

From

The Transport Commissioner

To

All Deputy Transport Commissioners  
All Regional Transport Officers  
All Joint Regional Transport Officers

Sir,

Sub: Motor Vehicles Department-Approval of Speed Limiter Device integrated with Engine Management System-reg

Ref: 1. Letter No.AO/CHN/TCTR/285 dated 10-10-11 of M/S Tata Motors Limited

2. Test Report No.SHL/12/2010-11/7216/493 dated 11-03-2011 issued by the Automotive Research Association of India

4. Test Report No.SHL/12/2010-11/7216/495 dated 11-03-2011 issued by the Automotive Research Association of India

Your attention is invited to the above references. Vide reference 1<sup>st</sup> cited, M/s Tata Motors Limited has requested for the approval of Speed Limiter Device Integrated with Engine Management System of TATA PRIMA 3128 K 8X4 BS III and for its variants.

Vide reference 2<sup>nd</sup> cited, the Automotive Research Association of India has given approval to the Speed Limitation System Integrated with Engine management System of the vehicle TATA PRIMA 2528 K 6X4 BS III. Vide reference 3<sup>rd</sup> cited, the Automotive Research Association of India has extended the validity of Test Report issued vide reference 2<sup>nd</sup> cited to the model TATA PRIMA 3128 K 8X4 BS III and for its variants mentioned below:

Sl No	DESCRIPTION	Wheel Base	Max Engine Power KW	For Incomplete Vehicle		For Complete Vehicle	
				ULW (ton)	Power to ULW ratio	ULW ton	Power to ULW ration
	TATA PRIMA 3128 K 8X4 BS III Tipper chassis with non sleeper tilt cab	4357.5	200	9.980	20.04	10.980	18.21
1	TATA PRIMA 3128 K 8X4 BS III with non sleeper tilt cab & 16 cum Box type tipper body	4357.5		14.300	13.98	14.300	13.98



2	TATA PRIMA 3128 K 8X4 BS III with non sleeper tilt cab & 18 cum Box type tipper body	4357.5	200	14.500	13.79	14.500	13.79
3	TATA PRIMA 3128 K 8X4 BS III with non sleeper tilt cab & 20 cum Box type tipper body (Full canopy)	4357.5		14.920	13.40	14.920	13.40
4	TATA PRIMA 3128 K 8X4 BS III with non sleeper tilt cab & 20 cum Box type tipper body (half canopy)	4357.5		14.580	13.71	14.580	13.71
5	TATA PRIMA 3128 K 8X4 BS III with non sleeper tilt cab & 23 cum Box type tipper body	4357.5		15.860	12.61	15.860	12.61
6	TATA PRIMA 3128 K 8X4 BS III with non sleeper tilt cab & 18 cum tipper rock body	4357.5		16.510	12.11	16.510	12.11

All the Registering Authorities and Additional Registering Authorities are directed to see the above while registering the vehicles subject to the compliance of Central Motor Vehicles Rules, 1989 as amended up-to-dated. They are also directed to verify the compliance of provisions of Act and Rules other than those mentioned in the ARAI Certificate.

The applicant is directed to produce the copy of ARAI test report for each vehicle at the time of inspection of vehicle fitted with these speed governors. The details of ARAI Certificates are being communicated to your office by E-mail. You are also requested to make sure the speed limiter which is in built in the vehicle is working properly.

Yours faithfully

Sd/-

Senior DTC (Taxation) ( In charge)  
For Transport Commissioner

Copy to: The Applicant

Approved for issue

Senior Superintendent

19/10/11



Non-transferable

**EXTENSION REPORT**

No: SHL/12/2010-2011/7216/495

Date: 11.03.2011

- 1.0 NAME AND ADDRESS OF : **TATA Motors Limited**  
THE CUSTOMER Pimpri, Pune 411 018
- 2.0 CUSTOMER LETTER REF. : ERC/PE/CMVR-1/16063 dated: 26.02.2011
- 3.0 DESCRIPTION OF TEST COMPONENT:  
Speed Limitation System (SLS) Integrated with Engine Management System of the vehicle.

Sr. no	Parts	Make and country of origin if imported.	Supplier Part Number	TML Part Number
1	ECU MODEL:	M/s Continental USA/China	4943133/4988820	NA
2	Crank Sensor	M/s Continental Corporation or Park Ind panamericeno	2872277	NA
3	Accelerator pedal module including pedal sensor	Williams controls (Imported part)	134614	2880 3010 01 03
4	Vehicle speed sensor	M/s Continental (Integral Part of Gear Box)	NA	2865 2699 9903
5	Fuel Pump	BOSCH Germany	0 445 020 045	NA
6	Fuel Injector	BOSCH(China, Brazil)	0 445 120 123, Nozzle Description: DSLA 140P 1723	NA
7	ECU Calibration Identification No.:- <u>AX90013.XX</u> (TML PART NO.)			

ECU Manufacturing Plant Address: M/s Continental USA/China

**4.0 OBJECTIVE**

The above said customer has approached ARAI vide their above cited letter for extension of validity of following Test Report to Vehicle model **TATA PRIMA 3128 K 8X4 BS III** (for its variant refer Annexure-III),

Earlier Test Report No. SHL/12/2010-2011/7216/493 dated 11.03.2011 as SLD installed on the vehicle model **TATA PRIMA 2528 K 6X4 BS III**, set speed ranges of 40 to 75 km/h.

COMPARED WITH THE ORIGINAL AND FOUND TO BE A TRUE COPY OF THE ORIGINAL



**K. K. BALAKRISHNAN**  
ADVOCATE & NOTARY  
REG. No : 15/98/EKM  
MANEESHA, PALARIVATTOM  
KOCHI - 25

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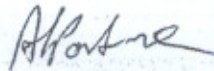
**Extension Report No: SHL/12/2010-2011/7216/495**

**6.0 CONCLUSION:**

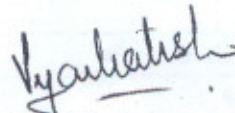
Based on the declarations, technical specifications, photographs submitted by customer, the validity of the earlier **Test Report No. SHL/12/2010-2011/7216/493 dated 11.03.2011** as Speed Limitation System (SLS) Integrated with Engine Management System on the vehicle model **TATA PRIMA 2528 K 6X4 BS III** for set **speed range of 40 to 75 km/h**, has been extended to the Speed Limitation System (SLS) Integrated with Engine Management System in Sr. No. 3 of this test report for the vehicle model **TATA PRIMA 3128 K 8X4 BS III** (for its variant refer **Annexure-III**),

**Note:** Any change in the technical specification or installation drawing, as approved earlier shall be informed by the manufacturer to ARAI for approval, the extension may be granted with or without retest as the case may be.

**Prepared by**

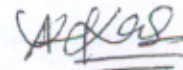


**A. G. Paratane**  
Sr. Design Draftsman



**V S Khairatkar**  
Sr. Project Engineer

**Department Head:**



**A. V. Mannikar**  
Deputy Director

**Authorised for Release**



**SHRIKANT R. MARATHE**  
DIRECTOR



**Place of Issue: Pune**  
**DISCLAIMER:**

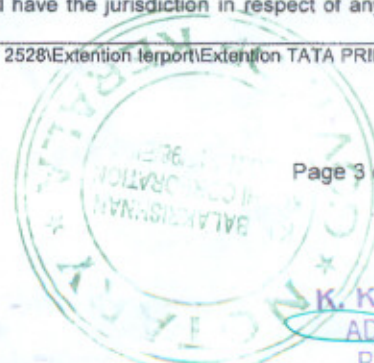
**Date of Issue: 14.03.2011**

This test report pertains only to the components / parts / assemblies / vehicles etc. actually tested at ARAI in the presented condition based on the documents / information produced / submitted by the customer. The issuance of this test report alone does not indicate any measure of approval, certification, supervision, control of quality surveillance by ARAI of the product. No extract, abridgement or abstraction from this test report shall be published or used to advertise the product without the written consent of the Director, ARAI, who reserves the absolute right to agree or reject all or any of the details of any items of publicity for which consent may be sought. ARAI is in no way responsible for any misuse of 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 report.

D:\BDS\SLD Testreport 2010-11\TATA\SHL-7216-PRIMA 3128 K 8x4 ISLe and 2528\Extension report\Extension TATA PRIMA 3128 K 8-4 BS III.doc

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**Extension Report No: SHL/12/2010-2011/7216/495**  
**Annexure – III**

**1.0 JUSTIFICATION FOR VARIANT:**

The following parameters are considered for extending validity of the earlier Test Report of SLD for the vehicle model to its variants. The following declaration is given by test M/s **TATA Motors Limited** for extending validity of earlier test report of SLD for vehicle model **TATA PRIMA 3128 K 8X4 BS III** to its variants.

**1.1** The variants of the vehicle model are same in following aspects.

- engine (e.g. make, model, maximum speed, torque)
- transmission (gear box model, all gear ratios, final drive ratio)
- maximum speed of vehicle
- fuel used
- Speed Limiter Device installed (make, model, part no., set speed)
- Installation schematic of the Speed limiter Device installed on the vehicle is identical and tamperproof

**Remark:** All the variants are same in all the above aspects. Hence, extension can be given.

**5.2** The only differences in the variants of the tested vehicle model are as follows.

- Size and shape of the rear body configuration
- Unladen weight

**Remark:** Extension can be given as per criteria given in Cl. No. 3.8 of AIS: 018 / 2001 as maximum Engine Power to unladen weight ratio of variants (Refer Annexure I) is less than or equal to the tested vehicle model.

\* Extension of this test report is granted to completely built vehicles (CBV), which are built on Cab / Cowl and chassis, variants mentioned above, subject to the Registration Authority verifying Un-Laden Weight (ULW) of such CBVs should not be below 14300 kg.

List of variants submitted by the customer

Sr. No.	DESCRIPTION	Wheel Base	Max Engine Power kW	For Incomplete Veh		For Complete Veh	
				*ULW (ton)	Power to ULW ratio	*ULW (ton)	Power to ULW ratio
	TATA PRIMA 3128.K 8X4 BS-III Tipper Chassis with non sleeper tilt cab	4357.5	200	9.980	20.04	10.980	18.21
1	TATA PRIMA 3128.K 8X4 BS-III With non sleeper tilt cab & 16 cum Box type tipper body	4357.5		14.300	13.98	14.300	13.98
2	TATA PRIMA 3128.K 8X4 BS-III With non sleeper tilt cab & 18cum Box type tipper body	4357.5		14.500	13.79	14.500	13.79
3	TATA PRIMA 3128.K 8X4 BS-III With non sleeper tilt cab & 20 cum Box type tipper body (Full Canopy)	4357.5		14.920	13.40	14.920	13.40
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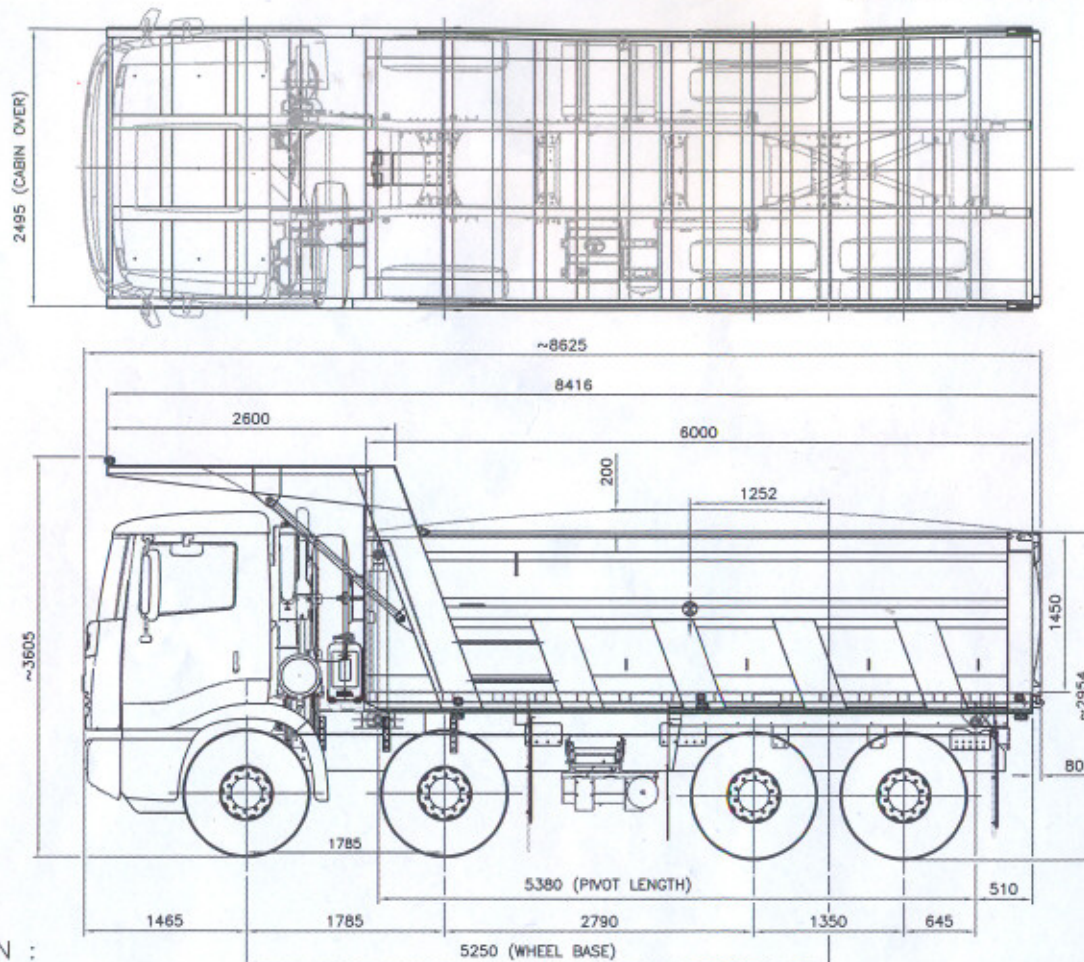


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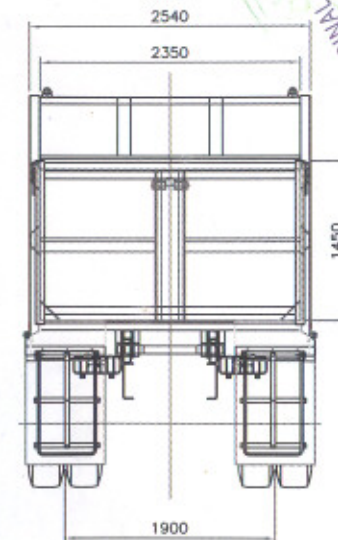
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B	03.01.09	PS	PC	REFER PAGE NO 2, 4 & 5.
A	02.01.09	PS	PC	CHANGED APPLICATION, ADDED DIM HEAP HT & TAIL DOOR HT.
Rev.	Date	By	Contl.	Description



TML PART No. : 2227 8700 0004  
Part Description : Offer Drg. of 20 m<sup>3</sup> Tipper Body  
DML No. : 08JP216002  
Date : 07-01-2009



#### SPECIFICATION :

1. Application : Sand & Gravel
2. Body Dimensions : 6m (Length) x 2.35m (Width) x 1.45m (Height)
3. Volume : 20 Cu.m.
4. HYVA Cylinder : FE149-4-04620-009A-K1484 with HYVA Hydraulic Kit
5. Chassis : TATA 3128, 8x4, 5250 (Wheel Base)
6. Angle of Tip : 52°
7. Tipper Body + Subframe + Hydraulics estimated weight : 4750 kgs
8. Sideboard(5t), Headboard(5t), Floor plate(8t) & Tail door(4t)

⊕ Represents the cumulative position of centre of gravity of Body + hydraulics.

NOTE: In keeping with our policy of continual improvement, we reserve the right to modify the specifications without prior notice.

NOTE : PLS LIFT THE BODY BEFORE TILTING THE CABIN

NORMS/SYMBOLS ACCORDING TO ISO UNLESS OTHERWISE STATED.  
SHAPE & PLACE TOLERANCES: ISO 1101  
TOLERANCES: ISO 2768-cL, ±0.1 FOR DIMENSIONS <0.6  
ROUGHNESS: ISO 1302 REMOVE SHARP EDGES.



TELEPHONE (91) 22 67618888  
FAX (91) 22 27672183  
Hyva India Private Limited

ENGINEER : Prasad	CHECKED:
DRAWER : Pradosh	
DATE : 22.12.2008	PART NO.: -
MATERIAL : -	MASS : -- Kg
DESCRIPTION	
20 CUM STD BODY ON WORLD TRUCK 3128	
PROJECTION :	UNITS : mm
SIZE : A4	SKETCH NUMBER :
SCALE : 1:X	23270001
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	REV.: B

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