

2722/CRS/25
13-6-16

CD NO. 07537895

**TRANSPORT DEPARTMENT; GNCTD
5/9 UNDER HILL ROAD, DELHI-54**

NO.DC/OPS/605/216/ 1606-09

Dated: June 17, 2016

CIRCULAR

The Competent Authority, Transport Department, Government of NCT of Delhi is pleased to allow the registration approval of **SAMRAT NG IV ZT54 E NG IV D 4760 TWO DOOR SCHOOL BUS 43 SEATER & its 15 variants** manufactured by M/s SML ISUZU LIMITED Village Asron, Distt. SBS Nagar, Nawanshahar – Ropar, Punjab-144 533 as per the details contained in the Type Approval Certificate issued by designated testing agency under Rule 126 of CMV Rule, 1989 i.e. ICAT, Gurgaon for compliance to the Central Motor Vehicles Rules:

Base model and variants	Seating Capacity (Incl. Driver)	Wheel Base	GVW	Load Carrying Capacity
SAMRAT NG IV ZT54 E NG IV D 4760 TWO DOOR SCHOOL BUS 43 SEATER	43	3335	8720 Kg	8720 Kg.
LIST OF 15 VARIANTS	Annexure-III to ICAT Certificate No. CALA 0021 dated 02.02.2016 i.e. details of 15 variants and their, different wheel Base, GVW, Load Carrying Capacity and numbers of Cylinders fitted are enclosed herewith as Annex. A.			
Certificate No. / date / agency	CALA 0021 dated 02.02.2016 issued by ICAT, Gurgaon.			
Dedicated CNG Engine(Make / Model / Type)	SML ISUZU LIMITED, SLNGH-NUMERAL, Four Inline, CNG			
Power	66.5 kW @ 3000 rpm (3455 cc)			
Type / Category	M3			
Tyres size designation including ply rating/tyre type	Fr. Single, Rr: Dual & Spare 8.25"X 16"- 16 PR Cross ply / With tube Make: JK /Appolo/Birla/Ceat			
Vehicle Manufacturer	M/s SML ISUZU LIMITED Village Asron, Distt. SBS Nawanshahar – Ropar, Punjab-144 533.			
Engine Manufacturer	M/s SML ISUZU LIMITED Village Asron, Distt. SBS Nawanshahar – Ropar, Punjab-144 533.			
Dimensions in mm	Details of dimensions base model and of all variants issued vide ICAT certificate No. CALA 0021 dated 02.02.2016 are enclosed herewith as Annexure B.			

CNG CYLINDER

NAME OF THE MANUFACTURER	EVEREST KENTO CYLINDER NITIN CYLINDERS RAMA CYLINDERS JAY FEE CYLINDERS
Identification No.	Numerals
CYLINDER CAPACITY (WATER EQUIVALENT)	60 Liters of 267 mm

CYLINDER VALVES

manufacturer	EMER S.R.L. COLLEBEA, ITALLY M/S VANAZ ENGINEERS LTD.INDIA OMB SALERI-SPA ITALLY		
Model ID	EMER: 198/1	VANAZ: V-0140	OMB: LIGHT VT

REFILLING VALVE

Manufacturer	VANAZ ENGINEERING LTD PUNE (INDIA)
Model Name /Identification No.	V-0128
Type	NGV Type filling valve

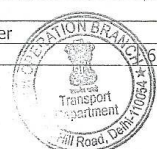
PRESSURE REGULATOR

Manufacturer	IMPICO TECHNOLOGIES, CANADA
Model / ID / Type	P214-100 Constant pressure output type.

PRESSURE INDICATOR

Manufacturer	WIKA, GFRMANY
ID/Type	65059590 / COMPANY LOGO ANALOGUE TYPE

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Contd./...

Vide the Type approval certificate No.(s) detailed above, , testing agency ICAT, Gurgaon has certified that the above base model comply with the provisions of the CMVR, 1989 as detailed in CALA 0021 dated 02.02.2016, including following requirements:-

Provisions	Notification	Date	Effective from	Applicable CMVR	
CNG with OE fitment	GSR 853 (E)	19.11.2001	19.05.2002	115-B (B)(I)	
	GSR 589 (E)	16.09.2005	16.09.2005		
Bharat Stage-III	For notified areas	GSR 686 (E)	20.10.2014	115 (14)(D)	
		GSR 443 (E)	21.05.2010	115 (14)(G)	
Bharat Stage-IV		GSR 84(E)	OBD-I	01.04.2010	115(15) (a), (b) (ii), (A)
			OBD II	01.04.2013	
Free Acceleration Smoke		GSR 443 (E)	21.05.2010	01.06.2010	120 (2)
		GSR 111 (E)	10.02.2004	01.04.2005	
Passby Noise Limits				115 (2)(i)	
Idling CO & NMHC	Idle Emission	GSR 103 (E)	23.02.2012	23.02.2013	125 C 1
Body Building and approval		GSR 287(E)	22.04.2014	01.10.2014	
Category of vehicles/ Brakes / VIN / safety glass/ Brakes / Lamps / Tyres / Horn / Bulb / CNG Regulator / Retro Reflectors / Seats Anchorages, Head restraints Door locks & Door retention component/Fuel Tank etc. and other safety components		S.O. 1365(E)	13.12.2004	Notified dates	Annexure-1 Annexure-IA Annexure IB
		GSR 589 (E)	16.09.2005		
		GSR 784 (E)	12.11.2008		
		S.O. 436 (E)	15.03.2012		

The approval is accorded subject to the responsibility of the manufacturer for ensuring the fitment of the same component, parts/ assemblies etc. the details of which are given in the detailed specifications duly endorsed by ICAT, Gurgaon at the time of submission of the vehicles for COF/Registration. Manufacturer should ensure that the vehicle is delivered fully build by them and no element of local body building is involved.

All MLOs/CMVI (Burari) are requested to accept the Base Model **SAMRAT NG IV ZT54 E NG IV D 4760 TWO DOOR SCHOOL BUS 43 SEATER & its 15 variants** manufactured by M/s SML ISUZU LIMITED, Village Asron, Distt. SBS Nagar, Nawanshahar – Ropar, Punjab-144 533 complying **Bharat Stage-IV** emission norms, (dedicated CNG) -M3 in NCT of Delhi subject to fulfillment of provisions of Motor Vehicle Act and rules made there under and the department's instructions/order issued from time to time in this regard.

(PRAWIN DESAI)
MLO (OPERATIONS)

Dated: June 13, 2016

NO.DC/OPS/605/216/ 1606-09
Copy forwarded for information and necessary action to:-

1. All MLOs/CMVI (Burari)/Programmer, Transport Department .
2. M/s SML ISUZU LIMITED Village Asron, Distt. SBS Nagar, Nawanshahar – Ropar, Punjab-144 533.
3. Sf. SA, Computer Branch, Transport Department to upload on the website of the department.
4. Guard File.



(PRAWIN DESAI)
MLO (OPERATIONS)

ANNEXURE-A

Model		TYPE	Seating Capacity (Including Driver)	Wheel Base (mm)	GVW, kg.
"SAMRAT NG IV" ZT54E NG IV D 4760 TWO DOOR SCHOOL BUS 43 SEATER		IV	43	4760	8720
Sr. No.	Variants				
1	"SAMRAT NG IV" ZT54E NG IV D 4760 SCHOOL BUS 47 SEATER	IV	47	4760	8720
2	"SAMRAT NG IV" ZT54E NG IV D 4760 SCHOOL BUS 37 SEATER	IV	37		
3	"SAMRAT NG IV" ZT54E NG IV D 4760 TWO DOOR SCHOOL BUS 33 SEATER	IV	33		
4	"SAMRAT NG IV" ZT54E NG IV D ELWB TWO DOOR SCHOOL BUS 48 SEATER	IV	48	5100	
5	"SAMRAT NG IV" ZT54E NG IV D ELWB SCHOOL BUS 41 SEATER	IV	41		
6	"SAMRAT NG IV" ZT54ENG IV D ELWB TWO DOOR SCHOOL BUS 37 SEATER	IV	37		
7	"SAMRAT NG IV" ZT54E NG IV D ELWB SCHOOL BUS 52 SEATER	IV	52		
8	"SAMRAT NG IV" ZT54E NG IV D 4760 TWO DOOR HIGH BACK SEAT BUS 29 SEATER	II	29	4760	
9	"SAMRAT NG IV" ZT54E NG IV D 4760 HIGH BACK SEAT BUS 33 SEATER	II	33		
10	"SAMRAT NG IV" ZT54 NG IV ELWB DRIVE AWAY CHASSIS	---	01	5100	
11	"SAMRAT NG IV" ZT54E NG IV 4760 DRIVE AWAY CHASSIS	---	01	4760	
12	"SAMRAT NG IV" ZT54E NG IV D 4760 AC SCHOOL BUS 36 SEATER	IV	36		
13	"SAMRAT NG IV" ZT54E NG IV D 4760 AC SCHOOL BUS 46 SEATER	IV	46		
14	"SAMRAT NG IV" ZT54E NG IV D ELWB AC SCHOOL BUS 40 SEATER	IV	40	5100	
15	"SAMRAT NG IV" ZT54E NG IV D ELWB AC SCHOOL BUS 51 SEATER	IV	51		



Annexure B

47

Appendix - 1

S.No.	BASIC MODEL NAME	SEATING CAPACITY INCL. DRIVER	DIMENSIONS IN mm										GROUND CLEARANCE	DIMENSION LAYOUT NO.	NO. OF CNG CYLINDERS	WEIGHTS IN Kg						Fuel consumption from Single Bar			
			WHEEL BASE	WIDTH	LENGTH	OVERALL HEIGHT	FRONT TRACK	REAR TRACK	OVERHANG		FRONT	REAR				OWN	FUEL	RAW	ZERO	FAIR	MAX				
									FRONT	REAR													GW	FW	RW
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