

**[National Automotive Board (NAB)]**

**C O U G 0120**

Date : 17<sup>th</sup> April 2025

**TYPE APPROVAL CERTIFICATE**

FOR

**Retro-fit Emission Control Devices (RECD) Compliance**

Cert	Report	Specs	Drg	Total
08	12	26	05	51 pgs

1. Based on the verification of documents & trials conducted on RECD model "JBDS\_112\_00\_000" (Family designation JBDS\_R1) 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 JBDS Power Project International Pvt. Ltd.			
		CCI Industrial Park, Tauru Road, Bilaspur Kalan, Gurgaon, Haryana-122413			
		Plant : Bilaspur Kalan			
RECD Family Designation		Engine Manufacturer		Tested Engine Model	
JBDS_R1		M/s Cummins India Limited		QSB5.9-G1 4BTAA3.3-G11	
RECD Model			Engine Cubic Capacity		Gross Engine Power
JBDS_112_00_000			5880 cm <sup>3</sup>		137.2 kW @ 1500 rpm
Engine Baseline emissions	CPCB Stage -II	Class of RECD	Class II	Engine Manufacturing Date	October 2016
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 **25.13kW to 137.2kW**, 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 **30.06.2026** as per CPCB Procedure, for details refer **COP Annexure-I**.

AUTHORISED SIGNATORY			
SITARAM KASHYAP DEPUTY GENERAL MANAGER		SAURABH DALELA DIRECTOR	
			Page 1 of 8