

The Automotive Research Association of India

(Research Institution of the Automotive Industry with the Ministry of Heavy Industries & Public Enterprises, Govt. of India)

A A F N 0001

Date: 4th January 2010

CERTIFICATE

Cert	Brief	Drg	Total
3	6	1	10 Pgs

FOR COMPLIANCE TO THE CENTRAL MOTOR VEHICLES RULES.

 In order to establish compliance to the provisions of CMVR, 1989, applicable as on date, documental verification/ necessary testing was carried out, on the following base model, submitted by the vehicle manufacturer referred below:

D	ocumental Reference	Vehicle Manufacturer						
AR	AI/CMVR/662-(784)(*1) dt. 15.09.09	M/s. Tata Motors Ltd., Plant((s): Pune / Jams Automobile Ltd., Block	rwad / Pantnaga	r / Sanand / Fiat India	Pune			
-	Diesel Engine Model	Power	cc			nufacturer	ane.	
				tors Ltd., Pimpri, mshedpur/Luckno	Pune-411 018. w/Dharwad/Pantnagar/	Sanand		
		BASE MODEL			ТҮРЕ	Seating Capacity (Incl. Driver)	GVW,	
	TATA SAFARI Ex 4x4	, 7 seater with 2.2L DIC	OR 09 (E	SSIV) Engine			2780	
_		VARIANTS						
1		, 7 seater with 2.2L DIC			Passenger		2650	
2		, 7 seater with 2.2L DIC			Vehicle with		2780	
3		, 7 seater with 2.2L DIC			Catalytic	7 Persons	2650	
4	TATA SAFARI Vx 4x4	, 7 seater with 2.2L DIC	OR 09 (E	SSIV) Engine	Converter -		2780	
5 TATA SAFARI Vx 4x2, 7 seater with 2.2L DICOR 09 (BSIV) Engine				M1		2650		
6 TATA SAFARI Lx 4x4, 7 seater with 2.2L DICOR 09 (BSIV) Engine							1100	
7 TATA SAFARI Lx 4x2, 7 seater with 2.2L DICOR 09 (BSIV) Engine						2780		
				,ge			26	

- 1a. Brief technical specifications (No. STN01085, A) of the vehicle model and its variants, as declared by the vehicle manufacturer, are enclosed with this certificate. Detailed specifications (No. STN01085, A) of the vehicle model and its variants, are also separately issued to the vehicle manufacturer.
- It is certified that the above base model and its variants comply with the provisions of the Central Motor Vehicles Rules, 1989, as amended up-to-date, including following requirements, (as detailed at ANNEXURE-I, IA & IB):

Standard		Notification	Date	Effective From	Applicable CMVR	
Bharat Stage - III		GSR 686(E) GSR 84(E)	20.10.2004	01.04.2005	115 (14) (B)	
Bharat Stage- IV	For Notified Areas		09.02.2009	01.04.2010	115 (14)(G), (15)(a), (b)(
Free Acceleration Smoke		CCD 444/E)		01.10.2004	115 (2) (ii)	
Passby Noise Limits		GSR 111(E)	10.02.2004	01.04.2005	120 (2)	
Brakes/Lamps/Reflex	Reflectors/ Category	S. O. 1365(E)	13.12.2004		ANNEXURE-1/	
of vehicle/ Tyres/VIN	Number/Safety	S.O. 451(E)	30.03.2005			
Glass/Horn/ Seats/ Anchorages and other Safety Components		GSR 589(E)	16.09.2005		ANNEXURE- IA /	
		GSR 784(E)	12.11.2008		ANNEXURE- IB	

- 3. This Certificate is issued as per CMV Rule 126, to establish compliance with the Central Motor Vehicles Rules, 1989, and shall not be construed as a certificate of compliance to any rules other than those listed in ANNEXURE-I, IA & IB. Compliance to these rules has been verified based on the use of specific components/parts/assemblies etc. details of which are given in the detailed specifications duly endorsed by ARAI as mentioned at Para. 1a above. It is the vehicle manufacturer's responsibility to ensure fitment of same components / parts / assemblies etc. before submission of the vehicle for registration.
- 4. 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 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 certificate / Report.

AUTHORISED SIGNATORY.

AUTHORISED SIGNATORY,

pu gr

Mrs. RASHMI URDHWARESHE, DEPUTY DIRECTOR,

HOMOLOGATION MANAGEMENT & REGU ARAI, PUNE.

Place of Issue: Pune

Progress through Research
THE AUTOMOTIVE RESEARCH
& REGULATION OF INDIA

M. K. CHAUDHARI, SR. DEPUTY DIRECTOR, EMISSION CERTIFICATION

EMISSION CERTIFICATION LAB. ARAI, PUNE. Page 1 of 3





ANNEXURE-I

To

CMVR CERTIFICATE No. dated: 4th January 2010 N 0001

Following rules are verified and found to be complying

Rule	e No.					Sul	Rules		
93	- Overall dimension of motor ve	ehicles				(1),	(2), (4), (6) &	(7)	
94 -	- Condition of tyres					(1),	(2) & (3)		
	- Size & Ply rating of tyres Radial - Tube / Tubeless)	Fr & Rr: 235/70 R16			Apollo / MRF/ e / Goodyear		(2), (3), (4), (6)(i) &(iii)	As amended by GSR 784(E)-Ref. ANNEXURE IS	
96 -	– Brakes	Part 1 to 8 as applica	able		w.e.f. 01.04.06				
A	Automatic wear adjustment- Brakes without ABS Part 2 IS:11852 w.e.f. 01.04.07						(2), (3), (4)(ii)	, (5), (6), (7)(a) & (8)	
Fitte	d with ABS (Optional fitment)	al fitment) Part 9 w.e.f. 01.10.0							
96E	3 - High Speed Brake Requirer	ments	IS:11852-2001-Pa	rt3	w.e.f. 31.05.03	(a)	& (b)		
98 -	- Steering gear		IS:11948-199	9	w.e.f. 01.05.03	(1),	(2) & (3)		
99 -	- Forward and backward motio	n							
100 -	- Safety glass					(1),	(2) & (3)	As amended by GSR 784(E)-Ref. ANNEXURE II	
101 -	- Windscreen wiper		AIS:019/20	01	w.e.f. 01.01.03	(1)	& (2)	704(L)-Nei. ANNEXONE IE	
102 -	Signalling devices, direction i	ndicators and stop lights				(1)	& (2)		
103 -	- Position of the indicator					-	& (2)		
101		1775		_	_	(1)			
104 -	Fitment of reflectors		AIS:057:20	05	w.e.f. 01.04.06	(4)			
105 -	Lamps					(1) (a), (2), (3), (4) & (7)			
106 -	Deflection of lights					(1)	(1)		
108 -	Use of red or white lights					(1)	(1)		
109 -	Parking light								
111 -	Prohibition of spotlights etc.								
112 -	Exhaust gases								
113 -	Location of exhaust pipes								
115 -	Emission of smoke, vapour, e	tc. from motor vehicle (A	mended by GSF	R 84(E) dt. 09.02.09)		2)(ii), (11)(B)(III (a),(b)(i)), (13), (14)(B)(III), (G) &	
117 -	- Speedometer					(1) 8	3 (2)		
110	- Horns	Performance	IS:1884-19	93	w.e.f. 18.03.99	(4)	1 (0)	As amended by GSR	
119 -	- Homs	Installation	AIS:014/20	01	w.e.f. 01.01.03	(1) 8	§ (2)	784(E)-Ref. ANNEXURE IE	
	Silencers		IS:3028-19	98	w.e.f. 01.01.03	(1)			
120	Passby Noise Limits	MoRTH Noti. 111	(E) dt. 10.02.04		w.e.f. 01.04.05	(2)	(Passenge Limit: 74 d	r Carrier < 9 seats) B (A)	
122 -	Embossment of the Chassis Nof manufacture (Ref: Table N					(1) &	k (2)		
124	S O 1205/E)						er IEXURE-IA		
Safety Belt, Seats & their Anchorages		AIS 005/2000 AIS 015/2000 AIS 016/2000	8 (01.10.2002 & 01.01.2003	(1),	(1A) & (5)	As amended by GSR 784(E)-Ref. ANNEXURE IB		
	Deer View Misses	Specifications	AIS:001 - 20	01	04.05.555				
	Rear View Mirror	Installation	AIS:002 - 20	01	01.05.2003	(2)			
	Warning Triangles-Size & Spe		AIS:022-200		01.01.2003	(4)(c			

AUTHORISED SIGNATORY,

Mrs. RASHMI URDHWARESHE,

DEPUTY DIRECTOR, DEPUTY DIRECTOR,
HOMOLOGATION MANAGEMENT & REGULATION, ARAI, PUNE.

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M. K. CHAUDHARI, SR. DEPUTY DIRECTOR,

EMISSION CERTIFICATION LAB. ARAI, PUNE. Page 2 of 3

Reference	Emission Test	TATA SAFARI Lx 4x4, 7 Seater	TA-2010(Bharat Stage IV)/ELTR/09-10/903 dt. 22.12.09
APX/09-10/	Report No	TATA SAFART LX 4X4, 7 Sealer	TA-2010(Bharat Stage IV)/ELTR/09-10/687 dt. 27.10.09
1184		2.2 L DICOR 09 Engine – Delphi FIP	TA-2010(Bharat Stage IV)/ELTR/09-10/738 dt. 10.11.09



ANNEXURE-IA

To

CMVR CERTIFICATE No. F A A N 0001 dated: 4th January 2010

Rule			Compliance	Passe	enger Car
124 (1) Sr. No.		articulars	Verified for	13 Dec '04	01 Apr '05
1.	Automobile Lamps		AIS-034/2004		w.e.f 01.10.2005
2.	Hydraulic Brake Hose		IS:7079-1995	1	_
3.	Hydraulic Brake Fluid		IS:8654-1986	1	_
5.	Steering Impact	4W - GVW upto 1.5 t	IS:11939-1996	Not A	pplicable
6.	Side Door Impact		IS:12009-1995	Not A	pplicable
8.	Wheel Rims		IS:9436-1980	. /	
11.	External Projections		IS:13942-1994	1	_
13.	Wheel Guards		IS:13943-1994	1	_
14.	Wheel Nuts, Disc & H	ub Caps	IS:13941-1994	1	_
15.	Accelerator Control S	ystem	IS:14283-1995	1	
16.	Door Locks and Door	Retention Components	IS:14225-1995	1	_
17.	Hood Latch		IS:14226-1995	1	_
19.	Tell Tale symbols and control		SS12.1	✓	_
	Installation of	With Vertical Orientation	AIS-008/2001		1
20.	Lighting/ Signalling Devices	Performance Requirements	AIS-012/2004		w.e.f 01.10.2005
21.	EMI		AIS-004/1999	1	_
23.	Gradeability		AIS-003/1999	1	_
31.	Fuel Consumption (O	n Driving Cycle)	Carbon Balance Method	_	✓
34.	Driver's field of vision	for vehicles of M1 Category	AIS-021/2004	_	w.e.f 01.04.2007
38.	The interior fittings or (M1 Category)	automotive vehicles	IS:15223-2002		w.e.f 01.04.2006
Complianc	e to additional requir	ements vide S.O. 1431(E) di	. 20.08.2007 for M	1 Category w.	e.f. 01.04.2008
7(a)	Non-Plastic fuel tank more than three wheel	s of motor vehicles having	IS:12056-1987	_	1
41.	vehicles	pers fitted on M1 category of	AIS:006-2005	_	1
45.	The arrangement and controls on M1 catego	mode of operation of foot ry of vehicles	AIS:035-2006	_	✓

ANNEXURE-IB

	CMV Rule	Test Standards	Effective From	Compliance Verified	
2 (iv)	Definitions (Classification of the Vehicle)-M1		AIS:053:2005	12.11.2008	1
95(1)	Size and Ply rating of tyres		IS:15633-2005	01.04.2009	1
122(1)	Vehicle identification number including month and year of manufacture.	AIS:065:2005	01.04.2009	1	
125(1), (1A) & (5)	Safety Belt, Seats & their Anchorages	IS:15140-2003, IS:15139-2002, IS:15546-2005	01.04.2009	1	
CMV	Rule 124(4) The procedure for type approval	and establishing	conformity of produ	iction for comp	onents
SI. No.	Applicable for M / N Category				
1, 2, 3 & 4	Safety Glass, Brake Hose, Horn, Tyre	AIS:037-2004	01.04.2009	- 1	
7, 8, 10, 11, 12, 13, 14	Bulb, Rear View Mirror, Safety Belt (Only Rims, Lighting and light signaling de reflectors and Warning Triangle	AIS:037-2004	01.10.2009	1	

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Progress through Research HOMOLOGATION MANAGEMENT & REGULATION OF INDIA AUTHORISED SIGNATORY,

M. K. CHAUDHARI, SR. DEPUTY DIRECTOR, **EMISSION CERTIFICATION LAB.** ARAI, PUNE. Page 3 of 3



TATA MOTORS LIMITED

Brief Technical Specifications : Table7 of AIS007

Tata Motors Ltd. Mumbai, Pune, Jamshedpur, Lucknow, Manufacturer's name and address Dharwad, Pantnagar, Sanand. Importer's Name and address (in case of CBU) Country of Origin, if imported NA Vehicle Data TATA SAFARI Ex 4x4,7 Seater with 2.2 L DICOR 09 (BSIV) Engine **Basic Model** Passenger Vehicle with Catalytic converter Type/Description Category of the vehicle (as per AIS 053) Refer Annexure B2 Variant(s) Passenger Vehicle with Catalytic converter Type/ Description Category of Variant(s), (as per AIS053) 4 JAN 2010 NA Make and Country of origin, if imported 2.2L DICOR 09 Model Compression ignition Туре 85X96 Bore x Stroke, mm No. Of cyllinders 2179 Displacement 17.2(+/-1):1 Compression Ratio 103kW @4000 rpm (*) as per MOST/CMVR/TAP/115/1/16/esearch Max. Engine Output, kW @ rpm 320 Nm @ 1700 to 2700 RPM MOST/CMVR/TAP/95/M6 RESEARCH Max. Torque, Nm @ rpm ASSOCIATION OF INDIA Dry type Air Cleaner type Clutch Dry Single Plate Type

Gear box

 Make & Model
 G76-5/4.1

 Type
 Synchromesh

No. Of Gears 5 Forward + 1 Reverse

Gear Ratio

	G B Ratio-I	Overall Ratio-I	G B Ratio-II	Overall Ratio-II	G B Ratio-III	Overall Ratio-III
Final Drive Ratio	G76-5/4.1	With RA ratio 4.1				
1st Gear	4.1	16.810				
2nd Gear	2.22	9.102				
3rd Gear	1.37	5.617				
4th Gear	1.00	4.100	100000000000000000000000000000000000000			
5th Gear	0.73	2.993				

Manufacturer: TATA MOTORS LTD.		Document No.:	Test Agency:		Cert No.:
Signature		STN01085 , A	Signature	[0	
	Bolly		Name	Ku	JURDHWARESHE
Name:	Bhuushan Kothari	Sheet No.1 of 4	Designation	DEPUTY DIREC	TOP
Designation:	AGM(Testing)-ERC	Date 14.08.2009	Date of issue	HOMOLOGATI	PRAGE NOCEMPENT
				REGULATION,	ARAIPUNE



Wheel rim size, Rear

TATA MOTORS LIMITED

Brief Technical Specifications : Table7 of AIS007

6th gear	NA	NA					
Over Drive	NA	NA					
Reverse	3.75	15.375					
Drive Axle (F	ront/ Rear/ All)		Both				
Front axle ratio			4.1				
Rear axel ratio			4.1				
Steering							
Type/ Description			Power assisted with tilt mechanism for adjustable height and collapsible column.				
Steering whe	el diameter, m	ım	380				
Ratio			18.9:1				
Frame							
Long membe	r size, mm		Depth 110, Width 60, Thickness 3.15				
Number of cr	oss members		8				
Suspension							
Type/ Descrip	otion (Front)		Double wishbone type with torsion bar.				
Type/ Descrip	otion (Rear)		Coil spring type with 5 link suspension.				
Spring			NA NA				
Anti-roll bar (Front)		Antiroll bar				
Anti-roll bar (Rear)		Antiroll bar				
Shock absort	ers (Front)		Hydraulic double acting telescopic type.				
Shock absort	ers (Rear)		Hydraulic double acting telescopic type TOMOTIVE RESEARCH				
Brake			ASSOCIATION OF INDIA				
Service Brake	e (Brief Descri	ption)	Vacuum over hydraulic brakes acting independently on front & rear wheels through tandem master cylinder. Lead conscious pressure reducing valve provided for rear brakes. Rear brakes with Auto Adjuster.(ABS with bypass valve optional). Foot Operated				
Auto slack ac	ljuster fitted (Y	es/No/Optional)	Yes				
ABS Fitted (Y	es/ No/ Option	nal)	Yes-Optional				
Front (Disc /	Drum)		Disc Brake				
Rear (Disc / [Orum)		Drum Brake				
Total Breakin	g Area (Front)	,Sq.cm.	120 twin pot caliper				
Total Breaking Area (Rear), Sq.cm.			337				
Parking Brake	9		Cable operated mechanical				
Secondary B	rake		Unfailed Portion of service brake				
Wheels and	tyres						
Wheel rim Size, Front			6.5Jx16				

Manufacturer: TATA MOTORS LTD.		Document No.:	Test Agency:		Cert No.:
Signature		STN01085 , A	Signature	0	
	Both		Name	Mrs.	Sle
Name:	Bhuushan Kothari	Sheet No.2 of 4	Designation	DEPUTY	SHMI URDHWARESHE
Designation:	AGM(Testing)-ERC	Date 14.08.2009	Date of issue	HOMOLO	PAGE NOANA OF EMENT &
				REGULAT	ION, ARAI PUNE

6.5Jx16



TATA MOTORS LIMITED

Brief Technical Specifications: Table7 of AIS007

Tyre Size designation including Ply Rating

Front

Opt.I- 235/70 R16 105S (Radial/Tube):M/s Bridgestone,M/s JK, M/s Apollo, M/s MRF, M/s Goodyear; Opt.II- 235/70 R16 105S (Radial/Tubeless):M/s Bridgestone,M/s Goodyear,M/s Apollo,M/s

MRF, M/s JK

Rear

Opt.I- 235/70 R16 105S (Radial/Tube):M/s Bridgestone, M/s JK, M/s Apollo, M/s MRF, M/s Goodyear; Opt.II- 235/70 R16 105S (Radial/Tubeless):M/s Bridgestone,M/s Goodyear,M/s Apollo,M/s MRF, M/s JK

NA Other

Speed Index Load Index/Load Rating

Tyre Type (Radial/ Cross/ Tube/ Tubeless) Tyre Size (Other) Tyre Size (Other) Tyre

Size (Other)

Laden tyre pressure, kg/sq.cm, Front Laden Tyre pressure, kg/sq.cm, Rear Laden Tyre Pressure, Kg/sq.cm, Other NA

As per tyre designation As per tyre designation

Radial Tube/Tubeless

2.2 2.5 4 JAN 2010

Electrical system

System Voltage, V Battery Rating, Ah Wiper Motor

Wiping System(Brief Description)

12 V, Negative ground

12V, 80 Ah 5SW60B

Progress through Research Operated by motor with 2 Arms & Blades MOTIVE RESEARCH ASSOCIATION OF INDIA

Fuel tank Material

Capacity, Itr

Sheet metal

65

Dimensions

Wheel base, mm

2650

Overall Width, mm

Optl:1918,1998(with footstep), Optll:1810 (w/o footstep)

4810 (over spare wheel) Overall Length, mm

1925 Overall Height, mm 1500 Front Track, mm 1470 Rear Track, mm 205 Min. ground clearance, mm Cargo box dimensions, mm NA NA Load body platform area

Weights

Maximum GVW, kg (for rigid vehicles)

Maximum GCW, kg (for articulated /

Refer Annexure B2

NA

Manufacturer: TATA MOTORS LTD.		rer:TATA MOTORS LTD. Document No.: Test Agency:			Cert No.:
Signature		STN01085, A	Signature	10	
	Both		Name	Mrs. RAS	HMI URDHWARESHE
Name:	Bhuushan Kothari	Sheet No.3 of 4	Designation		
Designation:	AGM(Testing)-ERC	Date 14.08.2009	Date of issue	NOMOLOGA NOMOLOGA	Page No AGEMENTS
					R. ARAI PUNE



TATA MOTORS LIMITED

Brief Technical Specifications : Table7 of AIS007

combination vehicles)

Maximum FAW, kg

Maximum RAW, kg

Kerb weight with 90% fuel (with spare wheel

, tools, etc.), kg

Maximum gradeability in 1st gear

Seating

Seating Capacity

Sketch showing seating layout with

dimensions

For 4x4- 1280, 4x2-1200

For 4x4- 1580, 4x2- 1540

Refer Annexure B2

15 deg for 4x2, 26 deg for 4x4.

7

Refer Annexure A

4 JAN 2010



Manufacturer	TATA MOTORS LTD.	Document No.:	Test Agency:	Cert No.:
Signature		STN01085 , A	Signature	
	Both.		Name	Mrs. RASHINI UNDHWARESHE
Name:	Bhuushan Kothari	Sheet No.4 of 4	Designation	HOMOLOGATION ON UNIVARIESHE
Designation:	AGM(Testing)-ERC	Date 14.08.2009	Date of issue	REGULATION PAGE NOVA COMMENT &

Table 11 of AIS: 007 (Revision: 3)

DETAILS OF LOCATION OF CHASSIS NUMBER AND CODE FOR MONTH AND YEAR OF MANUFACTURE AS PER RULE 122 OF CMVR.

Name of the Vehicle Manufacturer & Address:	Tata Motors Ltd. Mumbai, Jamshedpur, Pune, Lucknow, Dharwad.
Name of the basic model:	TATA SAFARI Ex 4x4, 7 Seater with 2.2L DICOR 09(BSIV) Engine
Name of Variants, if any:	TATA SAFARI Ex 4x2, 7 Seater with 2.2L DICOR 09 (BSIV) Engine TATA SAFARI Gx 4x4, 7 Seater with 2.2L DICOR 09 (BSIV) Engine TATA SAFARI Gx 4x2, 7 Seater with 2.2L DICOR 09 (BSIV) Engine TATA SAFARI Vx 4x4, 7 Seater with 2.2L DICOR 09 (BSIV) Engine TATA SAFARI Vx 4x2, 7 Seater with 2.2L DICOR 09 (BSIV) Engine TATA SAFARI Lx 4x4, 7 Seater with 2.2L DICOR 09 (BSIV) Engine TATA SAFARI Lx 4x2, 7 Seater with 2.2L DICOR 09 (BSIV) Engine
Place of Embossing or etching the Chassis Number (Vehicle Identification Number) Supporting details by drawing or pictures may be provided if necessary.	Chassis No. In belly portion of long member, below front door, LH side

Code for month and year of production:

Code for month of production:		Code for year of production		4 JAN 20			
Month	Code	Year	Code	Year	Code		
January	A	1.4.2009 to 31.12.2009	9	1.1.2024 to 31.12.2024	R		
February	В	1.1.2010 to 31.12.2010	Α	1.1.2025 to 31.12.2025	S		
March	С	1.1.2011 to 31.12.2011	В	1.1.2026 to 31.12.2026	Taring Taring		
April	D	1.1.2012 to 31.12.2012	C	1.1.2027 to 31.12.2027	V		
May	E	1.1.2013 to 31.12.2013	D	1.1.2028 to 31.12.2028	W		
June	F	1.1.2014 to 31.12.2014	E	1.1.2029 to 3(12.2029	X		
July	G	1.1.2015 to 31.12.2015	F	1.1.2030 to 31.12.2030	Y		
August	Н	1.1.2016 to 31.12.2016	G	1.1.2031 to 31.12.2031	Swarch		
September	J	1.1.2017 to 31.12.2017	Н	1.1.202 10 0 1.12.202	RESEARCH		
October	K	1.1.2018 to 31.12.2018	J	1.1.2033 to 34.42.2033 N	OF INDBA		
November	N	1.1.2019 to 31.12.2019	K	1.1.2034 to 31.12.2034	4		
December	Р	1.1.2020 to 31.12.2020	L	1.1.2035 to 31.12.2035	5		
	-000	1.1.2021 to 31.12.2021	M	1.1.2036 to 31.12.2036	6		
	1111	1.1.2022 to 31.12.2022	N	1.1.2037 to 31.12.2037	7		
orden some second		1.1.2023 to 31.12.2023	P	1.1.2038 to 31.12.2038	8		
Position of the month of prod Chassis number	luction in the	MATXXXXXXX <u>X</u> XXXXXX		X – Month of Production			
Position of the year of product Chassis number	ction in the	MATXXXXXX <u>X</u> XXXXXXX		<u>X</u> − Year of Production			
Height of the (Vehicle Ident Number)	Chassis No.	7 mm (Minimum)					
Example of Engine No.		2.2L DICOR 09 D SZ 9 30361					
Example of Chassis No. (Vehicle Identification Number) with Month & Year of Manufacture		MAT413152A9A32246					

Manufacturer: TATA MOTORS LTD.	Document No.	Test Agency	I was	Cert No.	
	STN01085, A	Signature	MIS. RASHMI (ROHWARESHE	
Signature		Name	HOMOLOGATIONA	ANACENTALE	
Name : Bhuushan Kothari	Sheet No.1 of 1	Designation	REGULATION, ARA	PUNE PUNE	
Designation : AGM(Testing), ERC	Date :14.08.2009	Date of issue		Page No	

		Ď,	closure	B2 (Weigl	Enclosure B2 (Weight Annexure)	(e)			
					Veh	Vehicle Weight (kg)	(kg)		
S No.	MODEL		Unlade	Unladen Weights			Laden Weight	1	Reference Mass
		ULW	FAW	RAW	F/R Ratio	GVW	FAW	RAW	(Kg)
Base	TATA SAFARI Ex 4x4, 7 seater with 2.2L DICOR 09 (BSIV) Engine	2170	1130	1040	1.09	2780	1200	1580	2320
-	TATA SAFARI Ex 4x2, 7 seater with 2.2L DICOR 09 (BSIV) Engine	2040	1050	066	1.06	2650	1120	1530	2190
2	TATA SAFARI Gx 4x4, 7 seater with 2.2L DICOR 09 (BSIV) Engine	2170	1130	1040	1.09	2780	1200	1580	2320
8	TATA SAFARI Gx 4x2, 7 seater with 2.2L DICOR 09 (BSIV) Engine	2040	1050	066	1.06	2650	1120	1530	2190
4	TATA SAFARI Vx 4x4, 7 seater with 2.2L DICOR 09 (BSIV) Engine	2170	1130	1040	1.09	2780	1200	1580	2320
2	TATA SAFARI Vx 4x2, 7 seater with 2.2L DICOR 09 (BSIV) Engine	2040	1050	066	1.06	2650	1120	1530	2190
9	TATA SAFARI Lx 4x4, 7 seater with 2.2L DICOR 09 (BSIV) Engine	2170	1130	1040	1.09	2780	1200	1580	2320
7	TATA SAFARI Lx 4x2, 7 seater with 2.2L DICOR 09 (BSIV) Engine	2040	1050	066	1.06	2650	1120	1530	2190
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		STN01085, A	Sheet No. 1 of 1	Date: 14.08.2009	
	UFER: TATA MOTORS LTD.	(Both)	Bhuushan Kothari	Festing)-ERC	
Mrs. RASHMI DEPUTY DIRECT HOMOLOGATION REGULATION, AR	Manufacturer: TATA	Signature	Name Bhuush	Designation: AGM Testing)-ERC	