

ANNEXURE - II

Rule No.	Sub Rule(s)	Compliance Verified For		Standard
93	(1A)(IV), 1B, 2 & 4	Motor Vehicle Width, Length and Height:		-
94	(1), (2) & (3)	Condition of tyres		-
95	(2), (2A), (3),(4) & (5)	Size & ply rating of tyres		-
		Front / Rear	14 X 24, 12PR & 14 X 24, 16PR	
			1. CAMSO 2. ASCENSO 3. BKT 4. JK TYRES 5. CEAT 6. APPOLLO	
96-A	(1), (2), (3), (4), (5), (6) & (7)	Brakes for Construction Equipment Vehicles		AIS -143 - 2017
98-A	(1)	Steering Gears for construction equipment vehicles		-
	(2)	Turning circle diameter		IS/ISO - 7457:1997
	(3)	Steering effort		AIS -144 - 2018
99	-	Forward and backward motion		-
100	(3)	Safety Glass		IS:2553 (Part 2)(Revision1):2019
101	(2A)	Windscreen Wiper		-
102	(1) & (3)	Signaling devices, direction indicators and stop lights		-
103	(1) & (2)	Position of the indicator		-
104-A	(i), (ii), (iii), (iv), (v), (vi) & (vii)	Fitment of reflectors on Construction Equipment Vehicles		AIS-057 (Rev. 1): 2010
105	(1)(d), (2) (ii), (3)(A), (6), (7) & (8A)	Lamps		-
106	(1)	Deflection of lights		-
107-A	-	Implement Lights for Construction Equipment Vehicles		Not Applicable
108-A	-	Use of red or white light for Construction Equipment Vehicles		-
109	-	Parking light		-
111	-	Prohibition of spotlights etc.		-
114	(1) & (2)	Exhaust gases and exhaust pipes		-
115	(9)	Emission of smoke, vapour, etc. from Construction Equipment Vehicles		AIS -137 (Part 7- A2)
115-A	(10)			
117	(1) & (3)	Speedometer		IS 11827:2008
119	(1) & (3)	Horns		IS 1884:1993
ICAT Ref No.		2024-1289 (IOCS No. 180074)		
Engine Certificate No.		CT0ES 0527 Dt. 11.12.2023		
Noise Report No.		CT0VU 0371 Dt. 25.02.2025 & ARAI/VEL/2021-2022/TA/4400029300/1530 Dt. 04.02.2022		
AUTHORISED SIGNATORY				Page 2 of 4
JAYWANT HARDIKAR HEAD-CMVR		SAURABH DALELA DIRECTOR		

ANNEXURE - I
(Contd.)Date : 19th March 2025

Rule No.	Sub Rule(s)	Compliance Verified For		Standard	
120	-	Silencers		*	
	(6)	NOISE	Operator Ear Level	-	
			Limit Measured		
			90 dB(A) 81 dB(A)	IS/ISO 6394 - 2008	
			85 dB(A) 81 dB(A)	IS/ISO 6396 - 2008	
			Pass by Noise	-	
			Limit Measured		
			119 dB(A) 105 dB(A)		IS/ISO 6393 - 2008
			111 dB(A) 102 dB(A)		IS/ISO 6395 - 2008
*To be verified after notification for applicability of the respective rules					
121	(1)	Painting of Motor Vehicles		-	
122	(1A) & (2)	Embossment of the Chassis Number and Engine Number and date of manufacture		AIS:136 - 2015	
124	Refer ANNEXURE - IA Refer ANNEXURE - IB	Safety standards of components		Refer ANNEXURE - IA Refer ANNEXURE - IB	
124-C	-	Safety Requirements for construction equipment vehicles		AIS -160 (Part 1 & Part 2)	
125-A	-	Safety belt, etc. for construction equipment vehicles		-	

ANNEXURE - IA

Rule 124 (1) Sr. No.	Parts / Components / Assemblies	Standard	CEV ("C" Category)
(1)(b) & (c)	Automobiles lamps (bulbs)	AIS-034 (Part 1) (Rev.1):2010	✓
(2)	Hydraulic Brake Hose (if fitted)	-	✓
(3)	Hydraulic Brake Fluid (if fitted)	-	✓
(18)	Identification of Controls, Tell-Tales and Indicators and Control Location and Operation Requirements	AIS:071 (Part 1 & Part 2) - 2009	✓
(20)	Performance of Lighting and Light Signalling System	SS15.1 & AIS-062 (Rev.1):2014	✓

ANNEXURE - IB

CMV Rule	Compliance Verified For		Standard	Effective Date
2 (cab)	Definitions – category of vehicle	C	IS 14272: 2011	--
124 (4)	The procedure for Type Approval and establishing Conformity of Production for components	Horn / Safety Glass	AIS-037:2004	01.04.2009
		Bulb		01.10.2009
		Lighting and Light Signaling Devices / Retro-Reflectors		01.04.2010

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ANNEXURE - II

Standards	Notification	Date	Effective From	Applicable CMVR
Applicability for the respective CMV Rules Notified.	GSR 116(E)	27.02.2002	Notified Dates	ANNEXURE – I/ ANNEXURE – IA/ ANNEXURE – IB
	GSR 242(E)	28.03.2002		
	GSR 642(E)	28.07.2000		
Automobile lamps used in construction equipment vehicles	S.O. 1365(E)	13.12.2004		
	S.O. 451(E)	30.03.2005		
	GSR 589(E)	16.09.2005		
Safety standards of components for CEVs & Height of the chassis number embossed	GSR 784(E)	12.11.2008		
Identification of Controls, Tell-Tales and Indicators & Control Location & Operation Requirements, Performance of Lighting and Light Signalling System	S.O. 436(E)	15.03.2012		
Deflection of lights	GSR 291(E)	24.04.2014		
Vehicles the identification number	GSR 133(E)	29.01.2016		
Filament lamp or light source	S.O. 6108(E)	10.12.2018		
Fitment of reflectors on CEVs	GSR 1192(E)	10.12.2018		
Overall dimensions of CEVs	GSR 414(E)	26.06.2020		
Safety Glass	GSR 457(E)	20.07.2020		
Emission from Construction Equipment Vehicles	GSR 598(E)	30.09.2020		
Standards w.r.t Construction Equipment Vehicles (CEVs) Notified	GSR 673(E)	27.10.2020		
	GSR 163(E)	07.03.2024		
Exhaust gases and exhaust pipes	GSR 240(E)	31.03.2021		
Dimensions	GSR 435(E)	18.06.2021		
Dimensions	GSR 435(E)	18.06.2021		

ANNEXURE - III

Base Model	ULW (kg)	Seating Capacity	Type & Category
MG 985 HD	16620	1	Motor Grader & 'C'

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JAYWANT HARDIKAR HEAD-CMVR		SAURABH DALELA DIRECTOR	Page 4 of 4