[National Automotive Board (NAB)]

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CERTIFICATE

OF

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

FOR

COMPLIANCE TO PARTICULATE MATTER EMISSION NORMS FOR RETROFIT EMISSION CONTROL DEVICE ON IN-USE DIESEL GENSET ENGINE (up to 800 kW)

Date : 27th August 2024

Cert	Report	Total
02	05	07 pgs

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^3)
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	COSG 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

DOFF/OC:HCT/20:100/600CONTROLDEVICEONIN-USEDIESELGENSETENGINE(upto800kW)M/sChakrInnovationPvt.Ltd.DOFF/OC:HCT/20

SITARAM KASHYAP
DEPUTY GENERAL MANAGER

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

DOFF/OC:HCT/20:100/600CONTROLDEVICEONIN-USEDIESELGENSETENGINE(upto800kW)M/sChakrInnovationPvt.Ltd.DOFF/OC:HCT/20

SAURABH DALELA
DIRECTOR