

No. C3/16707/TC /2013

Transport Commissionerate
Kerala, Thiruvananthapuram
Dated: 22.07.2013

From

The Transport Commissioner
Thiruvananthapuram.

To

All Deputy Transport Commissioners,
All Regional Transport Officers,
All Joint Regional Transport Officers.

Sir,

Sub:- M.Vs.Dept - Approval for Registration of Eicher 10.75 C (20+D) Bus
& their Variants Manufactured by M/s VE Commercial Vehicles Ltd - copy of
certificates forwarding of reg.

Ref:- 1.Request dated 0507.2013 from M/s VE Commercial Vehicles ,Cochin
2.Certificate No. AAFN 0179 E01 dtd 02.05.2012 of ARAI

M/s VE Commercial Vehicles , Cochin in their letter dated 05.07.2013 has requested to
grant approval for the registration of the following vehicles Manufactured by M/s VE Commercial
Vehicles Ltd.

1. Eicher 10.75 C (20+D) Bus
2. Eicher 10.75 E (28+D) Bus
3. Eicher 10.75 E Cowl & Chassis (Face/Without Face)
4. Eicher 10.75 H (32+D) Bus
5. Eicher 10.75 H Cowl & Chassis (Face/Without Face)
6. Eicher 10.90 L (40+D) Bus
7. Eicher 10.90 L Cowl & Chassis (Face/Without Face)

The Automotive Research Association of India has granted approval to above vehicles
vide reference 2nd cited regarding the changes in technical specifications and certified that the
vehicles comply with the CMV Rules 1989. The details of ARAI Certificate has been communicated
to you by e-mail and also published in the official website.

All the Registering Authorities and Additional Registering Authorities are directed to
register the vehicles specified in Annexure I of the ARAI Certificates subject to the compliance of
CMV Rules, 1989 as amended up-to-date. They are also directed to verify the compliance of
provisions of Act and Rules other than those mentioned in the ARAI certificate. .

Yours faithfully,

Sd/-

Joint Transport Commissioner
For Transport Commissioner

Copy to M/s VE Commercial Vehicles, MS & S Center, D No. 35/1947 A, Sabarmathi
Road, Palarivattom, Cochin-682025 for information

Approved for Issue

Senior Superintendent

12/7

A A F N 0179 E01

Date: 2nd May 2012

EXTENSION-1

Cert	Brief	Drg.	Total
2	5	9	17 Pgs

To

CERTIFICATE FOR COMPLIANCE TO THE CENTRAL MOTOR VEHICLES RULES.

Based on the verification of documents and tests conducted on the following specific variants of the base model "EICHER 10.75 C (20+D) BUS" with 7450 kg GVW, manufactured by M/s. VE Commercial Vehicles Ltd., (A Volvo Group & Eicher Motors Joint Venture), 102, Industrial Area No. 1, Pitampur-454775, Dist. - Dhar (M.P.), it is declared that the compliance to the provisions of the Central Motor Vehicles Rules, 1989, as per the certificate referred in ANNEXURE-I, is also applicable to the endorsed changes in technical specifications.

	VARIANTS	Wheel Base (mm)	Seating Capacity (incl. Driver)	GVW (kg)
1	EICHER 10.75 C (20+D) BUS	3515	29 Persons	7450
2	EICHER 10.75 E Cowl & Chassis (Face/Without Face)	3515	1 Person	7450
3	EICHER 10.75 H (32+D) BUS	4265	33 Persons	7450
4	EICHER 10.75 H Cowl & Chassis (Face/Without Face)	4265	1 Person	7450
5	EICHER 10.90 L (40+D) BUS	5165	41 Persons	8850
6	EICHER 10.90 L Cowl & Chassis (Face/Without Face)	5165	1 Person	8850

2. The changes in the Technical Specifications of the above variants, as declared by the vehicle manufacturer, are given in ANNEXURE-I.

3. Further ARAI issues Type Approval Certificates for vehicles / components / parts / assemblies etc. based on the documents produced & submitted by the customer and on these basis, the vehicles are examined and if approved, the certificate is issued. ARAI is in no way responsible for any misuse or copying of any design / type / system in connection with entire vehicle / components / parts and assemblies. Breach of any statutory provision of Indian laws or laws of other countries, will be the sole responsibility of the customer and ARAI shall not be liable for any claims or damages, made by the party, whatsoever, the customer shall alone be liable for the same, and undertakes to indemnify ARAI in this regard. Further, the ARAI has the right to initiate cancellation / withdrawal of the certificate issued, in case of any fraud, misrepresentation, when it surfaces and comes in the knowledge of ARAI. The appropriate local courts at Pune shall have the jurisdiction in respect of any dispute, claim or liability arising out of this certificate / Report.

AUTHORISED SIGNATORY,

19 JUN 2012

AUTHORISED SIGNATORY,

Mrs. RASHMI URDHWARESHE,
SR. DEPUTY DIRECTOR,
HOMOLOGATION MANAGEMENT & REGULATION
ARAI, PUNE.
Place of Issue: Pune.



D. J. KULKARNI,
SR. DEPUTY DIRECTOR,
BDGP, ARAI, PUNE.

Page 1 of 2

Reference Certificate	A	A	F	N	0179 F01	dt. 22.07.2010	APX/2010-2011/179	APX/12-13/4603 for E01
	A	A	F	N	0179 V01	dt. 21.03.2012	APX/2011-2012/4490	

D. B. PUJARI
NOTARY (Advocate)



Regd. Office: S. No. 102, Vetal Hill, CIT Road, Kolhapur - 415 008 (India) Postal Address: P. B. No. 832, Pune - 411 004 (India)
Reg. No. M.P. No. 991-20-9023 (11) Fax: +91-20-2023 1104, Email: director@araiindia.com
Website: www.araiindia.com

A A F N 0179 E01

Date: 2nd May 2012

ANNEXURE-I
To
EXTENSION-1
To

CERTIFICATE FOR COMPLIANCE TO THE CENTRAL MOTOR VEHICLES RULES.

DETAILS OF CHANGE IN TECHNICAL SPECIFICATION							
1	M/s. VE Commercial Vehicles Ltd., (A Volvo Group & Eicher Motors Joint Venture), 102, Industrial Area No. 1, Pithampur-454775, Dist. - Dhar (M.P.)						
2	CMVR Certificate No.		Date	Specification No.			
2.1	A	A	F	N	0179 F01	22.07.2010	No. 75-90CRS41Pgri10101101 Rev.-02 No. 75-90CRS41Pgri10101102, 03, 04, 05 & 06 Rev.-02
	A	A	F	N	0179 V01	21.03.2012	No. 75-90CRS41Pgri12101101 Rev:3_Add Variant No. 75-90BS31Pgri12101110 Rev:3 Add Variant
Valid Extension			E01				
3	3.1	Dated		02.05.2012			
	3.2	Specifications Revision		Refer specification no. under clause 5.			
4	Nature of Change:		Change in vehicle dimensions and unladen weights within limit.				
5	Changes in the Specifications						
	Sr. No.	Specifications	Description	Parameter (Earlier)	Parameter (New Extension)		
	5.1	Specifications as mentioned in Table-12	Respective clauses as per Table-12	As per earlier specifications No. No. 75-90CRS41Pgri12101101 Rev:3 Add Variant No. 75-90BS31Pgri12101110 Rev:3 Add Variant	Changes as per modified Table 12 No. 75-90CRS41Pgri12101110 Rev:5 Dimn.Ctrrs & Specifications No. 75-90CRS41Pgri12101101 Rev:5 Dimn.Ctrrs (attached)		

AUTHORISED SIGNATORY,

AUTHORISED SIGNATORY,

Mrs. RASHMI URDHWARESHE,
SR. DEPUTY DIRECTOR,
HOMOLOGATION MANAGEMENT & REGULATION,
ARAI, PUNE.

D. J. KULKARNI,
SR. DEPUTY DIRECTOR,
BDCP, ARAI, PUNE.

Page 2 of 2

Reference Certificate	A	A	F	N	0179 F01	22.07.2010	APX/2010-2011/178	APX/12-13/4603 for E01
	A	A	F	N	0179 V01	21.03.2012	APX/2011-2012/4490	

ATTESTED

D. B. PUJARI
NOTARY (Advocate)
23, Bhyad Nagar Main, INDORE-10
(M. P.) INDIA
Reg. No. B.B.10/31/12007124/020

Table 12 of AIS:007 (Revision 3)

Details of change in Technical Specification

1	Manufacturers name and address:		VE Commercial Vehicles Ltd., Industrial Area No.1, Pithampur-454775, Dist Dhar (M.P.) India	
2	Name of the model and variants:		EICHER 10.75 C (20+D) BUS Refer Annexure-I	
3	Reference earlier CMVR Certificate No.		Date	Specification No.
	3.1	AAFN 0179	10-Mar-10	--
	3.2	AAFN 0179 C01	17-Jun-10	--
	3.3	AAFN 0179 F01	21-July-10	--
	3.4	AAFN 0179 V01	21-Mar-12	--
4	Valid Extension			
	4.1	Dated	--	
	4.2	Specifications Revision	--	
5	Nature of Change:		Change in vehicle dimensions and unladen weights within limit	
6	Changes in the Specifications			
	Sr. No	Specifications and Clause No.	Description	Parameter (Earlier) Parameter (New Extension)
	1		Annexure I Variant No. 6	AP10519 AP10519 AP110083
	2		Annexure I Variant No. 11	CWC0001 CWC0001 AP110091
	3	Table 7 Annexure I	Annexure I Variant No. 19	AP10535 (2 Sheet) AP10535 (2 Sheet) AP110020
	4		Annexure I Variant No. 21	CWC0001 CWC0001 AP110098
	5		Annexure I Variant No. 29	AP10533 (2 Sheet) AP10533 (2 Sheet) AP110021
	6		Annexure I Variant No. 31	CWC0001 CWC0001 AP110099
7	Do the changes affect the compliance to CMVR? (Yes/No) No			
8	If yes, which provisions are affected? (Indicate the Rule No. and where applicable the number of standard) In case CEA is to be applied, for clearance without air or some tests, enclose the details as per Table 10. - NA			
9	Test report references for tests carried out for new specifications (if any) - NA			

Manufacturer: Signature, Name & Designation	Document No:	Test Agency: Signature, Name & Designation	Cert No:
VE Commercial Vehicles Ltd. (A Public Company & Listed on Stock Exchange) Shyam Bala Sr. Manager - PDD	75-90CRS4/Psgr12/0110 Rev:5 Dimn.Corr Sheet No : 1 of 1 Date : 28.03.2012	Mrs. Rashmi Urdhwarese Sr. Deputy Director REGISTRATION MANAGEMENT & REGULATION, ARAI PUNE	ARAI VEHICLE RESEARCH ASSOCIATION OF INDIA



BRIEF TECHNICAL SPECIFICATIONS FOR MOTOR VEHICLES

Manufacturer's name and address		VE Commercial Vehicles Ltd (A Volvo Group & Eicher Motors Joint Venture) 102, Industrial Area No. 1 Pithampur - 454775, Dist. - Dhar (M.P.)	
Importer's name and address (in case of CBU)		Not Applicable	
Country of origin, if imported		Not Applicable	
Vehicle data			
Basic model		EICHER 10.75 C (20+D) BUS	
Type (Brief description)		Fully Built-up Bus	
Category of the vehicle (as per AIS 053)		M3	
Variant(s)		Refer Annexure I	
Type (Brief description)		Bus Fully Built-up/Cow/ without windshield	
Category of variant(s)		M3	
Engine			
Make and Country of origin, if imported		VE Commercial Vehicle Ltd, Pithampur	
Model and identification		E483-CRS-70-4	
Type		4 stroke, DI, TCIC	
Bore x stroke, mm		100 X 105 mm	
No. of cylinders		4	
Displacement		3298 cc	
Compression ratio		17 : 1 (± 0.5)	
Max. Engine output, kW @ rpm		70 kW @ 2600 rpm	As per MOST
Max. Torque, Nm @ rpm		300 Nm @ 1600 - 1800 rpm	/TAP/115-116
Air cleaner type		Dry type	
Clutch			
Type		Single dry plate	
Gear box			
Make & Model		Eicher 3M5D	Option 35M5N
Type & Model		Manual, All forward gears are synchromesh.	
No. Of gears		5 forward & 1 reverse speed	
Gear ratio		1st	6.568
		2nd	3.815
		3rd	2.332
		4th	1.496
		5th	1.000
		Rev	6.289
Drive Axle (Front / Rear / All)		Rear	
Front axle ratio		-	
Rear axle ratio		5.285 (Option 4.7 & 4.33)	

Manufacturer: Signature, Name & Designation	Document No: 75-90CRS41Page 42 of 101 Rev: 5_Dim: Conc Sheet No : 1 of 6 Date : 28.03.2012	Test Agency: Signature, Name & Designation Yes. Ramesh Ordhwaresha Sr. Manager VE Commercial Vehicles Ltd Pithampur REGULATION, ARAI, JAL	Cert No: 
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S. R. PILLAI
NOTARY (Advocate)
13, Shyam Bhoje (Bldg. 1000000)
(B. P. J. 0000)
Reg. No. M.P.HK/21/2007/21-000

Table 7 of AIS: 007 (Revision 3)



Steering	Standard		Optional	
Type and brief description	Manual, Re-circulating, Ball & Nut type		Power, Re-circulating, Ball & Nut with integral Hydraulic Booster	
Steering wheel diameter, mm			420	
Ratio	26.5~30.5 (Variable)		18.8:1	
Frame				
Long member size, mm	C-Section: 181(Web) x 65(Flange) x 5(Thick) Option 210(Web) x 55(Flange) x 8(Thick)			
Number of cross members	C-W/B	E-W/B	F & H-W/B	K & L-W/B
	5	6	7	8
Suspension				
Type and brief description	Shock Absorbers & Leaf Springs			
Spring	Semi elliptical, laminated leaf spring			
Anti-roll bar	-			
Shock absorbers	Hydraulic double acting telescopic type in front & Rear.			
Brake	Standard		Option	
Service brake (Brief description)	Hydraulic Brake with Vacuum Servo Assistance		Full Air Brake	
ABS Fitted (Yes / No / Optional)			No	
Front (Disc / Drum)			Drum	
Rear (Disc / Drum)			Drum	
Total braking area, cm ²	2618		3160	
Parking brake	Internal Expanding Type at rear of transmission.		Part of service brake Acting at Rear Wheels	
Secondary brake	Un-fitted Part of service brake		Front only/Rear Only	
Wheels and tyres	Standard for All		Option for Air Brake	
Wheel rim size			6G x 16	
Tyre size designation including ply rating / load index / speed rating	7.50x16-16PR / Speed J / Single 1580 Dual 1390Kg		8.25x16-16PR /Speed J / Single 1845 Dual 1755Kg	
Tyre Type (Radial / Cross / Tube / Tubeless)			Cross / Tube	
Laden Tyre pressure (front & rear), kg/cm ²	Front & Rear(Both)=7.8		Front=5.6 & Rear=4.6	
Electrical system				
System voltage, V	12 V			
Battery rating, Ah *	12 V, 70 Ah (Option 12V, 130Ah)			
Wiper motor	Dual electric three speed (low, high & intermittent)			
Wiping system (Brief description)	2 blade with arms, operated by Auto electric motor on front windshield glass			

Manufacturer: Signature, Name & Designation	Document No: 75-90CRS4(Psgr12)01101 Rev:5_Dirn.Corr Sheet No : 2 of 6 Date : 28.03.2012	Test Agency: Signature, Name & Designation Mrs. Rashmi Bhawarshe Sr. Quality Director MONOLITHIC MANAGEMENT & CONSULTING, PUNE	Cert No: 
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S. B. PUJARI
NOTARY (Advocate)
23, Shyam Nagar, Noida, INDIA
(M. P.) INDIA
Cell. No. 911051/51297722-87



Fuel tank		
Material	SPCC-PB92	
Capacity, l	60Ltr (Optional 100lt or 200lt)	
Dimensions		
Wheel base, mm	Refer Annexure I	
Overall width, mm	Refer Annexure I	
Overall length, mm	Refer Annexure I	
Overall height, mm	Refer Annexure I	
Front track, mm	Hydraulic Brake = 1615 and Air Brake = 1645	
Rear track, mm	Hydraulic Brake = 1495 and Air Brake = 1525	
Min. ground clearance, mm	210	
Cargo box dimensions, mm	Not Applicable	
Load body platform area	Not Applicable	
Weights		
	10.75	10.90
Maximum GVW, kg, (for rigid vehicles)	7450	8850
Maximum GCW, kg (for articulated / combination vehicles)	Not Applicable	
Maximum FAW, kg	2210	3250
Maximum RAW, kg	5240	5600
Kerb weight with 90% fuel (with spare wheel, tools, etc.), kg	Refer Annexure I	
Maximum gradeability in 1 st gear	13.5°	9.6°
Seating		
Seating capacity	Refer Annexure I	
Sketch showing seating layout with dimensions	Enclosed. Refer drawing nos. in Annexure I	

Manufacturer: Signature, Name & Designation	Document No:	Test Agency: Signature, Name & Designation	Cert No:
VE Commercial Vehicles Ltd. at: Veeco Group, 16, 17 & 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 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623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000	75-90CRS4/Psgr1201101 Rev:5_Dimn.Corr:	 Mrs. Purnimi Uchawarshe Sr. Deputy Director HOMOLOGATION MANAGEMENT & REGULATION DIVISION	
Shyam Bate Sr. Manager - PDD	Sheet No : 3 of 5	- COPY	
	Date : 28.03.2012		

TRUE COPY
ATTESTED

D. B. PUJARI
NOTARY (Advocate)
23, Shyam Nagar Main, MOORE-16
(M. P.) INDIA
Reg. No. 84/14/2010/2012/14-16

Table 7 of AIS: 007 (Revision 3)

ANNEXURE - I

TECHNICAL SPECIFICATIONS OF 1075 & 1090 BSIV BUS VARIANTS



S. No	DESCRIPTION	Vehicle Layout	Wheel Base (mm)	Rear Overhang (mm)	Over all Dimension (mm)	Seating Capacity	Unladen Weights (kg)	Laden (GVW) (kg)
					Length Width Height	\$	UW FAW RAW	GVW FAW RAW
5	EICHER 10.75 C (20+D) BUS (Base Model)	AP10516	2815	1585	5405 2125 2750	21	3625 1517 2108	7450 2210 3200
5	EICHER 10.75 E (28+D) BUS	AP10519	3515	1345	6385 2125 2750	23	3630 1452 2178	7450 2210 3200
5	AP110063			2109	6629 2125 2800		4235 1760 2475	7450 2210 3200
6	AP110063			1302	5672 2032 2051		2050 1223 527	7450 2210 3200
6	AP110091			2025	6530 1965 1694.5		2140 1235 505	7450 2210 3200
19	AP10535			2559	7304 2132 2775		4230 1692 2538	7450 2210 3200
19	AP110020			2558	7903 2162 2800	33	4455 1890 2538	7450 2210 3200
21	AP110098			7628	2125		4365 1825 2540	7450 2210 3200
21	AP110098			1030	6970 1935 2061		2100 1250 596	7450 2210 3200
21	AP110092			2479	7749 2114 1472		2430 1360 1070	7450 2210 3200
29	AP10533			6344	2162 2800	41	5310 2165 3145	7450 2210 3200
29	AP110021			9344	2162 2825		5310 2120 3190	7450 2210 3200
29	AP110099			9289	2125 2800		5250 2060 3190	7450 2210 3200
31	AP110093			2473	6430 2032 2061		2647 1403 1084	7450 2210 3200
31	AP110093			2875	9045 2114 1472		2695 1460 1235	7450 2210 3200

dt. 02.05.2012

LEGENDS: # - To be verified after Body-Building (Weight of one person is considered as 68 kgs). -- Not Applicable, \$ - Maximum Seating Capacity.

Manufacturer: Signature, Name & Designation VE Commercial Vehicles Ltd. 4, Veda, C-109 & B-100, New Delhi-110001	Document No: 75-90CRS4Psgpt1201101 Rev.3, Dimm, Corr Sheet No : 4 of 8	Test Agency: Signature, Name & Designation	Cert No:
Se Manager - PDD	Date : 28.03.2012		



Details of location of VIN and code for month and year of manufacture as per rule 122 of CMVR.

Name of the Vehicle Manufacturer and Address:	VE Commercial Vehicles Ltd (A Volvo Group & Eicher Motors Joint Venture) 102, Industrial Area No. 1 Pithampur - 454775, Dist. - Dhar (M.P.)
Name of the Basic Model:	EICHER 10.75 C (20+D) BUS
Name of Variants, If Any:	Refer Annexure-I
Place of Embossing or Etching the Chassis Number (Supporting details by Drawing or pictures may be provided if necessary):	On the Left Frame, Near the front axle beam. For Drawing See Next Page..
Place of Embossing or Etching the Engine Number	On the Rear left of the Engine Crankcase.

Code for month and year of production (Both for VIN & Engine Numbers):

Code for month of production:		Code for year of production:			
Month	Code	Year	Code	Year	Code
January	A	2010	A	2025	T
February	B	2011	B	2026	U
March	C	2012	C	2027	V
April	D	2013	D	2028	W
May	E	2014	E	2029	X
June	F	2015	F	2030	Y
July	G	2016	G	2031	1
August	H	2017	H	2032	2
September	J	2018	J	2033	3
October	K	2019	K	2034	4
November	L	2020	L	2035	5
December	M	2021	M	2036	6
--	--	2022	N	2037	7
--	--	2023	P	2038	8
--	--	2024	R	2039	9

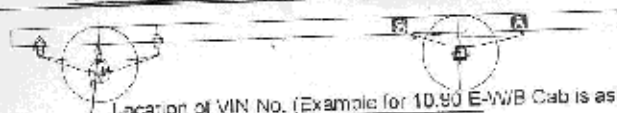
	VIN	Engine Number
Position of the code for month of production	11 th place digit	8 th place digits
Position of the code for year of production	10 th place digit	7 th place digit
Height of the Numbers	8 mm	8 mm

Example of Engine No.: - E 483 CD AA-500000

Example of VIN.: - MC2 17HRC 0 AA000000 for 10.90
MC2 17HRC 0 AA000000 for 10.75

Manufacturer: Signature, Name & Designation  Shyam Bala Sr. Manager - PDD	Document No: 75-90CRS4(Pgm)001 Rev: S_Dimn.Corro Sheet No : 5 of 6 Date : 28.03.2012	Test Agency: Signature, Name & Designation  Mrs. Rashmi Urdhwaresh Sr. Deputy Controller HOME LOGISTICS MANAGEMENT & CONTROL REGISTRATION & VEHICLE 22, Shyam 200 Reg. No. MP-454775-12-12	Car No:  ARAI THE AUTOMOTIVE RESEARCH ASSOCIATION OF INDIA
--	---	--	---

VIN & Engine No. punching system & its location on vehicle



Location of VIN No. (Example for 10.90 E-WB Cab is as follows).

WMI			VDS			VIS										
M	C	2	1	7	C	R	C	0	A	E	X	X	X	X	X	X

- WMI for VEDOL



Location of Engine No. (Details as follows)

F 4 B 3 C D 0 C 5 1 1 1 1
 FIS FIS

"EICHEN"

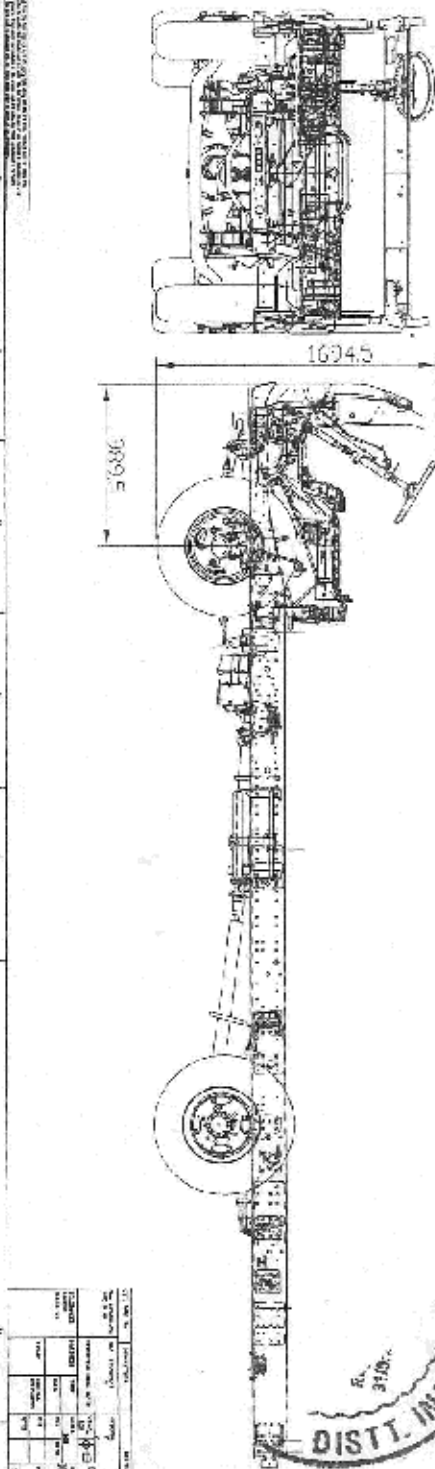
Manufacturer:
Signature, Name & Designation

VE Commercial Vehicles Ltd.
(a Veeco Group & Subsidiary of Veeco Limited)


Shyam Bute
Sr. Manager - FDO

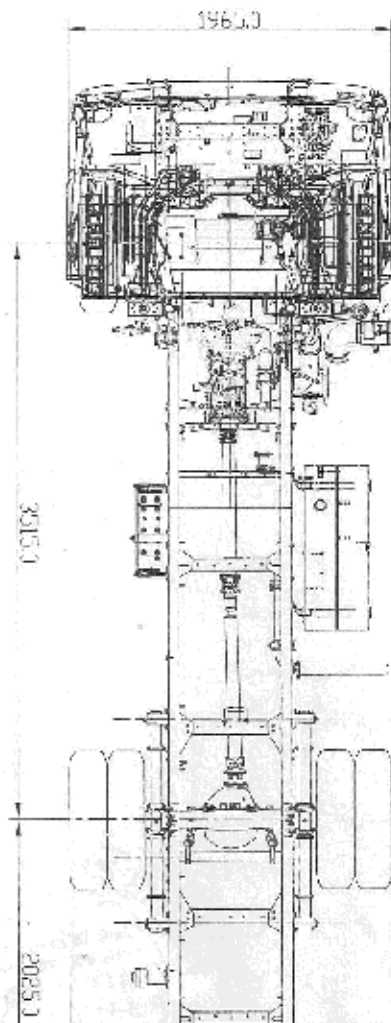
Document No: 75-90CRS-4 Page: 20101
Rev: 5 Disp. Cont
Sheet No : 6 of 6
Date : 28.03.2012

Tested By: M.S. Rashmi Urdhwarasthe
Signed by: Deputy Director
REGISTRATION MANAGER &
REGULATORY AFFAIRS UNIT



Sl. No.	Part Name	Qty	Remarks
1	Engine	1	
2	Transmission	1	
3	Front Suspension	1	
4	Rear Suspension	1	
5	Steering	1	
6	Brakes	1	
7	Wheels	4	
8	Chassis	1	
9	Body	1	
10	Paint	1	
11	Assembly	1	
12	Final	1	

3100
DIST. INDORE (N)

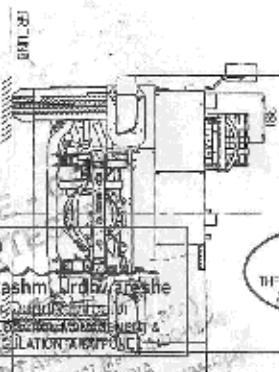
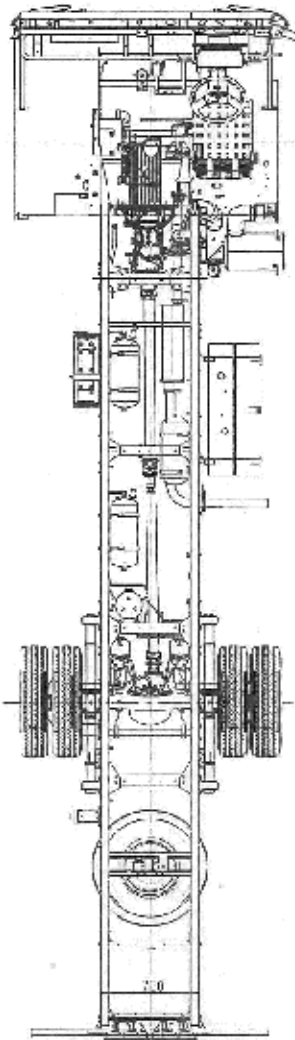
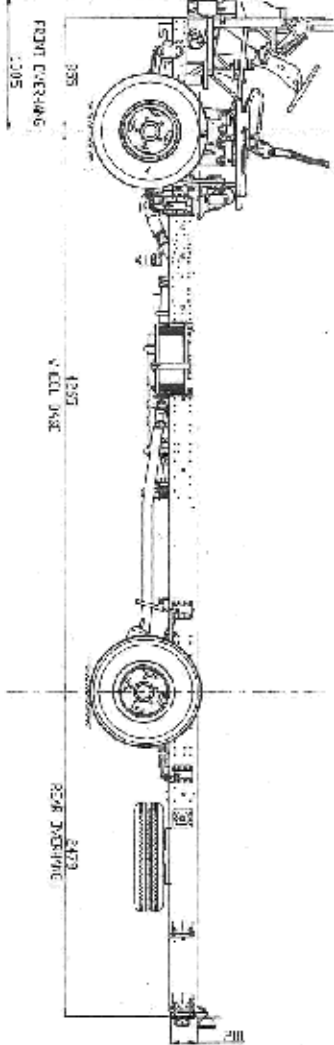


TRUE COPY
Mrs. Rashmi Udaya
OFF. EXEC. DIR.
HOMOLOGATION MANAGEMENT
REGULATORY DIVISION

ARAI
Automotive Research Association of India

D. B. P. S. S. S.
NOTARY (Advocate)
23/5, Vaidya Nagar, Indore-462010
IN P. INDOR

AAFN 0179 E01 dt. 02.05.2012

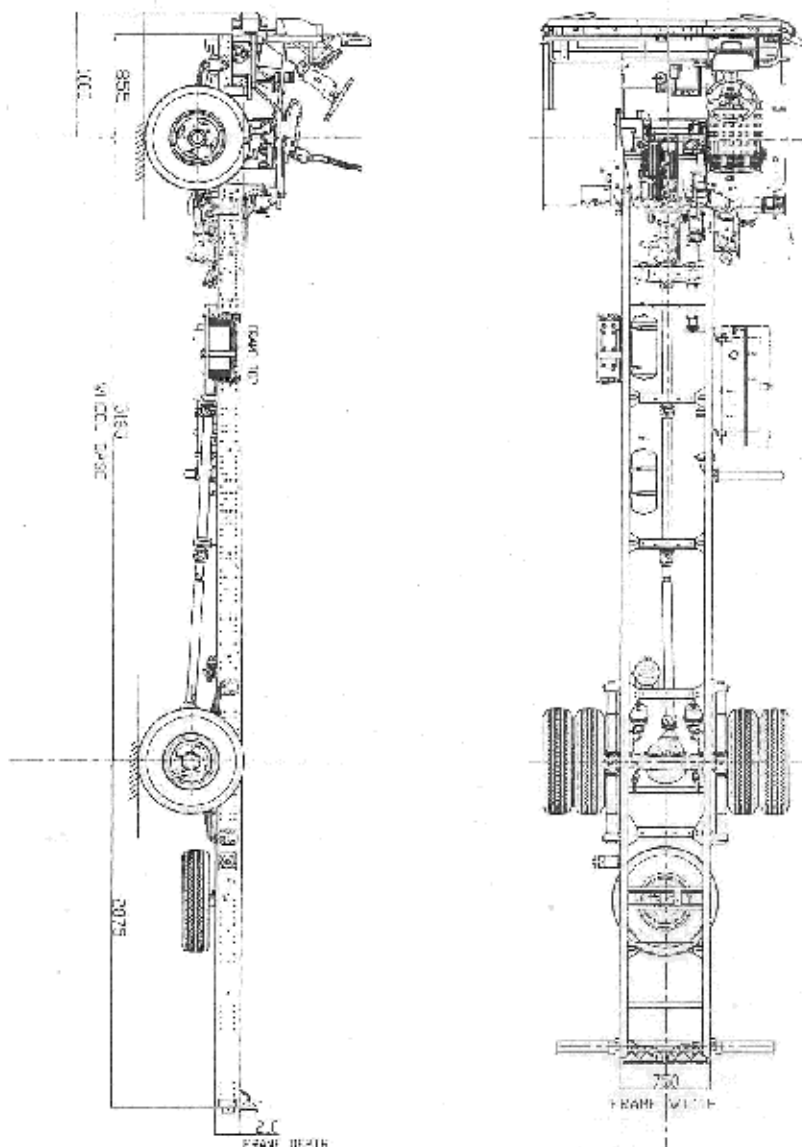


Sl. No.	Part Name	Qty	Remarks
1	Engine	1	
2	Transmission	1	
3	Front Suspension	1	
4	Rear Suspension	1	
5	Front Wheel	2	
6	Rear Wheel	2	
7	Chassis Frame	1	
8	Exhaust System	1	
9	Steering Gear	1	
10	Brake System	1	
11	Lighting System	1	
12	Wiring System	1	
13	Seat	2	
14	Door	2	
15	Hood	1	
16	Trunk	1	
17	Windshield	1	
18	Roof	1	
19	Floor	1	
20	Interior Trim	1	
21	Exterior Trim	1	
22	Paint	1	

INDORE

Mrs. Rashmi Urdhwarashe
Secretary
HONOLDS SCHOOL FOR MANAGEMENT & REGULATION NEW PUNE





TRUE COPY
ATTEST
NOTARY

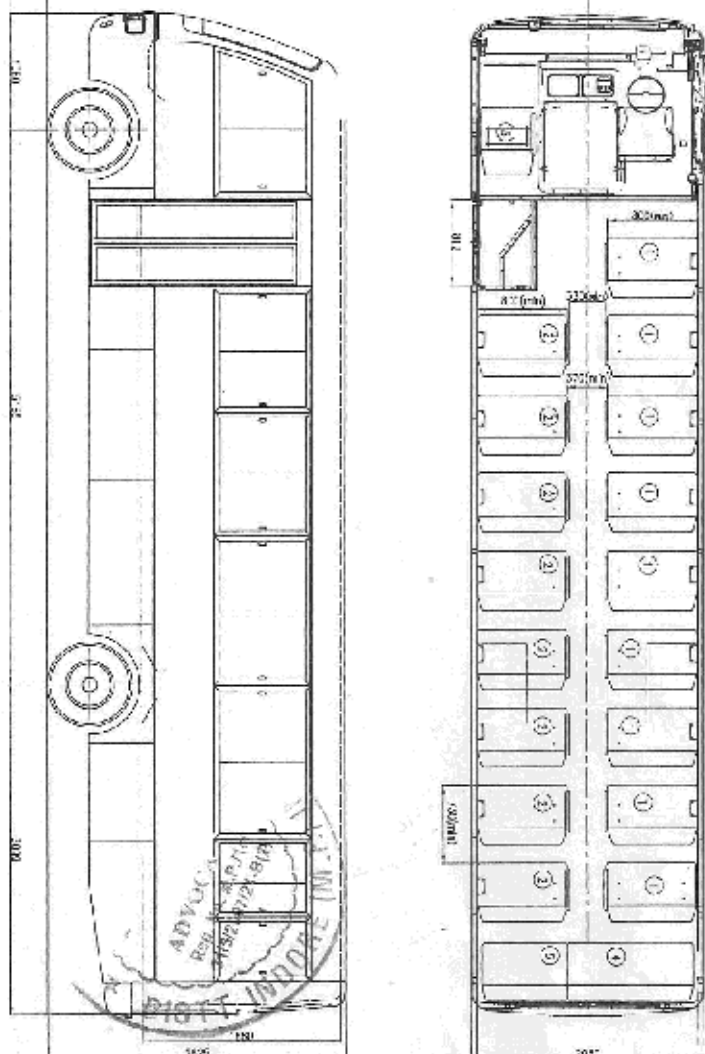
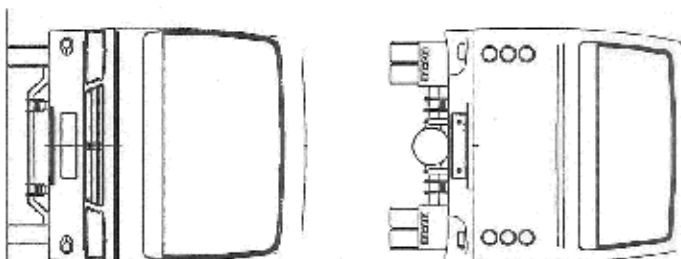
Mrs. Rashmi Undh...

H/O. CATION...

Reg. No. M.P.1980/...

AAFN 0179 E01 dt. 02.05.2012

0048 025717047
HO-22/13, UELN-1-12/02-021
024/73/025/27/00 2537



SECRET WITH ARM REST OTTOMAN

[illegible]

ALL CLOSINGS ARE IN PM

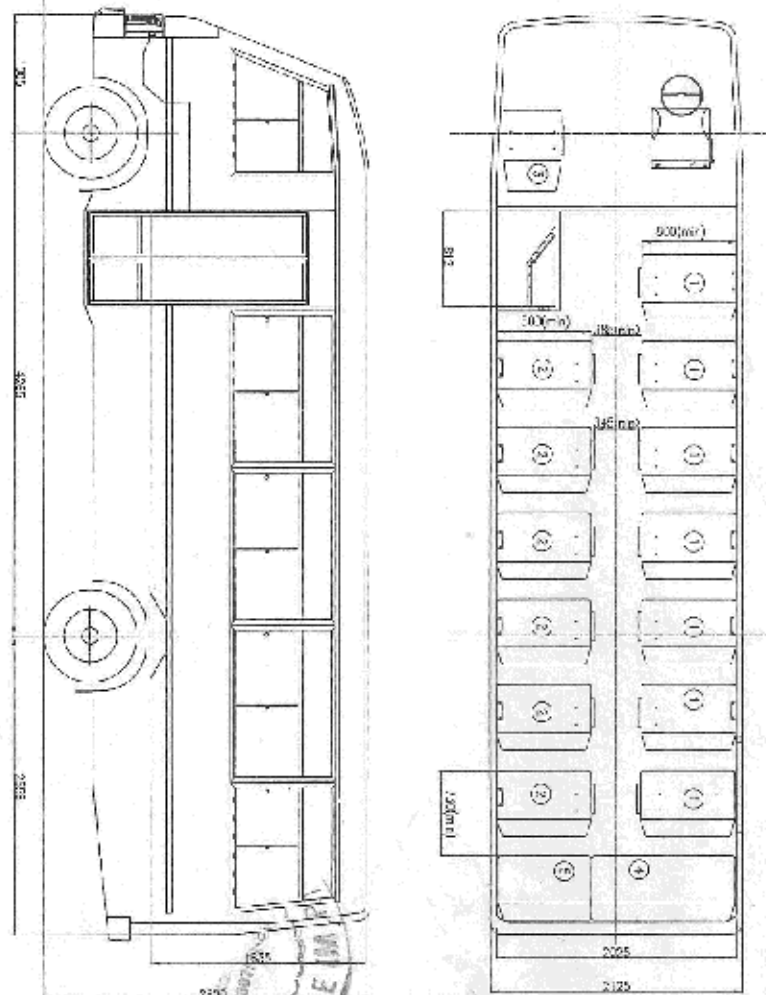
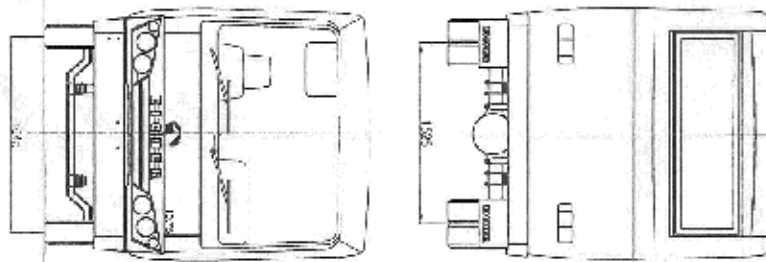
 BOMER	No. of particles / sample = Mean Count x Cell Factor x T Volume	
	Acidification	
	Capacity: 4 L/H	
Mixed bed	Seed Type:	
Increase by	F _{max} Chassis model "0.90 L	
Approved by	Drawing no.: A2-110321	

TRUE - *Copy*
ATTN: Mrs. Rashmi Urdhwarsheth
Sr. Deputy Director
HOMOLOGATION MANAGEMENT &
REGULATION ARAI PUNE

D. G. PUJARI

NOTARY (ADVOCATE)
23, Shyam Nagar Main, INDORE
INDIA
Reg. No. M.P.14/2751/2017 (2-1-2017)





SEAT WTH ARM REST OPTIONAL.

CHK. SEQUENC	TRF PART NO	EXP. DESCRIPTION
1	E39010010102	660 NO. 6515 64
2	E39010010102	660 NO. 6515 15
3	E39010010102	660 NO. 6515 15
4	E39010010102	660 NO. 6515 15
5	E39010010102	660 NO. 6515 15

ALL COWEYBACNS ARE IN NY

 Eaton is a Division of Eaton Corporation		VLT Drive for 2000 hp in the Group of Eaton Motor Drive Systems
Application		Capacity: 10-13
Speed by	V ₂	Feed Type
Control by	PLC	Control model 10-25-4
Approach by	EAB	Working no. 4P-110028

Mrs. Rashmi Urdhwarashe
Sr. Deputy Director
HOMOLOGATION MANAGEMENT &
REGULATION, ARAI PUNE

