



C O S G 0517

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Date : 19<sup>th</sup> June 2023

# TYPE APPROVAL CERTIFICATE

Cert	Report	Specs	Drg	Total
02	08	60	32	102 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	<b>M/s. VE Commercial Vehicles Ltd.</b> <b>Plant(s) :</b> 102,102A,105,107,108 and 109, Industrial Area No. 1, Pithampur – 454775 Distt.- Dhar (M.P.), India		
Engine Family	Engine Supplier (Manufacturer)		
F2	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
E694 160 kVA	5655 cm <sup>3</sup>	148.0 kW @ 1500 rpm	01.07.2023
Variant(s)	E694 125 kVA	115.0 kW @ 1500 rpm	
	E494 100 kVA	95.0 kW @ 1500 rpm	
	E494 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 & 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	3	Explicitly the Type Approval Certificate withdrawn by the engine supplier.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 (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
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			
			
SITARAM KASHYAP DEPUTY GENERAL MANAGER		SAURABH DALELA DIRECTOR	
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