



C O S E 0535

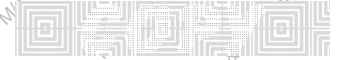
Date : 17th July 2023

C O S E 0535

CERTIFICATE

| Cert | Report | Spec | Drg | Total |
|------|--------|------|-----|--------|
| 02 | ---- | 46 | 10 | 58 pgs |

FOR
COMPLIANCE TO SMOKE & MASS EMISSION



M/s. Mahindra & Mahindra Ltd.

Plant: Mohali

1. Based on the verification of documents / trials conducted on the engine model(s) "RB33TR1" manufactured by M/s. Swaraj Engines Limited, Plot No. 2, Industrial Area, Phase 9, Mohali, Punjab – 160 062, it is certified that the following agricultural tractor model(s) listed in Annexure - I, manufactured by M/s. Mahindra & Mahindra Ltd, Mohali with above engine model(s), comply with the following provisions of the Central Motor Vehicles Rules, 1989, as amended up-to-date.

| Mass Emission Standards | CMV Rule | Effective From | MoRTH Noti. No. | Date |
|---------------------------|--------------------|----------------|-----------------|------------|
| Bharat (Trem) Stage III A | 115A(2), (3) & (7) | 01.04.2010 | GSR 84(E) | 09.02.2009 |

2. This certificate supersedes the earlier certificate C O S E 0513 Dt. 13.06.2023 and covers the agricultural tractor models, listed in Annexure-I declared by the manufacturer to have been produced / planned to be produced with the following engine model/s of Family F13.

| Fuel | Plant | Manufacturer | | |
|---------------|------------|-----------------------------|------------------------|--|
| Diesel | MOHALI | M/s. Swaraj Engines Limited | | |
| Engine Family | F13 | Engine Power (Declared) | Cubic Capacity | |
| Parent | RB33TR1 | 36.8 kW @ 2000 rpm | 3478.2 cm ³ | |
| Variant (s) | ANNXURE-II | | | |

3. The duly endorsed Specifications No: TA/RB33TR1/F13/2023-24/02 Dt. 21.06.23 as declared by the agricultural tractor manufacturer are enclosed with this certificate.

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|---------------------|-------------------------------|---------------------------------|--|
| Report Reference | C T 2 E S 0142 dt. 11.03.2023 | | |
| ICAT Case Reference | 2023-0723; IOCS No. 168360 | Please turn over for DISCLAIMER | |

| AUTHORISED SIGNATORY | | | |
|---|--|--|-------------|
| | | | |
| SITARAM KASHYAP DEPUTY GENERAL MANAGER | | MADHUSUDAN JOSHI DEPUTY GENERAL MANAGER | Page 1 of 2 |