

ಕರ್ನಾಟಕ ವಿಧಾನ ಪರಿಷತ್ತು

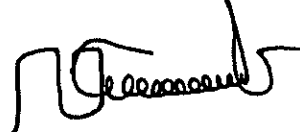
ಚುಕ್ಕೆ ಗುರುತಿನ ಪ್ರಶ್ನೆ ಸಂಖ್ಯೆ : 2687
 ಸದಸ್ಯರ ಹೆಸರು : ಶ್ರೀಮತಿ ಭಾರತಿಶೆಟ್ಟಿ
 ಉತ್ತರಿಸುವ ಸಚಿವರು : ಸಾರಿಗೆ ಮತ್ತು ಪರಿಶಿಷ್ಟ ಪಂಗಡಗಳ
 ಕಲ್ಯಾಣ ಸಚಿವರು
 ಉತ್ತರಿಸುವ ದಿನಾಂಕ : 25.03.2022.

ಕ್ರ. ಸಂ	ಪ್ರಶ್ನೆ	ಉತ್ತರ
ಅ.	ಬಿ.ಎಂ.ಟಿ.ಸಿ ಎಷ್ಟು ಬಸ್ಸುಗಳನ್ನು ಯಾವ-ಯಾವ ಸಂಸ್ಥೆಗಳಿಂದ ಗುತ್ತಿಗೆಯನ್ನು ಯಾವ-ಯಾವ ದರಗಳಲ್ಲಿ ಪಡೆದುಕೊಂಡಿದೆ;	ಬೆಂ.ಮ.ಸಾ.ಸಂಸ್ಥೆಯು ಎಲೆಕ್ಟ್ರಿಕ್ ಬಸ್ಸುಗಳನ್ನು ಗುತ್ತಿಗೆ ಆಧಾರದ ಮೇಲೆ ಮೆ ಎನ್.ವಿ.ವಿ.ಎನ್. ಇವರಿಂದ 90 ಬಸ್ಸುಗಳನ್ನು ಪ್ರತಿ ಕಿ.ಮೀ.ಗೆ ರೂ.51.67 ರಂತೆ ಹಾಗೂ ಮೆ ಅಶೋಕ್ ಲೇಲ್ಯಾಂಡ್, ಇವರಿಂದ 300 ಬಸ್ಸುಗಳನ್ನು ಪ್ರತಿ ಕಿ.ಮೀ.ಗೆ ರೂ.48.90 ರಂತೆ ಆಚರಣೆ ಮಾಡಲು ಆದೇಶಗಳನ್ನು ನೀಡಲಾಗಿರುತ್ತದೆ.
ಆ.	ಸದರಿ ಬಸ್ಸುಗಳ ಸ್ಥಿತಿ-ಗತಿ ಹಾಗೂ ಸುರಕ್ಷತೆ ಬಗ್ಗೆ ಬಿ.ಎಂ.ಟಿ.ಸಿ ನಿಗದಿಪಡಿಸಿರುವ ಮಾನದಂಡಗಳೇನು; ಸದರಿ ಮಾನದಂಡಗಳಿಗೆ ಅನುಗುಣವಾಗಿರದ ಬಗ್ಗೆ ಬಿ.ಎಂ.ಟಿ.ಸಿ ಯಾವ ರೀತಿಯಲ್ಲಿ ಗುರುತಿಸುವ ವ್ಯವಸ್ಥೆ ಹೊಂದಿದೆ;	ಬಸ್ಸುಗಳ ಸುರಕ್ಷತೆಗೆ ಸಂಬಂಧಿಸಿದಂತೆ CMVRನ 126ನೇ ಕಾಯ್ದೆಯಂತೆ ಕಂಪನಿಯವರು Testing Agency ಯಿಂದ Certificate ಅನ್ನು ಪಡೆದುಕೊಂಡಿರುತ್ತಾರೆ. ಸದರಿ ಸರ್ಟಿಫಿಕೇಟ್‌ನಲ್ಲಿ ಪ್ರಮುಖವಾಗಿ ಸುರಕ್ಷತೆಗೆ ಸಂಬಂಧಿಸಿದಂತೆ Seats and their anchorages, direction

<p>ಈ ವ್ಯವಸ್ಥೆ ಯಾವ ರೀತಿಯಲ್ಲಿ ಕೆಲಸ ಮಾಡುತ್ತಿದೆ;-- (ವಿವರ ಒದಗಿಸುವುದು)</p>	<p>indicator and stop lights, all indicators, lamps, fog lamps, intelligent transport system, door lock and door retention components, Rear under run protective device, Vehicle lateral protection device, Rear view mirror, safety related to bus body ಇತ್ಯಾದಿಗಳಿಗೆ ಸುರಕ್ಷತಾ ಕ್ರಮ ಕೈಗೊಂಡಿರುತ್ತಾರೆ. ಸರ್ಟಿಫಿಕೇಟನ್ನು 'ಅನುಬಂಧ'ದಲ್ಲಿ ನೀಡಲಾಗಿದೆ.</p> <p>ದೈನಂದಿನ ಹಾಗೂ ವಾರದ ನಿರ್ವಹಣಾ ತಪಶೀಲನಾ ಪಟ್ಟಿಯಂತೆ ಹಾಗೂ ವಾಹನದ ಸುರಕ್ಷತೆಗೆ ಸಂಬಂಧಿಸಿದಂತೆ ಬೆಂ.ಮ.ಸಾ.ಸಂಸ್ಥೆಯಿಂದ ಖಾತರಿಪಡಿಸಿಕೊಂಡ ನಂತರ ವಾಹನವನ್ನು ಆಚರಣೆಗೆ ನೀಡಲಾಗುತ್ತದೆ. ಬೆಂ.ಮ.ಸಾ.ಸಂಸ್ಥೆಯು ವಾಹನಗಳಲ್ಲಿ ಯಾವುದಾದರೂ ದೋಷಗಳನ್ನು ಗುರುತಿಸಿದಲ್ಲಿ ಗುತ್ತಿಗೆ ವಹಿಸಿಕೊಂಡಿರುವ ಕಂಪನಿಯಿಂದ ಸರಿಪಡಿಸಲಾಗುವುದು.</p>
<p>ಇ. ತಗಡಿನ ಡಬ್ಬು ಹಾಗೂ ವಿಶಾಲವಾದ ಗಾಜಿನ ಕ್ಷೇತ್ರ ಹೊಂದಿರುವ ಬಸ್ಸುಗಳು ಯಾವ ಯಾವ ಸಂಸ್ಥೆಗೆ ಸೇರಿದೆ; (ವಿವರ ಒದಗಿಸುವುದು)</p>	<p>ಬೆಂ.ಮ.ಸಾ.ಸಂಸ್ಥೆಯಲ್ಲಿ ಸದರಿ ಮಾದರಿಯ ಯಾವುದೇ ಬಸ್ಸುಗಳು ಇರುವುದಿಲ್ಲ.</p>
<p>ಈ ಬಹುತೇಕ ಸದರಿ ಬಸ್ಸುಗಳಲ್ಲಿ ಹೆಚ್ಚಿನ ಶಬ್ದ, ಗಾಜುಗಳ ಅಲ್ಲಾಡುವಿಕೆ ಹಾಗೂ ಶಬ್ದ ನಿರೋಧಕ ವ್ಯವಸ್ಥೆ ಇಲ್ಲದಿರುವುದು ಪ್ರಯಾಣಿಕರಿಗೆ ಅಲ್ಲಾಡುವಿಕೆ ವಿವರೀತ ಕಿರಿಕಿರಿ</p>	<p>ಬೆಂ.ಮ.ಸಾ.ಸಂಸ್ಥೆಯು ನಿರ್ವಹಣೆ ಮಾಡಲು ವಿಧಾನಗಳನ್ನು ಅಳವಡಿಸಿಕೊಂಡಿದ್ದು, ಬಸ್ಸುಗಳಲ್ಲಿ ಹೆಚ್ಚಿನ ಶಬ್ದ, ಗಾಜುಗಳ ಇತ್ಯಾದಿ ದೋಷಗಳು ಕಂಡುಬಂದಲ್ಲಿ ಸದರಿ ದೋಷಗಳನ್ನು</p>

ಮಾಡುತ್ತಿರುವುದನ್ನು ಬಿ.ಎಂ.ಟಿ.ಸಿ ಯಾವ ರೀತಿಯಲ್ಲಿ ಸರಿಪಡಿಸುತ್ತದೆ?	ಸರಿಪಡಿಸಿ ಬಸ್ಸುಗಳನ್ನು ಆಚರಣೆ ಮಾಡಲಾಗುವುದು.
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ಸಂಖ್ಯೆ: ಟಿಡಿ 134 ಟಿಸಿಕಲ್ಯಾ 2022


(ಬಿ.ಶ್ರೀರಾಮುಲು)

ಸಾರಿಗೆ ಮತ್ತು ಪರಿಶಿಷ್ಟ ಪಂಗಡಗಳ
ಕಲ್ಯಾಣ ಸಚಿವರು

INTERNATIONAL CENTRE FOR AUTOMOTIVE TECHNOLOGY
[A Division of NATRIP Implementation Society (NATIS), Govt. of India]

C A Q B 0848

CERTIFICATE

Date : 16th September 2021

Part	Table 7	Dwg	Total
5	11 + 13	11	25

FOR

COMPLIANCE TO THE CENTRAL MOTOR VEHICLES RULES

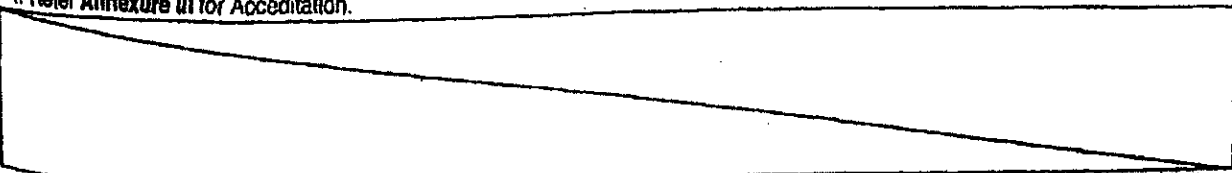
1. In order to establish compliance to the provisions of CMVR, 1989, applicable as on date, documentary verification / necessary testing was carried out, on the following Base model, submitted by the vehicle manufacturer referred below:

Certificate Reference		Vehicle Manufacturer		
Current Certificate		M/s. JBM AUTO LTD. Plant : Mathura/Faridabad		
Model/ Type		Electric Motor		
Permanent Magnet Synchronous Motor AC 3 Phase (LSM170C-HV2200-A2)		Power	Manufacturer	
		144.71 kW @ 1500 rpm	M/s. DANA TM4 India Pvt. Ltd.	
Base Model	Type & Category	Seating Capacity	Standee Capacity	GVW (kg)
ECOLIFE-9HFN	Fully Built Electric Bus -M3 (Type-1)	33+D	9	13425




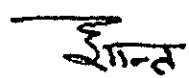
1a Brief technical specifications (TAT07/ECOLIFE-BMTC/2021-22 Rev00, TAT11/ECOLIFE-BMTC/2021-22 Rev00, TAT13/ECOLIFE-BMTC/2021-22 Rev00 dated 01.08.2021) of the Base model as declared by the vehicle manufacturer are enclosed with this certificate. Detailed specifications (TAT02/ECOLIFE-BMTC/2021-22 Rev00, TAT03/ECOLIFE-BMTC/2021-22 Rev00, TAT05/ECOLIFE-BMTC/2021-22 Rev00, TAT06/ECOLIFE-BMTC/2021-22 Rev00, TAT22/ECOLIFE-BMTC/2021-22 Rev00, TAT22B/ECOLIFE-BMTC/2021-22 Rev00 dated 01.08.2021) of the Base model are also separately issued to the vehicle manufacturer.

- It is certified that the above Base model comply with the provisions of the CMVR, 1989, as amended up-to-date, including requirements given in Annexure II (as detailed in ANNEXURE - I, IA & IB):
- This Certificate is issued as per CMV Rule 126, to establish compliance with the Central Motor Vehicles Rules, 1989, and shall not be construed as a certificate of compliance to any rules other than those listed in ANNEXURE - I, IA, IB & II. Compliance to these rules has been verified based on the use of specific components / parts / assemblies etc. details of which are given in the detailed specifications duly endorsed by ICAT as mentioned at Para. 1a above, it is the vehicle manufacturer's responsibility to ensure fitment of same components / parts / assemblies etc. before submission of the vehicle for registration.

4. Refer Annexure III for Accreditation.



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AUTHORISED SIGNATORY				
 PRASHANT VIJAY DEPUTY GENERAL MANAGER	DINESH TYAGI DIRECTOR			

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Date : 16th September 2021

ANNEXURE - I

Sl. No.	IS	Standard	Compliance Verified For
93	(1), (2), (4), (6) & (7)	Overall dimension of motor vehicles	
94	(1), (2) & (3)	Condition of tyres	
95	(1), (2), (3), (4), (5), (6) (i) & (iii) (rubelless)	Front	255/70R 22.5 - 16 PR (Single)
		Rear	255/70R 22.5 - 16 PR (Dual)
		Make	M/s. JK Tyre/ Ceat
96	(4)(ii)	AUTOMOTIVE VEHICLES - UNIFORM PROVISIONS CONCERNING THE APPROVAL OF VEHICLES OF CATEGORIES M, N AND T WITH REGARD TO BRAKING	
		IS-11948:2010	Sleeping Gear
98	(1), (2), (3)	Turning Circle Diameter	IS-12222:2011
99		Forward and backward motion	IS 2553 (Part 2) (Revision 1): 2018
100	(1), (2), (3) & (4)	Safety glass	IS 15802:2008
101	(1) & (2)(ii)	Windscreen wiper	
102	(1) & (2)	Signalling devices, direction indicators and stop lights	
103	(1) & (2)	Position of the indicator	AIS-057 (Rev. 1): 2010
104	(1), (2), (4) & (5)	Filament of reflectors	
105	(1) (a), (2), (3), (4), (5) & (7)	Lamps	
106	(1)	Deflection of lights	
107	-	Top Lights	
108	(1)	Use of red or white lights	
109	-	Parking light	
111	-	Prohibition of spillights etc.	
117	(1) & (2)	Speedometer	IS-11827:2008
118	(1), (2) & (3)	Speed Governor (Exempted under Provisions of Rule 118-Sub-Rule(1) of the Central Motor Vehicles Rules, vide Notification No. G.S.R 290(E) dt. 15.04.2015)	AIS-018:2001

ICAT No. No.	2021 - 0718 (IOCS Ref. 151685)
ICAT Report No.	ARAI/AED/20202021/3000013617/CT/0546 dt. 28.09.2020 with CORRIGENDUM-1 dt. 16.09.2021
ICAT Report No.	CTOVC1050 dated 09.09.2021
ICAT Report No.	CTOVC1051 dated 09.09.2021
AUTHORISED SIGNATORY	
DEPUTY GENERAL MANAGER	PRASHANT VIJAY
DIRECTOR	DINESH TYAGI



Page 2 of 5
ICAT



ANNEXURE - I
(Contd.)

Date : 16th September 2021

Sl. No.	Particulars	Compliance Verified For		Standard
		Limit	Observed	
119	(1) & (2)	Horns	Installation	IS-15798:2008
			87 dB(A) to 112 dB(A)	
120	(1)		Performance	IS-1884:1993
	(2)	Pass by Noise	90.1 dB (A)	
122	(1) & (2)		Silencers	IS-3028:1998
			78 dB(A)	
124	(1) & (2)		75 dB(A)	AIS-085:2005
	Refer Annexure-IA & IB	Embossment of chassis number & engine number & month of manufacture (Ref: Table 11 of the Technical Specifications)		
125	1(A)	Safety standards of components as applicable		IS:14812-2005
	(6)(For M2, M3, N1, N2 & N3)	Rear Under Run Protective Device		
	(1) & (2)	Vehicle Lateral Protection Side		IS: 14882-2004
	(10)	Safety Belt, Seats & their Anchorages, Head Restraints		
	H(1, 2 & 3)	Rear View Mirror	Specifications	AIS-023:2005
			Installation	
138	(4) (c)	Additional Safety features for Category M & N Vehicles		AIS-001 (Part 1) (Rev.1): 2011
		Intelligent transportation systems		AIS-002 (Part 1) (Rev.1): 2011
		Warning Triangles- Size & Specifications		AIS-145:2017
		Warning Triangles- Installation		AIS 140:2016
				AIS-022:2001

ANNEXURE - IA

Sl. No.	Parts / Components / Assemblies	Standard	Particulars (IS Category)
1	Automobiles lamps (bulbs)	AIS-034 (Part 1) (Rev.1)-2010	✓
2	Hydraulic brake hose (if fitted)	IS-7079:2008	NA
3	Hydraulic brake fluid (if fitted)	IS:8654-2001	NA
8	Wheel Rims	IS:9438-1980	✓
11	External Projections	IS:13942-1994	✓
12	Retention and release of windows (Passenger Vehicles)	IS:13944-1994	✓
14	Wheel Nuts, Disc & Hub Caps	IS:13941-1994	✓
15	Accelerator Control System	IS:14283-1995	✓
16	Door Locks and Door Retention Components	IS:14225-1995	✓
17	Hood Latch	IS:14226-1995	NA
18	Tell Tale symbols and control	AIS 071-2009 (Part 1 & Part 2)	✓
20	Installation of Lighting/ Signalling Devices	Performance Requirements	✓
		With Vertical Orientation	✓
20 (a)	Main-beam and dipped-beam headlamps	AIS-010 (Part 1) (Rev.1):2010	✓
20 (b)		Front fog lamps	✓
		AIS-012 (Part 1) (Rev.1):2011	✓

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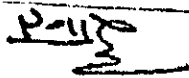
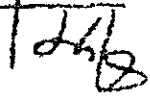
PRASHANT VIJAY
DEPUTY GENERAL MANAGER



DINESH TYAGI
DIRECTOR



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Page 4 of 5		DEPUTY GENERAL MANAGER PRASHANT VIJAY 	DIRECTOR DINESH TYAGI 
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125 C (1)	Body Building and Approval	Additional Requirements for Bus Construction
✓	AIS:052 (Revision 1) 2008 - Phase I	AIS:153-2018
✓	AIS:052 (Revision 1) 2008 - Phase II	
Additional Compliance to GSR 367 as amended by GSR 246 & 287 (E) as amended by GSR 895(E)		

Sl. No.	Part / Components / Assemblies	Standard	Compliance
20 (1)(c)	Rear fog lamps	AIS-012 (Part 2) (Rev.1):2011	NA
20 (1)(d)	Cornering Lamps	AIS-012 (Part 3) (Rev.1):2011	NA
20 (1)(e)	Rear registration plates (mark) illuminating lamps	AIS-012 (Part 4) (Rev.1):2011	✓
20 (1)(e)	Direction indicators	AIS-012 (Part 5) (Rev.1):2011	✓
20 (1)(f)	Front and rear position (side) lamps, stop-lamps and end-outline marker lamps	AIS-012 (Part 6) (Rev.1): 2011	✓
20 (1)(g)	Reversing lamps	AIS-012 (Part 7) (Rev.1):2011	✓
20 (1)(h)	Parking lamps	AIS-012 (Part 8) (Rev.1):2011	✓
20 (1)(i)	Side-marker lamps	AIS-012 (Part 9) (Rev.1):2011	✓
20 (1)(j)	Daytime running lamps	AIS-012 (Part 10) (Rev.1):2011	NA
21 (b)	Electromagnetic compatibility of motor vehicles	AIS-004:2009 (Part - 3)	✓
23	Gradeability	AIS-003-1999	✓
26(a)	Constructional and Functional Safety of BOV (Exempted for protection against water effects tests)	AIS-038 (Rev.1):2015	✓
27	Measurement of Electrical Energy Consumption	AIS-039 (Rev.1):2015	✓
28	Measurement of Range	AIS-40 (Rev.1):2015	✓
28	Measurement of Net Power & max.30 min. Power & Speed	AIS-041 (Rev.1):2015	✓
30	Type Approval of Battery Operated Vehicles	AIS-049/2003 (excluding Clause 2 & 3 of Annex D)	✓
36	The strength of superstructure of passenger vehicle	AIS:031-2004	NA
37	Flammability Requirements (M3 category above 22 seater)	IS: 15061-2002	✓
38	c) The interior fittings on automotive vehicles of M2, M3, N1, N2 and N3 categories	AIS:047-2009	✓
40	Interior Noise Level Requirements	IS 12832-2010	✓
42	Requirement of Handhold fitted on L5, M and N categories of vehicles	AIS:046-2005	✓
49	Traction batteries used in battery operated vehicles	AIS-048-2009	✓
51	Protective devices against unauthorised use for M and N category vehicles	AIS-075-2006	✓
52	Approval of Vehicle Alarm Systems (VAS) for M1 and N1 Category of Vehicles and of these Vehicles with regard to their Alarm Systems (AS)	AIS-076-2007	NA

CAOB 0848

ANNEXURE - IA(Contd.)

Date : 16th September 2021



GAQB 0848

ANNEXURE - IB

Date : 16th September 2021

Compliance Verified For		Definitions - category of vehicle	Standard	Effective Date
2 (D)		Retro Reflective Tape (M2 and M3 Category)	M3	
104 (1)	The procedure for Type Approval and establishing Conformity of Production for components	Safety Glass/Tyres / Horn	AIS-053:2005 AIS-080:2005 AIS-037:2004**	12.11.2008
		Bulbs/Safety Belt/Wheel rims/ Lighting and light Signaling Devices / Retro-Reflectors / Warning Triangles		01.10.2009
		Door Locks and Door Retention component & Reflective Tapes		01.04.2009
				01.10.2009
				01.04.2010

Compliance needs to be established for Type approval /Conformity of Production for components, listed in the notification as specified dates.

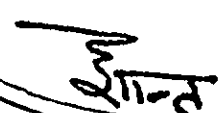
ANNEXURE - II

Standards	Notification	Date	Effective From	Applicable Category
Noise Limits	GSR 111(E)	10.02.2004	01.04.2005	120 (2)
	G.S.R 367 (E)	13.04.2018		
Special Requirements for Bus Construction	G.S.R 246(E)	29.03.2019	01.04.2019	125-C ((7)(a),(b))
	GSR 895(E)	20.09.2018		
Type Approval and approval	SO 1365(E)	13.12.2004	Notified Dates	ANNEXURE - V ANNEXURE - W ANNEXURE - IB
	GSR 589(E)	16.09.2005		
	SO 1431(E)	20.08.2007		
	GSR 784(E)	12.11.2008		
	SO 2714(E)	04.11.2010		
	GSR 290(E)	15.04.2015		
	SO 436(E)	15.03.2012		
	GSR 291(E)	24.04.2014		
	GSR 225(E)	26.03.2015		
	SO 411(E)	09.02.2016		
	GSR 389 (E)	09.06.2014		
	S.O 451 (E)	30.03.2005		
	GSR 1483 (E)	27.11.2017		
	GSR 1192 (E)	10.12.2018		
	S.O 2210 (E)	01.06.2018		
	S.O 6108 (E)	10.12.2018		
	GSR 1225 (E)	20.12.2018		
	GSR 173 (E)	01.03.2019		
	GSR 457 (E)	20.07.2020		
	SO 1407(E)	30.03.2021		

ANNEXURE-III

Name & Address	Accreditation Certificate No.
M/s JBM Auto Limited Plant 1 : Plot no. 118, HSIIDC Industrial Estate. Sec- 59, Ballabgarh, Faridabad - 121 004 Plant 2 : Plot No. A-4, Industrial Area, Kotwan, Kosi Kalan, Mathura, (UP)-281403	CIRT/ACCREDITATION/2014/92 Renewal no.2 Dated: 24.07.2020

APPROVED SIGNATORY



PRASHANT VIJAY
DEPUTY GENERAL MANAGER





DINESH TYAGI
DIRECTOR