



[National Automotive Board (NAB)]

CCTG 0180

CTG0180C

CERTIFICATE

Date : 27<sup>th</sup> August 2024

Cert	Report	Total
02	05	07 pgs

OF

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

COMPLIANCE TO PARTICULATE MATTER EMISSION NORMS FOR RETROFIT EMISSION CONTROL DEVICE ON IN-USE

DIESEL GENSET ENGINE (Up to 800 kW)



M/s Chakr Innovation Pvt. Ltd.

Plant: Hinjewadi, Pune

1. Based on the verification of documents and trials conducted on RECD model(s) "DOFF/OC:HCT/20:100/600" (Family C1-R5) 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 C1-R5 complies with the provisions of Verification of the Conformity of Production (CoP) as per para 5.0 of System & Procedure (CPCB-PCLS/12/2021-22) for compliance to emission limits for In-Use Diesel Genset Application 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	Manufacturer	Engine Power	Cubic Capacity (cm <sup>3</sup> )
Diesel	Hinjewadi, Pune	M/s Chakr Innovation Pvt. Ltd.	114.7 kW @ 1500 rpm	7118
RECD Family	C1-R5		Manufacturing Period	COP Year
Parent	DOFF/OC:HCT/20:100/600		01/07/2023 to 30/06/2024	2023 to 2024
S. No.	Item Description	Annexure-I		
Engine Baseline emissions	CPCB Stage -II	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	CQSG 0627 dt. 13/12/2023	
COP Report Reference	CC0ET 0323 Dt. 23.08.2024	
ICAT Case Reference	IOCS NO. 176293	Please turn over for DISCLAIMER

AUTHORISED SIGNATORY

 <b>SITARAM KASHYAP</b> DEPUTY GENERAL MANAGER	 <b>SAURABH DALELA</b> DIRECTOR	 Page 1 of 2
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