C	O	S	G	0512

C O S G0512

TYPE APPROVAL CERTIFICATE

Date : 08th June 2023

Cert	Report	Specs	Drg	Total
02	03	21	10	36 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	**M/s. Simpson & Co. Ltd** **Plant(s) :** 1. 861/862, Anna Salai, Chennai - 600 002 2. Huzur Gardens, Sembiam, Chennai - 600 011
Engine Family	**Engine Supplier (Manufacturer)**
F2	M/s.Simpson & Co. Ltd, 861/862, Anna Salai, Chennai - 600 002.

Parent Engine	Cubic Capacity	Gross Engine Power	Compliance of Norms w.e.f
X2.5-G6	**2500cm^3**	**18.8 kW @ 1500 rpm**	01.07.2023
Variant(s)	X2.5-G5		

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	3	**Explicitly the Type Approval Certificate withdrawn by the engine**
	4	**Till COP is not missed COP procedure compliance as per CPCB 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 **(8<P≤19)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**

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

Please turn over for Disclaimer

AUTHORISED SIGNATORY

M/s.Simpson&Co.LtdX2.5-G6M/s.Simpson&Co.LtdX2.5-G6M/s.Simpson&Co.LtdX2.5-G6M/s.Simpson&Co.LtdX2.5-G6M/s.Simpson&Co.Lt

SITARAM KASHYAP
DEPUTY GENERAL MANAGER

INTERNATIONAL CENTRE FOR AUTOMOTIVE TECHNOLOGY
ICAT Innovation • Service • Excellence
MANESAR

M/s.Simpson&Co.LtdX2.5-G6M/s.Simpson&Co.LtdX2.5-G6M/s.Simpson&Co.LtdX2.5-G6M/s.Simpson&Co.LtdX2.5-G6M/s.Simpson&Co.Lt

MADHUSUDAN JOSHI
DEPUTY GENERAL MANAGER