



C O S G 0504

Date : 10th May 2023

COP Annexure-I

| Criteria* | COP Required |
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| RECD Manufacturer/Importer/Retrofitter | RECDs fitted on engines of all ratings shall be subjected to the verification of CoP once for every 500 units per family or once a year, whichever is earlier Wherever applicable, RECDs fitted on engines of all ratings of engines shall be subjected to the verification of PCD once every CoP-year by PCD family (ies) representative RECD(s). Such demonstration is PCD family dependent and irrespective of combined volumes produced and sold under such family (ies) |



* As Applicable

Annexure-II

| S No | Item Description | Parent RECD Type | RECD types within the RECD family (if applicable) | | | | | |
|------|---|---|---|--|--|--|--|--|
| | | Type 1 | Type 2 | Type 3 | Type 4 | Type 5 | Type 6 | |
| 1 | Manufacturing Plant address | M/s.Chakr Innovation Private Limited, S.NO 236, Hissa No.7 & S.NO 237, Taluka Mulish, Hinjewadi, Phase 1, Pune - 411 057, Maharashtra | | | | | | |
| 2 | Manufacturer's trade name or mark | Chakr Innovation Private Limited | | | | | | |
| 3 | RECD family designation | C2-R10 | | | | | | |
| 4 | RECD type/model designation | Chakr Shield 2.0_C2-CS1800- R10-V2 | CHAKR SHIELD 2.0_C2-CS1800- R10-V1 | CHAKR SHIELD 2.0_C2-CS1800- R10-V1.2 | CHAKR SHIELD 2.0_C2-CS1800- R10-V2.2 | CHAKR SHIELD 2.0_C2-CS1800- R10-V3 | CHAKR SHIELD 2.0_C2-CS1800- R10-V4 | |
| 5 | RECD Category (Domestic/Imported) | Domestic | | | | | | |
| 6 | Class of RECD | Class II | | | | | | |
| 7 | Type Identification of the RECD | Continuous | | | | | | |
| 8 | Location of type ID marking | Refer Specification no. CIPL/TA/C2-CS1800-R10 dtd. 18.04.2023 Clause no 1.8 | | | | | | |
| 9 | Identifying part number(s) of the RECD | C2-CS1800-R10-V2 | | | | | | |
| 10 | Engine/ Engine Family for which the RECD is intended (application range) | C15-2GP-1 | | | | | | |
| 11 | PM Reduction Efficiency of the RECD | 75.56% | | | | | | |
| 12 | Designed for fitment to an engine meeting the emissions requirements of (Regulation and Stage): | CPCB Stage -II | | | | | | |

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| ICAT Ref No. | 2023-060; IOCS No: 165804 |
| Base Engine Type Approval Certificate number | ARAI/MoEF/DGTA/IMP/CIUSA-F2/2014-01-E1 |
| Test Report Reference | CT0ES 0234 dt. 26/04/2023 |

| AUTHORISED SIGNATORY | |
|---|--|
|  SITARAM KASHYAP DEPUTY GENERAL MANAGER |  MADHUSUDAN JOSHI DEPUTY GENERAL MANAGER |
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