



C O S G 0593 E01

C O S G 0593 E01 E

### EXTENSION-01

Date : 09<sup>th</sup> March 2024

## TYPE APPROVAL CERTIFICATE

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

Cert	Report	Specs	Drg	Total
02	--	--	--	02 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:

Document Reference	Engine Manufacturer		
COSG 0593 dt. 18/10/2023	M/s Shandong Heavy Industry India Pvt. Ltd. Survey No.280/281,Village Mann, Taluka Mulshi, Hinjawadi Phase-II, Pune - 411057, Maharashtra, India Plant : Pune		
Engine Family	Engine Supplier (Manufacturer / Importer)		
4M12G	M/s Shandong Heavy Industry India Pvt. Ltd., Survey No. 280/281, Village Mann, Taluka Mulshi, Hinjawadi Phase-II, Pune - 411 057, Maharashtra, India		
Parent Engine	Cubic Capacity (cm <sup>3</sup> )	Gross Engine Power	Compliance of Norms w.e.f
4M12G6D4/5	4580	135 kW @ 1500 rpm	01.07.2023
Brand Name	Baudouin	Variant(s)	ANNEXURE-I

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	3	Explicitly the Type Approval Certificate withdrawn by the engine supplier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.

Please turn over for Disclaimer

AUTHORISED SIGNATORY			
SITARAM KASHYAP DEPUTY GENERAL MANAGER			
			Page 1 of 2