: 022-66562799	Commercial Traders Ph: 9848275636
6	SYNTHETIC VINYL FLOOR MAT	2.0 MM THICK- RESPONSIVE INDUSTRIES/ RMG POLY VINYL BRANDS		1. Krishna Vinyl Bombay Ph: 09324162813
				2. Poly Vinyl Ph: 9391051138

7	GAS SPRINGS	SUSPA / IDEAL BRANDS	IDEAL GAS SPRINGS PVT.LTD.E-3/3 OLD MIDC, SATARA- 415004, Ph.02162-244294.	3. Prabhat Company #15-4-45, Gowliguda Chaman, Hyderabad - 500012. Ph: 9399921802 General Auto & Hardware Stores Ph: 24613611, 24745582 Cell: 9849024481 2. Teja Industrial suppliers Ph: 9849486889
8	SEAT ARM REST PADDING	P.U.FOAM PADDING	Haritha Seating Systems Limited, Belagondapalli, Thally Raod, Hosur - 635114, Tamilnadu, Ph: 04347-233445 Fax: 04347-233460, Cell: 098994402103.	Teja Industrial Ph: 9849486889
9	HEAD REST COVERS	PVC REXENE FABRIC WITH 8MM FOAM LINING		1. Lucky Bus Needs PH: 9348991665 2. Teja Industrial Ph: 9849486889 General Auto & Hardware Stores Ph: 24613611, 24745582 Cell: 9849024481 1. Lucky Bus Needs PH: 9348991665 2. Teja Industrial Ph: 9849486889
10	MAGAZINE POUCH	KNITTED		General Auto & Hardware Stores Ph: 24613611, 24745582 Cell: 9849024481 1. Lucky Bus Needs PH: 9348991665 2. Teja Industrial suppliers Ph: 9849486889
11	BOTTLE HOLDERS			General Auto & Hardware Stores Ph: 24613611, 24745582 Cell: 9849024481 1. Lucky Bus Needs PH: 9348991665 2. Teja Industrial suppliers Ph: 9849486889
12	DRIVER SEAT SAFETY BELT		Rane TRW Ltd., NH-45, GST Road, Singaperumal Koil, Chennai-600004; Cell:09841549306	General Auto & Hardware Stores Ph: 24613611, 24745582 Cell: 9849024481 General Auto & Hardware Stores 15-1-563, Siddlambur Bazar, Hyderabad 500012, Ph: 24613611, 24745582 Cell: 9849024481
13	Driver seat bottom	Knitted wire 4mm width 1.5 mm thick		Teja Industrial Supplier Ph: 9849486889
14	Driver seat back	Knitted wire 4mm width 1.5 mm thick		Teja Industrial Supplier Ph: 9849486889
15	Driver seat slider			Teja Industrial Supplier Ph: 9849486889
16	SIDE VALENCE COVERS	FRP / PP COVERS		Teja Industrial suppliers Ph: 9849486889

17	TAIL LAMPS / INDICATORS / HEIGHT MARKER LAMPS	LED	<p>1) M/s Aarjee Equipments Pvt., Ltd., Kambl Complex, # 1105, O.T.C. Road, Bangalore - 560 002, Ph: 09845416428 09448685900</p> <p>1) M/s Jappan Industries, 902/290, Street No.4, Village Shullimar Industrial Area, Delhi - 110088. Ph: 011-27490198, 09810190479.</p> <p>General Auto & Hardware Stores 15-1-563, Siddiamber Bazar, Hyderabad - 500012, Ph: 24613611, 24745582 Cell: 9849024481</p> <p>Lucky Bus Needs Ph: 9348991665</p> <p>General Auto & Hardware Stores 15-1-563, Siddiamber Bazar, Hyderabad - 500012, Ph: 24613611, 24745582 Cell: 9849024481</p>
18	Rear View Mirror	As per OE fitment received along with chassis. Size: 385mm X 190mm	<p>1. Allied Marketing Co, Allied House 15, Tad Bund, Behind Hanuman Temple, Secunderabad - Ph : 27721514, 27897484 Fax : 040-40124291</p> <p>Shree Plastice & Engineerings, C-17/2, Industrial Park, Near APJIC Zonal Office, Moula-Ali, Hyderabad - 500040 Ph: 9848178058</p>
19	FRP Items	Fiber glass mat, polyster resine, accelerator, catalyst, chalk powder	<p>2. Venkata Lakshmi Sales Corporation, PVC, Polycarbonate, FRP (Sheets & Materials) Shop No. 2, CIE, Narasapur 'X' Road, Balanagar, Hyderabad - 37 - Ph : 9849317399, 23774290</p> <p>4. Lucky Bus Needs, G-1, Shree Anusha Estate, Shapoor Nagar, IDA, Jeedimetla, Hyderabad - 500055. Ph : 23194882, 23091197, 23193309, Fax : 23091187, Cell: 9399991665, 9348991665</p>

			<p>3. S.P. Engg. Industries, Fibre Row Materials (MFRS, Colour Pigments) Shop (R) : 10-11-175/18A, Beside Railways over track, Fathenagar, Hyderabad - 18. Ph : 9959191547, 23777938.</p>	
20	Weather shield tape	Biturmen based with Al. foil and release paper 1.5mm thick 100/150 mm width.	<p>Chakiath Furniture system Pvy.ltd,B.LDG.NO:18/10(B),Cochin University PO,S.Kalamassery, PIN-682022, COCHIN,Kerala. PH:0484-2556369, Cell:09895093992</p> <p>2. Extrem sealing tape 4412 N of 3 M Ph:</p> <p>Henkel Adhesive Technologies India Pvt. Ltd., No-3, TPL House, Cenotaph Road, Teynampet, Chennai - 600018. Mr. Muthu Kumar: 09840177401.</p>	<p>Hinduja Engineering Enterprises, Plot No.9, Block-B, Vasavi Colony, Vikrampur, Bata Adjacent Lane, Picket, Secunderabad - 500015, Ph: 040-27892428, 27892277, Fax: 040-27892428.</p> <p>Nalini Marketing Pvt. Ltd. (3m) Ph: 9848415698 9848395968</p> <p>Hi-Tech Adhesives, Hyerabad Ph. No. 900333934</p>
21	Belting fabric	Rubber canvas belting of 6 mm thick	<p>Lucky Bus Needs PH: 9348991665</p>	<p>Lucky Bus Needs PH: 9348991665</p>
22	Reading lights	LED / Bulb type	<p>General Auto & Hardware Stores 15-1-563, Siddiamber Bazar, Hyderabad 500012, Ph: 24613611, 24745582 Call: 984902481</p>	<p>Lucky Bus Needs PH: 9348991665</p>

23	A/C louvers	Voivo type / M. Benz type	M/s Japen Industries, 902/290, Street No.4, Village Shalimar Industrial Area, Delhi - 110088. Ph: 011-27490198, 09810190479.	1. Lucky Bus Needs Ph: 9348991665 General Auto & Hardware Stores 15-1-563, Siddiamber Bazar, Hyderabad 500012, Ph: 24613611, 24745582 Cell: 9849024481
24	Window top fixed glass	For SL - 1677 x 320/450 For Dix/Exp/PV/City Ord. - 1127 x 330 mm	For SL - 1677 x 320/450 NN Safety glass Ph: 9849805357	1. Prakash glass works Ph: 9849255000
			2. Hyderabad glass safety Ph: 9346662615	2. Hyderabad glass safety Ph: 9346662615
25	Door lock	MSL/Force motor	Mobility solutions Ltd, Plot no.75, 1st floor, Industrial area, Phase-1, Chandigarh. Ph: 0172 3013095, Cell:09216831333	Lucky Bus Needs Ph: 9348991665 General Auto & Hardware Stores Ph: 24613611, 24745582 Cell: 9849024481
26	Rubber Gromets	EPDM quality	Balaji Rubber Industries 23 'C' IInd Phase, IDA, Jeedimetta, Hyderabad - 500855 Ph: 9393346250 9346924880	Balaji Rubber Industries Ph: 9393346250 9346924880
27	Tower bolts	Stainless steel	Radhika Minerals Pvt. Ltd., Felt House # 162, 2nd Cross, Opp. Old Toll gate, Mysore Road, Bangalore - 560026. Ph: 080-26740784, 09343864422	Radhika Minerals Pvt. Ltd., Ph: 080-26740784, 09343864422 NISA Ph: 9246379549

28	Arm slings	Swivelling type	<p>1. Lucky Bus Needs Ph: 9348991665</p> <p>General Auto & Hardware Stores Ph: 24613611, 24745582 Cell: 9849024481</p>
29	Wiper Assembly for Super Luxury	120/180 Watts	<p>Almity Auto Ancillary Pvt. Ltd., Mumbai, Ph: 9619740749.</p> <p>Allied Spares & Auto Cars Manufacturer Co. Pvt. Ltd., 1709, 3rd Phase, GIDC, VAPI, Vaisad, Gujarat - 396195, Ph: 0260-2430649</p> <p>Camoflex Industries Limited, Manufacturers of wiper systems, Mago Villa, # 28, Gulmohar Rd, Juhu, J.V.P.D. Scheme, Mumbai - 400049, INDIA. Ph: 07738570000, 02226209940 Ph: 0773-8480000, 09820739574</p> <p>Lucky Bus Needs, G-1, Shree Anusha Estate, Shapoor Nagar, IDA, Jeedimetla, Hyderabad - 500055, Ph : 23194882, 23091197, 23193309, Fax : 23091187, Cell: 9399991665 9348991665</p> <p>General Auto & Hardware Stores 15-1-563, Siddiamber Bazar, Hyderabad 500012, Ph: 24613611, 24745582 Cell: 9849024481</p>