



C O S G 0516 E01

Date : 15th December 2023

C O S G 0516 E01

TYPE APPROVAL CERTIFICATE

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

Cert	Report	Specs	Drg	Total
02	06	58	09	75 pgs



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:

This Certificate Supercedes	Engine Manufacturer			
C O S G 0516 dt. 19 th 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)			
F1	M/s. VE Commercial Vehicles Ltd., 102, Industrial Area No. 1, Pithampur – 454775 Distt.- Dhar (M.P.) India			
Parent Engine	Cubic Capacity (cm ³)	Gross Engine Power	Compliance of Norms w.e.f	
E483 TCIC 60 kVA	3299	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 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	3	Explicitly the Type Approval Certificate withdrawn by the engine supplier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 (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
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			
		SAURABH DALELA DIRECTOR	