[National Automotive Board (NAB)]

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Date : 16th December 2024

Cert	Report	Specs	Drg	Total
05	13	18	03	39 pgs

TYPE APPROVAL CERTIFICATE

FOR

Retro-fit Emission Control Devices (RECD) Compliance

1. Based on the verification of documents & trials conducted on RECD model "**JBDS_106_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**		
RECD Family Designation	**Engine Manufacturer**		**Tested Engine Model**
JBDS_R1	M/s Cummins India Limited		**6L8.9TAA-G4**
RECD Model		**Engine Cubic Capacity**	**Gross Engine Power**
JBDS_106_00_000		8880 cm^3	250 kW @ 1500 rpm
Engine Baseline emissions	**CPCB Stage -II**	**Class of RECD** Class II	**Engine Manufacturing Date** April 2018

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 Emision Control Devices(RECD) for Diesel Power Generationg 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 **110.43kW to 250kW**, 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 Emision Control Devices(RECD) for Diesel Power Generationg 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

M/sJBDSPowerProjectInternationalPvt.Ltd.JBDS_106_00_000M/sJBDSPowerProjectInternationalPvt.Ltd.JBDS_106_00_000M/sJBDSP

SITARAM KASHYAP
DEPUTY GENERAL MANAGER

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

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SAURABH DALELA
DIRECTOR

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