



[National Automotive Board (NAB)]

C C T G 0231

C CTG0231C

CERTIFICATE

Date : 12th November 2024

Cert	Report	Total
02	05	07 pgs

OF CONFORMITY OF PRODUCTION (CoP) FOR THE YEAR 2023-24 for

Retro-fit Emission Control Devices (RECD) Compliance to Diesel Power Generating Set Engines



M/s Chakr Innovation Pvt. Ltd. Plant: Hinjewadi, Pune

1. Based on the verification of documents and trials conducted on RECD model(s) "Chakr Shield 2.0 C2-CS1800-R10-V2.3" (Family C2-R10) manufactured by M/s. Chakr Innovation Pvt. Ltd., randomly selected from their plant at Hinjewadi, Pune, it is certified that the following Retrofit Emission Control Devices model of family C2-R10 complies with the provisions of Verification of the Conformity of Production (CoP) as per para 5.0 of System & Procedure (PCLS/12/2021-22) for 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".

Notification No.	Date
CPCB-PCLS/12/2021-22	01.02.2022



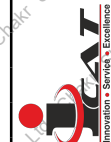
2. This certificate covers the Retrofit Emission Control Devices families and its models as listed in below table, declared by the manufacturer to have been produced / planned to be produced, during the stipulated period.

Fuel	Plant	RECD Manufacturer	Engine Power	Cubic Capacity (cm ³)
Diesel	Hinjewadi, Pune	M/s Chakr Innovation Pvt. Ltd.	448.0 kW @ 1500 rpm	19900
RECD Family	C2-R10		Manufacturing Period	COP Year
Parent	Chakr Shield 2.0 C2-CS1800-R10-V2		01/07/2023 to 30/06/2024	2023 to 2024
S. No.	Item Description	Annexure-I		
Engine Baseline emissions	CPCB Stage -I	Class of RECD	Class II	

3. Next CoP test shall be carried out before 01st July 2025 (i.e. once in a year) or after production of every 500 units for the above family, whichever is earlier.

Type approval certificate no. for reference	COGS 0608 dt. 06/11/2023	
COP Report Reference	CC0ET 0429 Dt. 11.11.2024	
ICAT Case Reference	IOCS NO. 177178	Please turn over for DISCLAIMER

AUTHORISED SIGNATORY

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