

Tata Motors receives BS6 compliance certification for Tata 3.8L NA SGI CNG engine

Mumbai, January 18, 2019: In the run-up to its BS6 preparations, Tata Motors today announced that it has received BS6 Type Approval certificate for its 3.8L NA SGI CNG engine from ARAI (Automotive Research Association of India). It is the first OEM in India to achieve BS6 certification for a naturally aspirated CNG engine for commercial vehicles. This certification includes meeting the tailpipe mass emissions as well as compliance to On-Board Diagnostics (OBD) norms as mandated by government regulation. With this success, Tata Motors continues to stay on its path of offering environment friendly products in India.

Speaking on the occasion Mr. Rajendra Petkar, Chief Technology Officer (CTO), Tata Motors said, *“This BS6 engine certification milestone has been achieved with intense design and development focus, by leveraging in-house capabilities and those of our technology partners. We have worked hard to build a leadership position in the market by providing our customers with economical, best-in-class natural gas vehicle products in the commercial vehicle market and this development of BS6 solution will further re-inforce our market offering.”*

The 3.8 NA SGI CNG engine is a naturally aspirated engine i.e. it does not need a turbocharger. It produces a maximum power of 85 Ps @ 2500 RPM with a torque of 285 Nm @ 2500 RPM. This combustion occurs at stoichiometric conditions in this engine. This engine comes with sequential gas injection technology, pioneered by Tata Motors in India. Exhaust after-treatment system featuring three-way catalytic converter reduces pollutants below limits mandated by regulation.

The 3.8 NA SGI CNG engine will power 4T to 9T GVW buses and trucks such as 407, 709 and 909 (existing BS4 versions), which are already very popular models in the market, with the best-in-class fuel efficiency. Truck applications include water tankers too.

BS6 norms will come into force in India from 1st April, 2020. The upgradation from BSIV to BSVI is a complex engineering, a challenge that demands not only pushing the technological advancements to the limits, but also calls for a turnaround of the infrastructure and facilities required for this development, which is highly capital intensive in nature with long lead execution periods. As part of our continued pursuit in our turnaround journey, a state of the art "Emission Test Facility" has been installed at the Power Systems Engineering Division (PSE), in ERC, Pune. This facility serves as one of the crucial milestones for BS6 implementation.

Tata Motors has been consistently working towards upgrading its engines and vehicles to meet the required BSVI emission norms and is committed to bring environment friendly products to market.

ABOUT TATA MOTORS LIMITED

Tata Motors Limited (BSE: [TATAMOTORS](#)), a USD 45 billion organisation, is a leading global automobile manufacturer of cars, utility vehicles, buses, trucks and defence vehicles. Part of the USD 100 billion Tata group, Tata Motors is India's largest and the only OEM offering extensive range of integrated, smart and e-mobility solutions. Tata Motors has operations in the UK, South Korea, Thailand, South Africa, and Indonesia through a strong global network of 109 subsidiary and associate companies, including Jaguar Land Rover in the UK and Tata Daewoo in South Korea.

With a focus on engineering and tech enabled automotive solutions catering to the future of mobility, Tata Motors is India's market leader in commercial vehicles and amongst the top four in the passenger vehicles market. With 'Connecting Aspirations' at the core of its brand promise, the company's innovation efforts are focused to develop pioneering technologies that are sustainable as well as suited to evolving aspirations of the market and the customers. Tata Motors strives to bring new products that fire the imagination of GenNext customers, fueled by state of the art design and R&D centers located in India, the UK, Italy and Korea. Internationally, Tata commercial and passenger vehicles are marketed in countries, spread across Europe, Africa, the Middle East, South Asia, South East Asia, South America, Australia, CIS, and Russia.

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Issued by:

Tata Motors Corporate Communications
E-mail: indiacorpcomm@tatamotors.com
Tel: +91 22-66657613
www.tatamotors.com