

[National Automotive Board (NAB)]

C O U G 0004

Date : 07th January 2025

TYPE APPROVAL CERTIFICATE

FOR

Retro-fit Emission Control Devices (RECD) Compliance

Cert	Report	Specs	Drg	Total
06	14	26	03	49 pgs

1. Based on the verification of documents & trials conducted on RECD model "VAYU-PURE LR-04" (Family designation F-LR04) for below mentioned manufacturer and it is certified that the following RECD model complies with the provisions of Type Approval of CPCB System Procedure for Retro-fit Emission Control Devices (RECD) Compliance to Diesel Power Generating Set Engines Up to Gross Mechanical Power 800 kW, as per NGT Order/report "Report filed in O.A. No. 681/2018 dated 6.08.2019".

Documental Reference		RECD Manufacturer			
Current Certificate		M/s Inventive Gas Equipment WZ 1390-A, Ground Floor, Nagal Rai, South West Delhi, Delhi- 110046 Plant : Greater Noida, Uttar Pradesh			
RECD Family Designation		Engine Manufacturer		Tested Engine Model	
F-LR04		M/s Cummins India Limited		KTAA19-G10	
RECD Model			Engine Cubic Capacity		Gross Engine Power
VAYU-PURE LR-04			19000 cm ³		438.0 kW @ 1500 rpm
Engine Baseline emissions	CPCB Stage -II	Class of RECD	Class II	Engine Manufacturing Date	
				December 2017	
S. No.	Item Description	Parent RECD Type		RECD types within the RECD family (if applicable)	
		Annexure-II			

2. Validity of the Certificate

This Type Approval Certificate is valid for Genset engine CPCB Stage -II effective from 01.07.2014 to 30.06.2023.	a.	As per System and procedure for Emission Compliance of Retro-fit Emission Control Devices(RECD) for Diesel Power Generating Set Engines up to Gross Mechanical power 800kW as per NGT Order/report "Report filed in O.A. No. 681/2018 dated 06.08.2019 or until further amendment in the MoEFCC rule, whichever is earlier.
	b.	No change in specified RECD technical specification.

3. It is certified that the above **RECD Model** (Details listed in Annexure-II) comply with the emission limits for Retro-fit Emission Control Devices (RECD) to Diesel Power Generating Set Engines having Gross Mechanical Power **230.1kW to 438.0kW**, as prescribed under the following rules, notified by **Ministry of Environment, Forest and Climate Change (MoEFCC), Govt. of India:**

Rule No.	Description	Date
CPCB-PCLS/12/2021-22	System and procedure for Emission Compliance of Retro-fit Emission Control Devices(RECD) for Diesel Power Generating Set Engines up to Gross Mechanical power 800kW as per NGT Order/report "Report filed in O.A. No. 681/2018 dated 6.08.2019	01.02.2022

4. COP : COP shall be completed by **30.06.2025** as per CPCB Procedure, for details refer **COP Annexure-I**.

AUTHORISED SIGNATORY		
SITARAM KASHYAP DEPUTY GENERAL MANAGER		SAURABH DALELA DIRECTOR
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