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|----------------------------|------------------------------------------------|
| <b>CoP Certificate No.</b> | <b>ARAI/MoEF/DGCOP/IGES4/KOEL/F15/23-24/09</b> |
|----------------------------|------------------------------------------------|

|                                        |
|----------------------------------------|
| <b>Date: 28<sup>th</sup> June 2024</b> |
|----------------------------------------|

|             |               |              |
|-------------|---------------|--------------|
| <b>Cert</b> | <b>Report</b> | <b>Total</b> |
| 1           | 11            | 12 pgs.      |

**CERTIFICATE  
OF  
CONFORMITY OF PRODUCTION (CoP) FOR THE YEAR 2023-24**  
FOR  
**COMPLIANCE TO MASS EMISSION & SMOKE NORMS  
FOR DIESEL GENSET ENGINE (up to 800 kW)**

**M/s. Kirloskar Oil Engines Ltd.**  
**Laxmanrao Kirloskar Road, Khadki,**  
**Pune 411003**

1. Based on the verification of documents & trials conducted on engine model "DV12ETA 4G1" (Family F15) manufactured by M/s. Kirloskar Oil Engines Ltd., and randomly selected from their **Kagal plant** it is certified that the following diesel genset engine models of family **F15** complies with the provisions of Verification of the Conformity of Production (CoP) as per "System and Procedure For Compliance to Revised Emission Standards (dated 03-Nov-2022) for Power Generating Set Engines Up-to Gross Mechanical Power 800 KWs" published by CPCB and Environment (Protection) Third Amendment Rules, 2022 of **GSR 804(E)**, dated 3<sup>rd</sup> November 2022 notified by Ministry of Environment, Forests and Climate Change, Govt. of India.

| Sr. No. | Family | Engine Models | Gross Engine Power | Manufacturing Plant                                                                                       | Manufacturing Period         | CoP Year     | Reference Certificate No.                                                                                                      |
|---------|--------|---------------|--------------------|-----------------------------------------------------------------------------------------------------------|------------------------------|--------------|--------------------------------------------------------------------------------------------------------------------------------|
| 1       | F15    | DV12ETA 4G2   | 661.9 kW           | M/s. Kirloskar Oil Engines Ltd, D 1, Kagal Hatkanagale Five Star MIDC, Hatkanangle, Kolhapur, Maharashtra | 01-July-2023 to 30-June-2024 | 2023 to 2024 | <b>Type Approval:</b><br>ARAI/MoEF/DGTA/IGES4/KOEL/F15/2023/32,<br>Dated 12th July 2023<br><br><b>Last Year CoP:</b> First COP |
| 2       |        | DV12ETA 4G1   | 561.1 kW           |                                                                                                           |                              |              |                                                                                                                                |
| 3       |        | DV10ETA 4G2   | 561.1 kW           |                                                                                                           |                              |              |                                                                                                                                |

**2. Validity of the Certificate:**

- a. This CoP certificate is valid up to 30<sup>th</sup> June 2025.  
Validity of this COP certificate is subjected to completion of next CoP of the above family before 1<sup>st</sup> July 2025 for the production of engine model/s of the above family during the period 1<sup>st</sup> July 2024 to 30<sup>th</sup> June 2025 once or after production of every 1000 units, whichever is earlier.
- b. As confirmed by the supplier, this CoP certificate is issued for the planned production during the manufacturing period less than 1000 units. The additional CoP test becomes mandatory after production of every 1000 units before 1<sup>st</sup> July 2024.

**3. Disclaimer:** Refer overleaf for disclaimer

**AUTHORISED SIGNATORY**

*S. S. Thipse*

**Dr. S. S. THIPSE**  
**SR. DEPUTY DIRECTOR & HEAD**  
**ENGINE DEVELOPMENT LABORATORY,**  
**ENVIRONMENT RESEARCH LABORATORY,**  
**ARAI, PUNE.**

Reference: Report No. 1. EDL/DGCOP/IGES4/EMISSION/KOEL/F15/23-24/09, Dated 28th June 2024  
2. EDL/DGCOP/IGES4/NCD/KOEL/N3/F14/23-24/04, Dated 28-Jun-2024

Place of Issue: Pune



**AUTHORISED SIGNATORY**

*A. A. Badusha*

**A. A. BADUSHA**  
**SENIOR DEPUTY DIRECTOR & HEAD**  
**HOMOLOGATION MANAGEMENT REGULATIONS,**  
**VEHICLE CUM SAFETY EVALUATION &**  
**AUTO PLI CELL, ARAI, PUNE.**

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An ISO 9001, ISO 14001, ISO 45001 and ISO/IEC27001 Certified Organization

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ARAI Homologation & Technology Centre (ARAI-HTC), Chakan  
ARAI Forging Industry Division (ARAI-FID), Chakan  
ARAI Regional Centre South (ARAI-RCS), Chennai

**Digitally Issued Certificate**

**Disclaimer:**

1. ARAI issues 'Conformity of Production (CoP) Certificates' for Genset engine(s)/components/ parts/ assemblies etc. based on the documents produced and/or testing carried out on the selected sample(s) as per the provisions of specific rules.
2. Sample selection procedure is in compliance to ""System and Procedure For Compliance to Revised Emission Standards (dated 03-Nov-2022) for Power Generating Set Engines Up-to Gross Mechanical Power 800 KWs" published by CPCB (MoEF & CC, Govt. of India) and their provisions as amended from time to time or any other statutory orders under which ARAI is authorised. Other Rules/ Acts are outside the purview/ scope of CoP.
3. Test/s on selected sample(s) is/are carried out only on the parameters as covered under the specific procedures/ rules. Results of such tests are the property of bearer of CoP Certificate. These results cannot be disclosed unless specifically so ordered by Government, Court, etc.
4. Other parameters of the Genset engine(s)/ components/ parts/ assemblies etc. are outside the purview/ scope of CoP.
5. The bearer of the CoP certificate is under obligation to ensure production strictly as per the provisions of the specific certificate.
6. ARAI is not responsible for ensuring manufacturing quality of the approved Genset engine(s)/ components/ parts/ assemblies etc.
7. ARAI is in no way responsible for any misuse or copying of any design/ type/ system in connection with entire Genset engine(s)/ components/ parts and assemblies covered under the CoP certificate.
8. Breach of any statutory provision of Indian laws or laws of other countries, will be the sole responsibility of the bearer of CoP certificate and ARAI shall not be liable for any claims or damages. The bearer shall alone be liable for the same, and shall undertake to indemnify ARAI in this regard.
9. ARAI has the right, but not under obligation, to initiate cancellation/ withdrawal of the certificate issued, in case of any fraud, misrepresentation, when it surfaces and comes in the knowledge of ARAI.

**The appropriate local courts at Pune shall have the jurisdiction in respect of any dispute, claim or liability arising out of this certificate / Report.**