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GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI  
TRANSPORT DEPARTMENT: OPERATION BRANCH  
5/9, UNDER HILL ROAD: DELHI - 110054.

No. F.23(522)/TPT/DC/OPS/2010/ 5747-50

Dated : 01.12.2015

**CIRCULAR**

The Competent Authority, Transport Department, Government of NCT of Delhi is pleased to allow the registration approval **Base Model - EICHER 10.90 CNG L SCHOOL BUS (49+1+D) & its variants** manufactured by M/s VE Commercial Vehicles Ltd. (A Volvo Group & Eicher Motors Joint Venture), 102, Industrial Area No. 1, Pithampur - 454775, (M.P.) in National Capital Territory of Delhi, as per the details contained in the Type Approval Certificate issued by designated testing agency ARAI, Pune for compliance to the Central Motor Vehicles Rules, 1989.

Base Model	Type & Category	Wheel base (mm)	Seating Capacity (Incl. Driver)	Gvw kgs
EICHER 10.90 CNG L SCHOOL BUS (49+1+D)	Fully Built up Bus - M3	5165	51 Persons	8850
<b>Variants :</b>				
1	EICHER 10.90 CNG L SCHOOL BUS (58+1+D)	Fully Built up Bus - M3	60 Persons	8850
2	EICHER 10.90 CNG L BUS (39+1+D)		41 Persons	
3	EICHER 10.90 CNG L Cowl & Chassis (Face / Without Face)		1 Person	
Certificate No. / date / agency		AAFA 0267 F02 dated 28/03/2015 issued by ARAI		
This certificate supercedes		AAFA 0267 F01 dt. 21.07.2010 AAFA 0267 V01 dt. 21.03.2013		
Type / Category		Fully Built up Bus / Cowl & Chassis - M3		
Engine (model / type)		E483-CNG-62-4, 4 cylinder, water cooled, Positive ignition, Naturally Aspirated Engine (CNG)		
Power		62 KW @ 3200 rpm (3298 cc)		
Tyres size / type		7.50x16-16PR, J (Single - 1580 kg, Dual-1390 kg) 8.25x16-16PR, J (Single - 1845 kg, Dual-1755 kg) (Cross / Tube) Make : Ceat / Apollo/ JK / MRF/ Birla		
Overall Dimensions (mm)		Refer Annexure - 1 to AAFA 0267 F02 dated 28/03/2015		
Vehicle manufacturer		M/s VE Commercial Vehicles Ltd. (A Volvo Group & Eicher Motors Joint Venture), 102, Industrial Area No. 1, Pithampur - 454775, (M.P.) Plant : Pithampur		
Engine manufacturer		M/s VE Commercial Vehicles Ltd. Plant : Pithampur		

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Details of CNG Cylinders							
CNG Cylinder	Option 1				Option 2		
Manufacturer / Type	M/s. Everest Kanto Cylinder Ltd., Tarapur / EKCT R80				M/s. Maruti Koatsu Cylinder Pvt. Ltd., Halol / MKC		
Capacity in Ltr.	60 Ltrs / 6 Nos	60 Ltrs / 8 Nos	120 Ltrs / 3 Nos	145 Ltrs / 3 Nos	160 Ltrs / 3 Nos.		
Details of Cylinder Valves							
Cylinder Valve	Option 1		Option 2	Option 3		Option 4	
Name of the manufacturer	M/s. Vanaz Engineers Ltd. Pune		M/s EMER	M/s OMB Saleri		M/s Rotarex	
Model Name / Identification	V-0146 / CM/ L 0258746		KR 102	BS 341		Y 841	
Details of Refilling Valves							
Refilling Valve	Option 1	Option 2	Option 3	Option 4	Option 5	Option 6	Option 7
Name of the manufacturer	M/s Emer, Italy	M/s Vanaz	M/s Vanaz	M/s OPW SHEREX	M/s EMER	M/s OPW SHEREX	M/s WEHGmbH
Model Name / I.D/Type	P30 /NGV1	V-0161 / NGV1	W1 /06, / NZS	CL 50 / NGV	VAL 14159 / NZS	CL 40 / NGV	TN5-CL-84169 / NGV1
Details of Pressure Regulator							
Name of the manufacturer	M/s. M.T.M. s. r. l. Italy						
Model Name / Identification	ZENITH / Single regulator (2 stage regulation)						
Details of Gas -Air mixer							
Name of the manufacturer	Not Applicable ( No Air Mixer)						
Model Name / Identification/ Type	N/A						
Details of Catalytic converter							
Name of the manufacturer	M/s .ECOCAT (formerly known as Vikem)						
Model Name / Identification/Type	ID 204736 /Three Way						
Details of Pressure Indicator							
Name of the manufacturer	M/s. AEB Italy	M/s. VANAZ	M/s. Deevee Electronics	M/s. CLH			
Identification / Type	AEB-561 / Electronic	K0501-03-010 / Electronic	---- / Electronic	IEPL-LC - 2654/ Electronic			
Details of Service shut off valve							
Name of the manufacturer	M/s. HYD AIR			M/s. Swagelok			
Identification / Type	HYD AIR / 3 way Shut Off Valve			SS-L83XPF4 / 3 way Shut Off Valve			

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Vide type approval certificate No.(s) detailed above, ARAI, Pune testing agency has certified that the above base model and its variants comply with the provisions of the CMVR, 1989, (as detailed in Annexure-I, IA and IB to TAC No. AAFA 0267 F02 dated 28/03/2015 including following requirements:

Standards		Notification	Date	Effective from	Applicable CMVR
CNG (with OE Fitment)		GSR 853 (E)	19.11.2001	19.05.2002	115B B(i)
		GSR 589 (E)	16.09.2005	16.09.2005	
Bharat Stage -III	For Notified Area	GSR 686(E)	20.10.2004	01.04.2005	115(14)(D)
	All Over India	GSR 443(E)	21.05.2010	01.10.2010	115(14)G
Bharat Stage - IV	For Notified Areas	GSR 84(E)	09.02.2009	OBD I dt. 01.04.2010 OBD II dt. 01.04.2013	115(15)(a), (b)(ii), (A)
		GSR 443(E)	21.05.2010		
Idling CO & NMHC	Idle Emission	GSR 103(E)	23.02.2012	23.02.2013	115 (2)(i)
Passby Noise Limits		GSR 111(E)	10.02.2004	01.04.2005	120 (2)
Brakes/ Lamps/ Reflex Reflectors/ Category of vehicle /Tyres/VIN Number/ Seats, Anchorages, Head Restraints and other Safety Components		S.O 1365(E)	13.12.2004	Notified Dates	ANNEXURE -I ANNEXURE-IA & ANNEXURE-IB
		GSR 589 (E)	16.09.2005		
		GSR 784(E)	12.11.2008		
		S.O. 436 (E)	15.03.2012		
		GSR 943 (E)	31.12.2012		
		GSR 291(E)	24.04.2014		

The approval is accorded subject to the responsibility of the manufacturer for ensuring the fitment of the same component, parts/ assemblies etc details of which are given in the detailed specifications duly endorsed by the ARAI, at the time of submission of vehicle for COF/Registration. **Manufacturer should ensure that the vehicle is delivered fully build by them except in cases of cab/cowl & chassis.**

All MLO(HQ)/CMVI (Burari) are requested to accept Base model **EICHER 10.90 CNG L SCHOOL BUS (49+1+D) & its variants Fully Built-Up Bus / Cowl Chassis - M3 complying with BS-IV emission norms**, manufactured by M/s VE Commercial Vehicles Ltd. (A Volvo Group & Eicher Motors Joint Venture), 102, Industrial Area No. 1, Pithampur - 454775, (M.P.) in NCT of Delhi subject to compliance of M.V.Act and rules made there under and department's instructions/order issued from time to time in this regard.

- No. F.23(522)/TPT/DC/OPS/2010/  
Copy forwarded for information and necessary action to:-
1. All MLOs/CMVI (Burari)/Programmer, Transport Department
  2. M/s VE Commercial Vehicles Ltd. (A Volvo Group & Eicher Motors Joint Venture), 102, Industrial Area No. 1, Pithampur - 454775, (M.P.)
  3. SA, Computer Branch, Transport Department.
  4. Guard File

(MAHARAJ SINGH)  
MVI (OPERATIONS)  
Dated : 01.12.2015

(MAHARAJ SINGH)  
MVI (OPERATIONS)  
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