



अंतर्राष्ट्रीय ऑटोमोटिव प्रौद्योगिकी केन्द्र
INTERNATIONAL CENTRE FOR AUTOMOTIVE TECHNOLOGY

[A Division of NATRiP Implementation Society (NATIS), Govt. of India]

[National Automotive Board (NAB)]

C A T A 0470

Date : 09th May 2024

CERTIFICATE

FOR

COMPLIANCE TO THE CENTRAL MOTOR VEHICLES RULES

Cert	Brief	Dwg	Total
03	13	05	21 Pgs

1. 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 LNG converted, "In-Use" model, by the retrofitter submitted by the LNG Installer referred below:

Document Reference	Kit Installer / Manufacturer		
Current Certificate	M/s. Shigan Telematics Private Limited (STPL) Khasra No. 41/24, 48/4, Nagali, Khara Kalan Road, Opposite OM Dharam Kanta, Khara Garhi, Delhi-110 042		
LNG Kit Identification	Engine Power (LNG)	Engine cm ³	Year of Manufacture
STPL_CUMMINS _5.9_LNG_BUS_BS-IV_1	127 kW @ 2400 rpm	5883	June 2010
"In-Use" Base Model	Type & Category	Seating Capacity (incl driver)	GVW (kg)
TATA LPT 1512 TC/52	M3	51	16200

- 1a Brief technical specifications No. STPL/AM/Cummins/1512/LNG/M3/01 dt. 27.03.2024 the In-Use vehicle model, as declared by the by the LNG Kit Installer are enclosed with this certificate. LNG Kit Specification No. STPL/AM/Cummins/1512/LNG/M3/01 dt. 27.03.2024 the In-Use vehicle model, are also separately issued to the by the LNG Kit Installer.
2. It is certified that the above vehicle model comply with the provisions of the CMVR, 1989, as amended up-to-date, including following requirements, (as detailed at ANNEXURE - I, IA & II):

Description	Notification	Date	Effective From	Applicable CMVR	
LNG(For In-Use Diesel Vehicles)	GSR 1151(E)	29.11.2018	29.11.2018	115B- B8 (II) & (D) 115 [15 (a), (aa)]	
Type Approval norms - For LNG Vehicles	Bharat Stage-IV	GSR 84(E)	09.02.2009		01.04.2010
		GSR 843(E)	19.08.2015		01.04.2013 (OBD II)
Idling CO & NMHC	Idle Emission	GSR 103(E)	23.02.2012	23.02.2013	115 (2) (i)

Refer ANNEXURE - II

3. This certificate is valid for 3 years from the date of its issue or until further amendment in CMV Rules, which ever is earlier.
4. 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 & II. 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 ICAT as mentioned at Para. 1a above. It is the Kit Installer's responsibility to ensure fitment of same components / parts / assemblies etc. before submission of the vehicle for registration.
5. This Certificate is issued for the above "In-Use" base model subject to the conditions given at ANNEXURE-II.

Please turn over for DISCLAIMER

AUTHORISED SIGNATORY				
 JAYWANT HARDIKAR HEAD-CMVR	SAURABH DALELA DIRECTOR			



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[A Division of NATRIP Implementation Society (NATIS), Govt. of India]

C A T A 0203

Date : 29th February 2024

CERTIFICATE

FOR

COMPLIANCE TO THE CENTRAL MOTOR VEHICLES RULES

Cert	Brief	Dwg	Total
03	12	04	19 Pgs

1. 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: **LNG converted, "In-Use" model**, by the retrofitter submitted by the LNG Installer referred below:

Documental Reference	Kit Installer / Manufacturer		
Current Certificate	M/s. Shigan Telematics Private Limited (STPL) Khasra No. 41/24, 48/4, Nagali, Khara Kalan Road, Opposite OM Dharam Kanta, Khara Garhi, Delhi-110 042		
LNG Kit Identification	Engine Power (LNG)	Engine cm ³	Year of Manufacture
STPL_AL_H6_LNG_GC_BS-IV_1	132 kW @ 2400 rpm	5760	June 2010
"In-Use" Base Model	Type & Category	Seating Capacity (incl driver)	GVW (kg)
2516T Tusker Super	N3 - Goods Carrier	3	28000

- 1a Brief technical specifications No. STPL/AM/ALH6/2516T/LNG/N3/01 dt. 19.12.2023 the In-Use vehicle model, as declared by the by the LNG Kit Installer are enclosed with this certificate. LNG Kit Specification No. STPL/AM/ALH6/2516T/LNG/N3/01 dt. 19.12.2023 the In-Use vehicle model, are also separately issued to the by the LNG Kit Installer.
2. It is certified that the above vehicle model comply with the provisions of the CMVR, 1989, as amended up-to-date, including following requirements, (as detailed at ANNEXURE - I, IA & II):

Standards	Notification	Date	Effective From	Applicable CMVR	
LNG(For In-Use Diesel Vehicles)	GSR 1151(E)	29.11.2018	29.11.2018	115B- BB (II) & (D) 115 [15 (a), (aa)]	
Type Approval norms - For LNG Vehicles	Bharat Stage-IV	GSR 84(E)	09.02.2009		01.04.2010
					01.04.2013 (OBD II)
					01.04.2017
Idling CO & NMHC	Idle Emission	GSR 103(E)	23.02.2012	23.02.2013	115 (2) (i)

Refer ANNEXURE - II

3. This certificate is valid for 3 years from the date of its issue or until further amendment in CMV Rules, which ever is earlier.
4. 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 & II. 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 ICAT as mentioned at Para. 1a above. It is the Kit Installer's responsibility to ensure fitment of same components / parts / assemblies etc. before submission of the vehicle for registration.
5. This Certificate is issued for the above "In-Use" base model subject to the conditions given at ANNEXURE-II.

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AUTHORISED SIGNATORY				
 JAYWANT HARDIKAR HEAD-CMVR	SAURABH DALELA DIRECTOR			



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C A T A 0489 L01

Date : 19th July 2024

CERTIFICATE

FOR

COMPLIANCE TO THE CENTRAL MOTOR VEHICLES RULES

Cert	Brief	Dwg	Total
02	-	06	08 Pgs

1. In continuation to CMVR Certificate issued to the LNG kit manufacturer for the vehicle model referred below, verification of the Layout Plan submitted by the kit manufacturer for fitment of the same LNG kit on vehicle models given in "Annexure - I".

Document Reference	Kit Installer / Manufacturer		
1. C A T A 0489 Dt. 09.05.2024	M/s. Shigan Telematics Private Limited (STPL) Khasra No. 41/24, 48/4, Nagali, Khara Kalan Road, Opposite OM Dharam Kanta, Khara Garhi, Delhi-110 042		
LNG Kit Identification	Type & Category		
STPL_CUMMINS_5.9_LNG_GC_BS-IV_1	N3 - Goods Carrier		
"IN-USE" BASE MODEL	Year of Manufacture	Engine cm ³	GW (kg)
TATA LPT 2515 TC	2010	5883	28000

2. The In-Use LNG converted base model "TATA LPT 2515 TC", when fitted with Catalytic Converter, meets Bharat Stage - IV norms. Same kit can therefore be fitted to "In-Use" base models given at "ANNEXURE-II", fitted with B 5.9 130 31 engine, 5883 cm³

Sr. No.	"In-Use" Base Model	Engine cm ³	Type & Category	Vintage of Vehicles
Refer Annexure - II				

3. It is certified that retrofitment of above LNG kit on the base models given at "ANNEXURE-II", as per the LAYOUT PLAN, submitted by the kit installer, comply with the provisions of the Central Motor Vehicles Rules 1989, under Rule 115B [B(II),D], as amended up-to-date.
4. 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 & II of the above referred TA Certificate. Compliance to these rules has been verified based on the use of specific components/parts/assemblies etc, based on which type approval is given. It is the Kit Installer's responsibility to ensure fitment of same components/parts/assemblies etc. before submission of the vehicle for registration.
5. All conditions and compliance requirements including validity, given in the certificate issued for "In-Use" base model "TATA LPT 2515 TC" (5883 cm³ -2010 make) are also applicable for the "In-Use", base models given at ANNEXURE-II fitted with Catalytic Converter for which LAYOUT PLAN, is enclosed at ANNEXURE-I.

Layout Ref No.	NA		
ICAT Ref No.	2024-0538; IOCS No: 178280	Please turn over for Disclaimer	
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