



C O S G 0517 E01

Date : 15<sup>th</sup> December 2023

C O S G 0517 E01

# TYPE APPROVAL CERTIFICATE

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

Cert	Report	Specs	Drg	Total
02	08	51	35	96 pgs



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

This Certificate Supercedes	Engine Manufacturer		
C O S G 0517 dt. 19 <sup>th</sup> June 2023	M/s VE Commercial Vehicles Ltd. 102, Industrial Area No. 1, Pithampur – 454775, Distt.- Dhar (M.P.) India Plant : Pithampur		
Engine Family	Engine Supplier (Manufacturer)		
F2	M/s. VE Commercial Vehicles Ltd., 102, Industrial Area No. 1, Pithampur – 454775 Distt.- Dhar (M.P.) India		
Parent Engine	Cubic Capacity (cm <sup>3</sup> )	Gross Engine Power	Compliance of Norms w.e.f
E694 TCIC 160 kVA	5655	148.0 kW @ 1500 rpm	01.07.2023
Variant(s)	E694 TCIC 125 kVA	115.0 kW @ 1500 rpm	
	E494 TCIC 100 kVA	94.0 kW @ 1500 rpm	
	E494 TCIC 82.5 kVA	77.0 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 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	3	Explicitly the Type Approval Certificate withdrawn by the engine supplier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 time frame.

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 (56<P≤560)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
Environment (Protection) Rule, 1986 in the schedule I, Serial number 88	Emission limits for new engines used for power generating set (Genset) application upto 800 kW Gross Mechanical Power	GSR 804 (E)	03.11.2022

## 4. COP :

COP will be applicable as per CPCB Procedure, for details refer COP-Annexure.

AUTHORISED SIGNATORY		Please turn over for Disclaimer	
SITARAM KASHYAP DEPUTY GENERAL MANAGER			