C	O	S	G	0502

C O S G0502TYPE AP

Date : 02nd May 2023

Cert	Report	Specs	Drg	Total
02	04	04	03	13 pgs

TYPE APPROVAL CERTIFICATE

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 parent engine model(s), submitted by the Engine supplier referred below:

Documental Reference	Engine Assembler
Current Certificate	M/s. Shandong Heavy Industry India Pvt. Ltd 280,281,Village Mann, Taluka Mulshi, Pune - 411 057, Maharashtra,India **Plant : Pune**
Engine Family	**Engine Supplier (manufacturer / importer / assembler)**
8M33G	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	Gross Engine Power	Compliance of Norms w.e.f
8M33G5D2/5	**26150 cm^3**	**795.0 kW @ 1500 rpm**	01.07.2014
Variant(s)	NA		

2. **Validity of the Certificate**

This Type Approval Certificate is valid till	**1**	**The validity of existing emission norms under Notification No. GSR 771(E) dt. 11.12.2013 & GSR 232(E) dt. 31.03.2014 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	3	**Explicitly the Type Approval Certificate withdrawn by the engine supplier**

3. It is certified that the above **engine model** comply with the emission limits for Genset Diesel Engines (upto 800 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
95	**Emission limits for new diesel engine upto 800 kW for generator set (Genset) application :**	**GSR 771 (E)**	**01.12.2013**
		GSR 232 (E)	**31.03.2014**

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

Please turn over for DISCLAIMER

AUTHORISED SIGNATORY

M/s.ShandongHeavyIndustryIndiaPvt.Ltd8M33G5D2/5M/s.ShandongHeavyIndustryIndiaPvt.Ltd8M33G5D2/5M/s.ShandongHeavyIndustryI

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