C	O	S	G	0516

C O S G0516

TYPE APPROVAL CERTIFICATE

Date : 19th June 2023

Cert	Report	Specs	Drg	Total
02	06	67	09	84 pgs

FOR

COMPLIANCE TO MASS EMISSION & SMOKE NORMS
FOR GENSET DIESEL ENGINE (upto 800 kW)

1. In order to establish compliance to the provisions of mass emission & smoke limits, applicable as on date, documental verification / necessary testing was carried out, on following engine model(s), submitted by the engine **manufacturer/supplier** referred below:

Document Reference	Engine Manufacturer
Current Certificate	**M/s. VE Commercial Vehicles Ltd.** **Plant(s) :** 102,102A,105,107,108 and 109, Industrial Area No. 1, Pithampur – 454775 Distt.- Dhar (M.P.), India
Engine Family	**Engine Supplier (Manufacturer)**
F1	VE Commercial Vehicles Ltd.,102,102A,105,107,108 and 109, Industrial Area No. 1, Pithampur – 454775 Distt.- Dhar (M.P.), India

Parent Engine		Cubic Capacity	Gross Engine Power	Compliance of Norms w.e.f
E483 TCIC 60 kVA		3299 cm^3	55.0 kW @ 1500 rpm	01.07.2023
Variant(s)	E483 TCIC 45 kVA		43.0 kW @ 1500 rpm	
	E483 TCIC 30 kVA		28.0 kW @ 1500 rpm	

2. **Validity of the Certificate**

This Type Approval Certificate is valid till	**1**	**The validity of existing emission norms under Notification No. GSR 804(E) dt. 03.11.2022 & GSR 436(E) dated 14.06.2023 or until further amendment in the MoEFCC rule, whichever is earlier.**
	2	**No change in technical specification of the engine specified.**
	3	**Explicitly the Type Approval Certificate withdrawn by the engine supplier.**
	4	**Till COP is not missed/Till COP procedure compliance as per CPCB Administrative Procedure is obtained within prescribed timeframe.**

3. It is certified that the above **Diesel engine model(s)** comply with the emission limits for Genset Engines powered by CI engines under power category **(19<P≤56)kW**, as prescribed under the following rules, notified by **Ministry of Environment, Forest and Climate Change (MoEFCC), Govt. of India:**

Rule No.	Description	Notification	Date
88	**Emission limits for new engines used for power generating set (Genset) applications up to 800 kW Gross Mechanical Power**	**GSR 804 (E)**	**03.11.2022**
		GSR 436 (E)	**14.06.2023**

4. **COP :** COP will be applicable as per CPCB Procedure, for details refer **COP-ANNEXURE**.

Please turn over for Disclaimer

AUTHORISED SIGNATORY

M/s.VECommercialVehiclesLtd.E483TCIC60kVAM/s.VECommercialVehiclesLtd.E483TCIC60kVAM/s.VECommercialVehiclesLtd.E483TCI

SITARAM KASHYAP
DEPUTY GENERAL MANAGER

INTERNATIONAL CENTRE FOR AUTOMOTIVE TECHNOLOGY
ICAT Innovation • Service • Excellence
MANESAR

M/s.VECommercialVehiclesLtd.E483TCIC60kVAM/s.VECommercialVehiclesLtd.E483TCIC60kVAM/s.VECommercialVehiclesLtd.E483TCI

SAURABH DALELA
DIRECTOR