



C O T G 0014

Date : 15th January 2024

C OTG0014

TYPE APPROVAL CERTIFICATE

COMPLIANCE TO MASS EMISSION NORMS FOR
PETROL RUN PORTABLE GENERATOR SETS

Cert	Report	Specs	Drg	Total
02	04	06	03	15 pgs



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

Portable Generator Set Supplier		Portable Engine Assembler/Importer	
M/s V.V. Enterprises No. 30/2, Balu Street, Old Washermenpet, Chennai - 600021		M/s V.V. Enterprises Engine imported from M/s Taizhou Aisen Machinery Co Ltd., No. 1202, Unit 2 Building 15 Xuefu Shuian Community Jiazhi Street Jiaojiang Distict, Taizhou City, Zhejiang, China - 317700 and imported by M/s V.V. Enterprises, Chennai Plant : Chennai	
Engine Family	Portable Generator Set Manufacturer Plant		Import Category
F1	M/s Taizhou Aisen Machinery Co Ltd., No. 1202, Unit 2 Building 15 Xuefu Shuian Community Jiazhi Street Jiaojiang Distict, Taizhou City, Zhejiang, China - 317700		M/s V.V. Enterprises, No. 30/2, Balu Street, Old Washermenpet, Chennai - 600021
Generator Set Engine Model		Displacement (cm ³)	Class
VV3500		216	Class 2
Generator Set Model(s) / Brand Name		Type	Variant(s)
VV3500 / VV		Petrol Start, Petrol Run	NIL
		Compliance of Norms w.e.f	01.07.2023

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	3	Explicitly the Type Approval Certificate withdrawn by the engine supplier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 mentioned engine model(s) comply with the emission limits for Genset Engines powered by SI engines under Engine Displacement (cc) category (>99 and upto 225), 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 19 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.

Please turn over for Disclaimer

AUTHORISED SIGNATORY			
			
SITARAM KASHYAP DEPUTY GENERAL MANAGER		SAURABH DALELA DIRECTOR	
			Page 1 of 2